

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069468.D
 Acq On : 12 Nov 2021 15:14
 Operator : JC/MD
 Sample : VN1112WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:26:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1145195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1942236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1769102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	726744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	831584	50.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.160%			
35) Dibromofluoromethane	8.024	113	576942	49.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.060%			
50) Toluene-d8	10.443	98	2333279	50.929	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.733	95	783770	46.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	227375	18.584	ug/l	98
3) Chloromethane	2.303	50	250889	17.682	ug/l	100
4) Vinyl Chloride	2.445	62	250903	17.660	ug/l	99
5) Bromomethane	2.856	94	159052	17.238	ug/l	99
6) Chloroethane	3.019	64	163013	16.999	ug/l	98
7) Trichlorofluoromethane	3.376	101	381588	17.379	ug/l	97
8) Diethyl Ether	3.827	74	128377	18.071	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	183842	17.774	ug/l	94
10) Methyl Iodide	4.417	142	212016	16.712	ug/l	97
11) Tert butyl alcohol	5.390	59	250205	83.622	ug/l	99
12) 1,1-Dichloroethene	4.178	96	164613	17.735	ug/l	91
13) Acrolein	4.038	56	32296	71.502	ug/l	98
14) Allyl chloride	4.840	41	353286	17.216	ug/l	95
15) Acrylonitrile	5.559	53	739190	96.471	ug/l	99
16) Acetone	4.293	43	758210	84.632	ug/l	96
17) Carbon Disulfide	4.527	76	304807	13.893	ug/l	98
18) Methyl Acetate	4.859	43	527219	18.103	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	729499	18.571	ug/l	98
20) Methylene Chloride	5.092	84	218767	17.220	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	181964	17.552	ug/l	90
22) Diisopropyl ether	6.498	45	830692	18.792	ug/l	96
23) Vinyl Acetate	6.439	43	3142876	91.925	ug/l	95
24) 1,1-Dichloroethane	6.388	63	411776	18.289	ug/l	99
25) 2-Butanone	7.343	43	1116131	92.005	ug/l	91
26) 2,2-Dichloropropane	7.327	77	293774	16.676	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	237385	18.471	ug/l	89
28) Bromochloromethane	7.659	49	217568	18.869	ug/l #	81
29) Tetrahydrofuran	7.691	42	726805	97.629	ug/l	90
30) Chloroform	7.820	83	428162	18.549	ug/l	99
31) Cyclohexane	8.096	56	392092	17.284	ug/l	91
32) 1,1,1-Trichloroethane	8.018	97	344831	17.897	ug/l	96
36) 1,1-Dichloropropene	8.222	75	288423	17.648	ug/l	97
37) Ethyl Acetate	7.418	43	444871	20.137	ug/l #	94
38) Carbon Tetrachloride	8.209	117	269143	17.058	ug/l	98
39) Methylcyclohexane	9.461	83	348513	17.143	ug/l	92
40) Benzene	8.461	78	933601	18.508	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	213717	18.722	ug/l	90
42) 1,2-Dichloroethane	8.533	62	366622	18.561	ug/l	98
43) Isopropyl Acetate	8.566	43	664716	18.733	ug/l	94
44) Trichloroethene	9.217	130	221190	18.321	ug/l	93
45) 1,2-Dichloropropane	9.494	63	254485	18.882	ug/l	98
46) Dibromomethane	9.579	93	165565	18.341	ug/l	91
47) Bromodichloromethane	9.764	83	297131	17.639	ug/l	98
48) Methyl methacrylate	9.561	41	302342	18.110	ug/l	89
49) 1,4-Dioxane	9.571	88	109206	356.246	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2269214	99.075	ug/l	95
52) Toluene	10.507	92	586698	18.669	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306945	16.676	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	339254	16.738	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	245838	19.406	ug/l	98
56) Ethyl methacrylate	10.762	69	395210	17.928	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	421870	18.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	465594	91.710	ug/l	93
59) 2-Hexanone	11.087	43	1631692	89.635	ug/l	94
60) Dibromochloromethane	11.240	129	204530	16.416	ug/l	99
61) 1,2-Dibromoethane	11.347	107	246461	18.128	ug/l	98
64) Tetrachloroethene	10.979	164	206180	19.302	ug/l	97
65) Chlorobenzene	11.771	112	633045	19.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	218961	19.171	ug/l	98
67) Ethyl Benzene	11.846	91	1168029	19.233	ug/l	95
68) m/p-Xylenes	11.956	106	852328	38.159	ug/l	93
69) o-Xylene	12.283	106	435112	19.540	ug/l	94
70) Styrene	12.296	104	700997	18.520	ug/l	97
71) Bromoform	12.460	173	140885	16.660	ug/l #	98
73) Isopropylbenzene	12.581	105	1140721	19.714	ug/l	100
74) N-amyl acetate	12.390	43	473456	19.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	392790	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	321451m	19.166	ug/l	
77) Bromobenzene	12.862	156	261887	19.790	ug/l	82
78) n-propylbenzene	12.921	91	1274757	19.579	ug/l	96
79) 2-Chlorotoluene	13.010	91	788702	19.564	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	919795	19.663	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	75563	17.646	ug/l #	81
82) 4-Chlorotoluene	13.106	91	737136	19.181	ug/l	94
83) tert-Butylbenzene	13.326	119	851329	20.768	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	891147	19.733	ug/l	98
85) sec-Butylbenzene	13.503	105	1126360	19.670	ug/l	97
86) p-Isopropyltoluene	13.618	119	910853	20.037	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	431551	18.809	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	419342	18.631	ug/l	95
89) n-Butylbenzene	13.943	91	720628	19.010	ug/l	98
90) Hexachloroethane	14.211	117	125450	16.527	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	432317	19.802	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	63531	18.677	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	203912	19.829	ug/l	96
94) Hexachlorobutadiene	15.370	225	115133	20.296	ug/l	98
95) Naphthalene	15.507	128	649404	22.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	208845	21.051	ug/l	98

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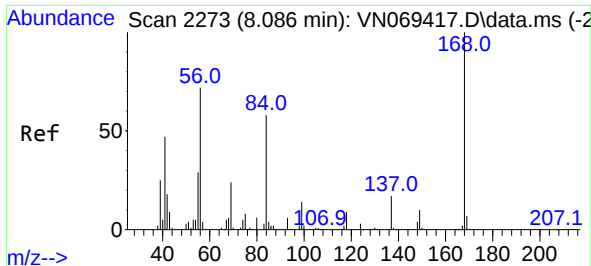
Manual Integrations
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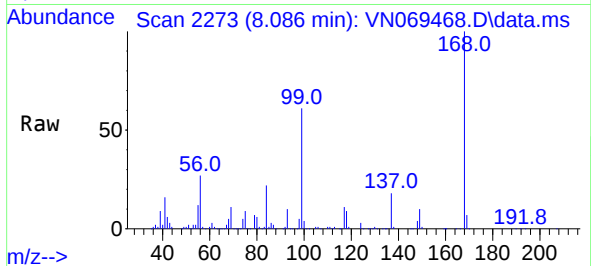
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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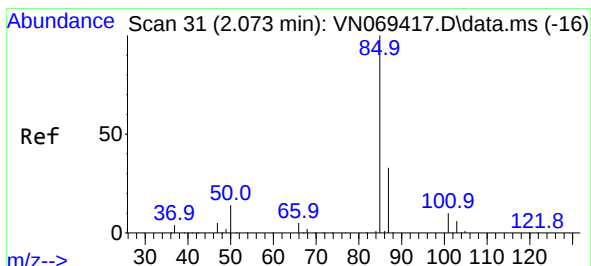
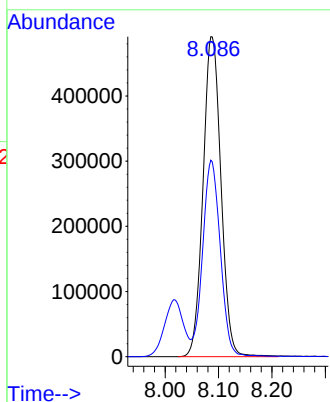
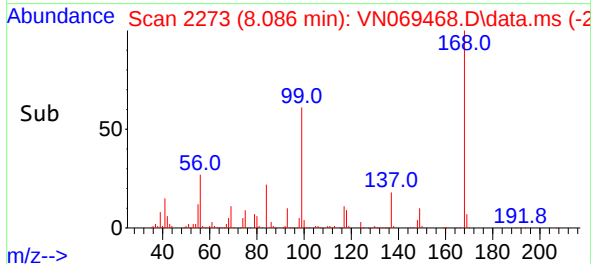
Instrument :
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VN1112WBS01



Tgt Ion:168 Resp: 114519
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

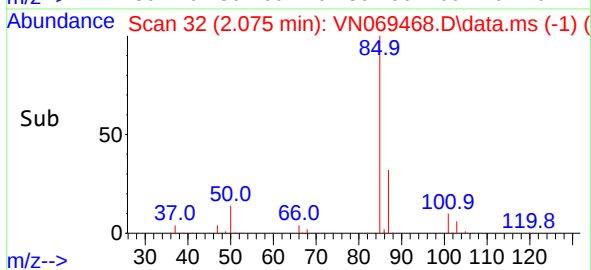
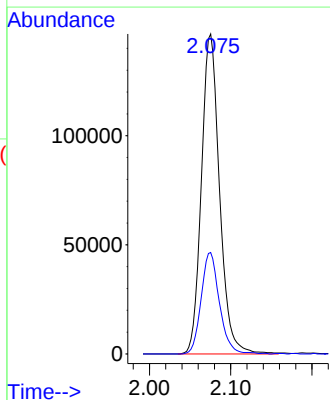
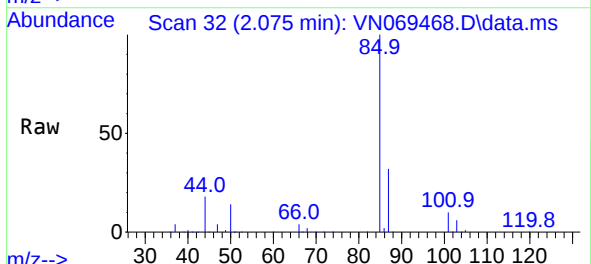
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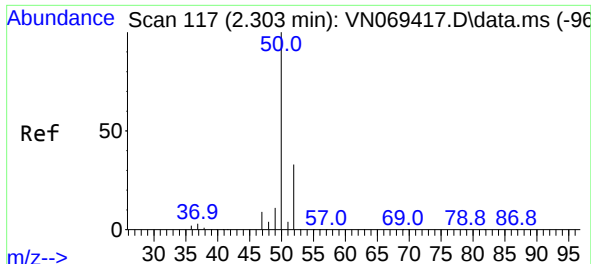
Reviewed By :John Carlone 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 18.584 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

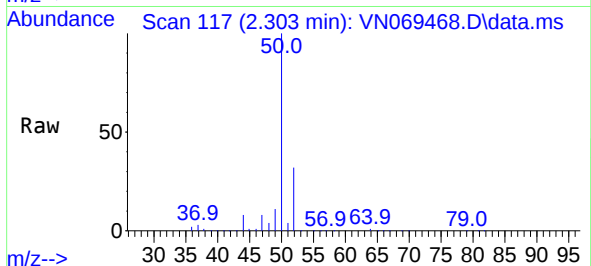
Tgt Ion: 85 Resp: 227375
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 17.682 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

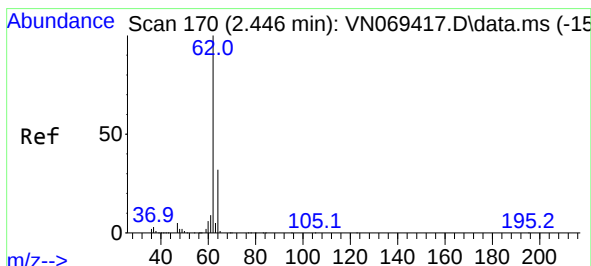
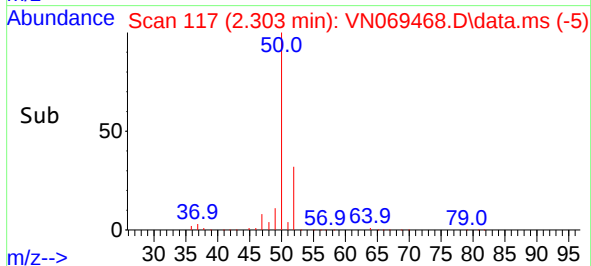
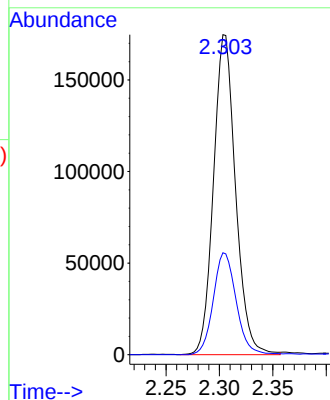
Instrument :
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Tgt Ion: 50 Resp: 250889
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

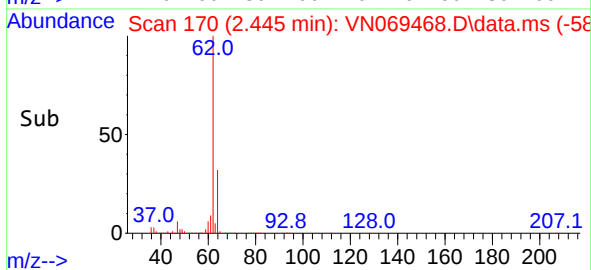
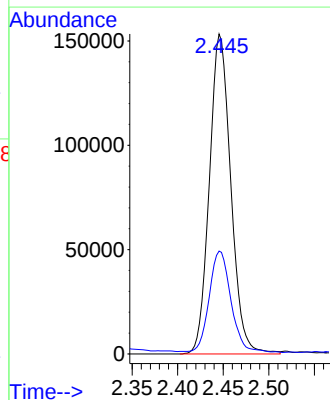
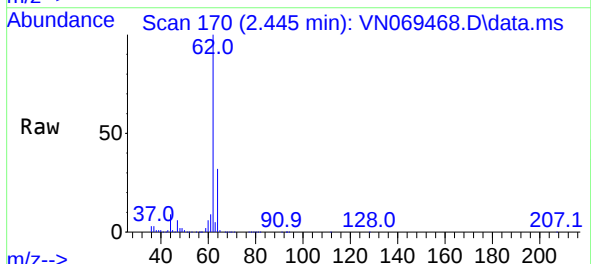
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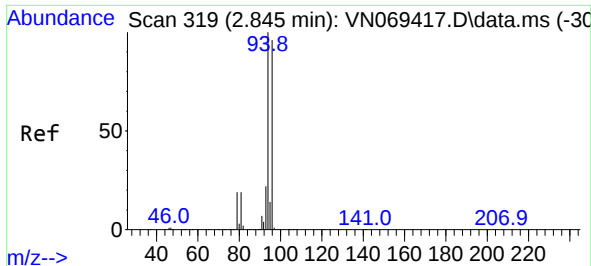
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#4
Vinyl Chloride
Concen: 17.660 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion: 62 Resp: 250903
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





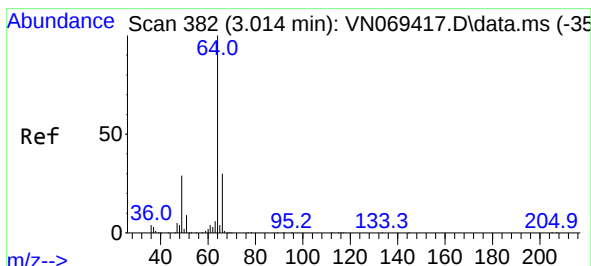
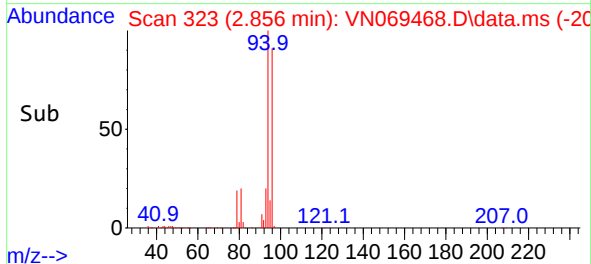
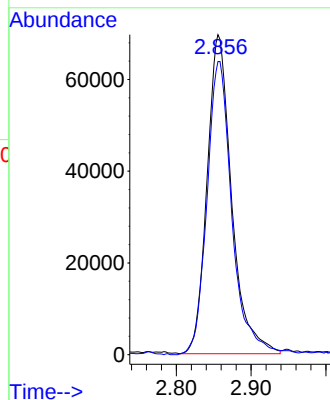
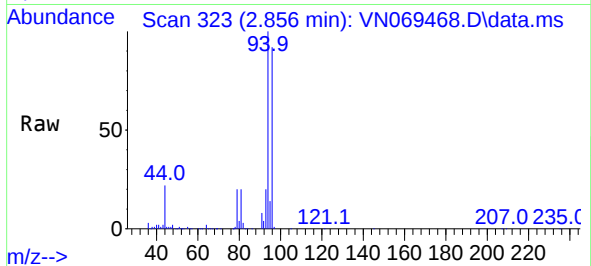
#5
Bromomethane
Concen: 17.238 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069468.D
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Tgt Ion: 94 Resp: 159052
Ion Ratio Lower Upper
94 100
96 91.6 73.8 110.8

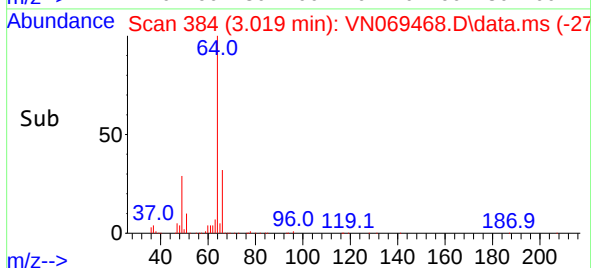
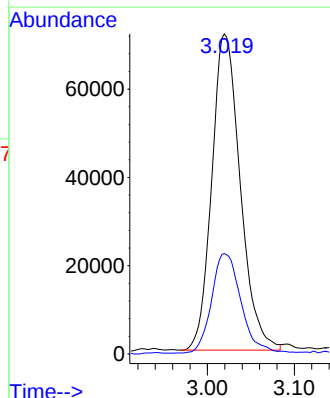
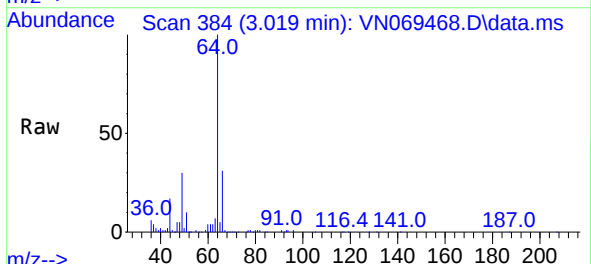
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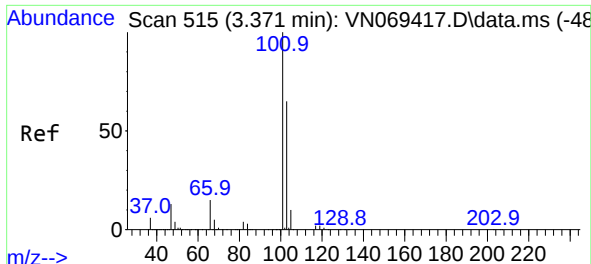
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 16.999 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN069468.D
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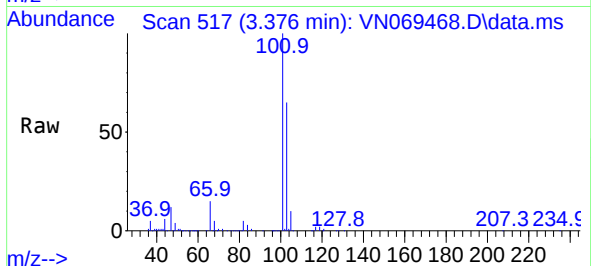
Tgt Ion: 64 Resp: 163013
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.379 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069468.D
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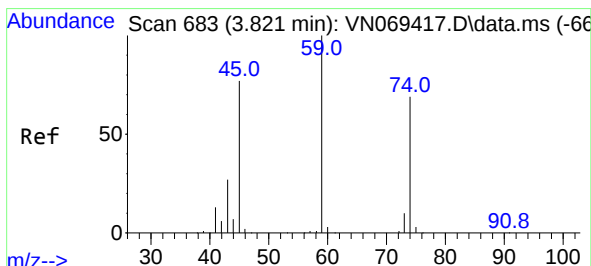
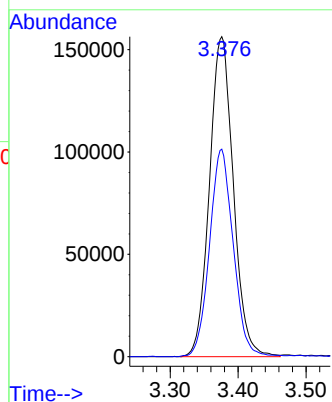
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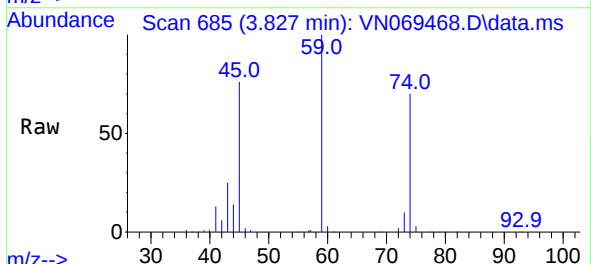
Tgt Ion:101 Resp: 381588
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

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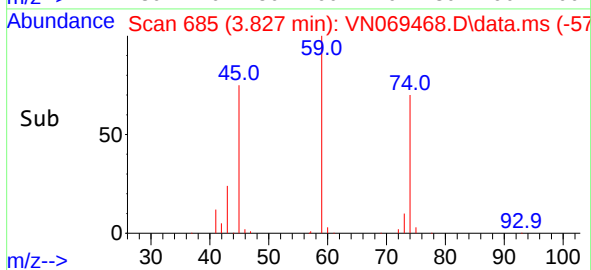
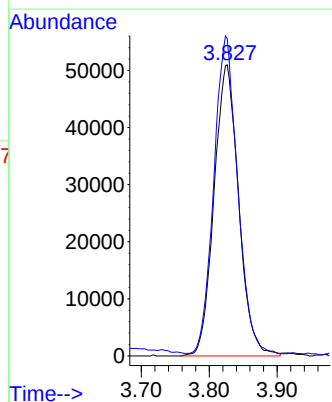
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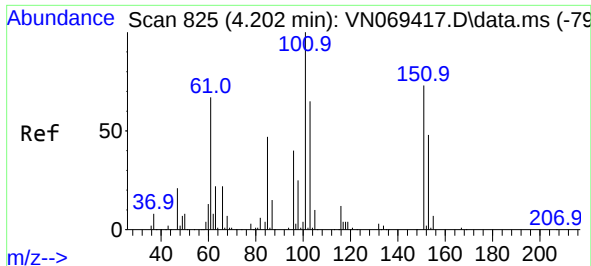


#8
Diethyl Ether
Concen: 18.071 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 128377
Ion Ratio Lower Upper
74 100
45 105.1 47.0 141.2





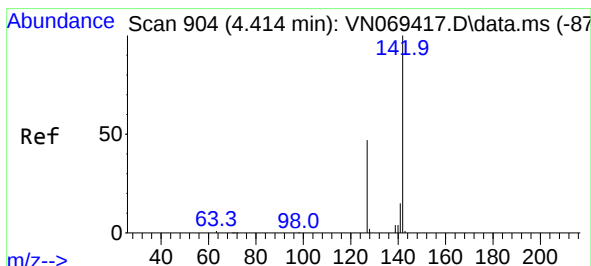
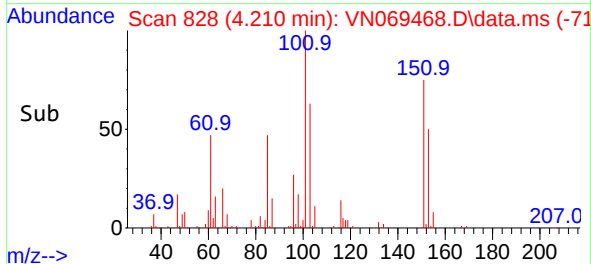
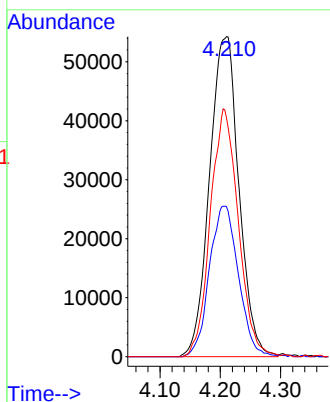
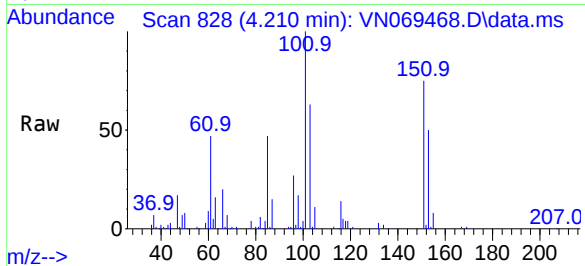
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.774 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion:101 Resp: 18384
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 73.7 65.9 98.9

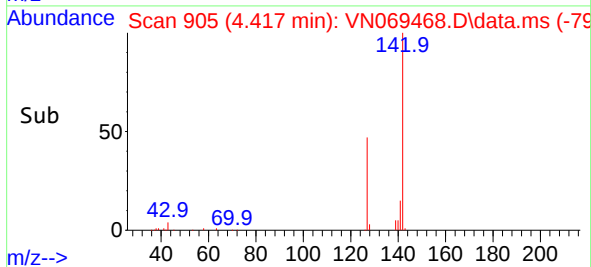
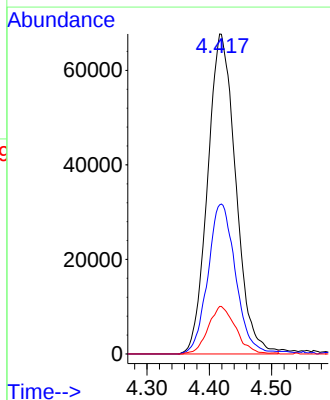
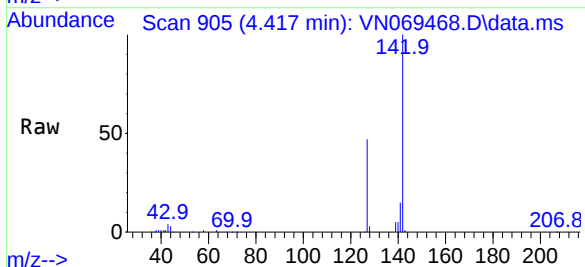
Manual Integrations
APPROVED

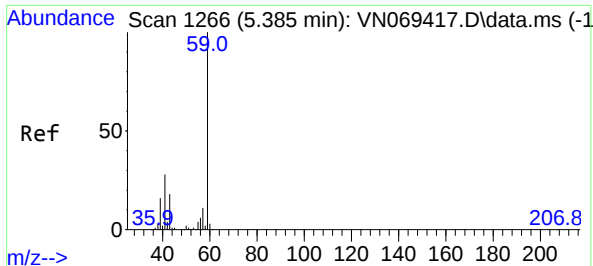
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 16.712 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

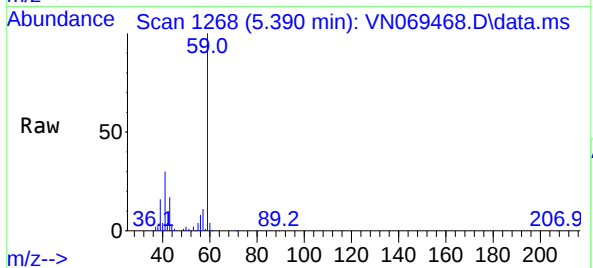
Tgt Ion:142 Resp: 212016
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 83.622 ug/l
RT: 5.390 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

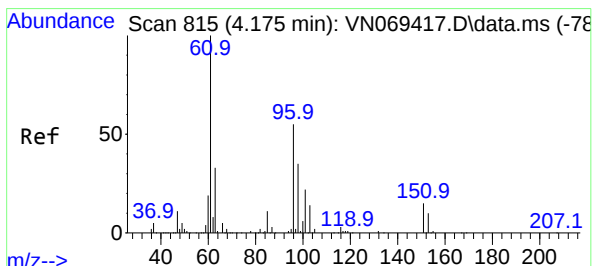
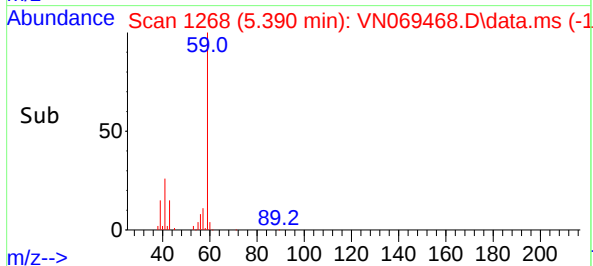
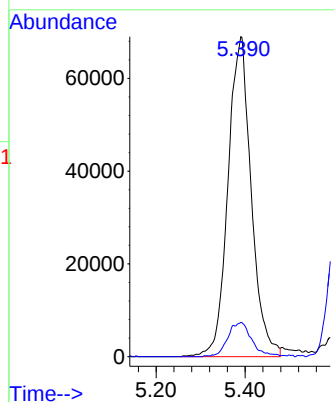
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 59 Resp: 25020
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

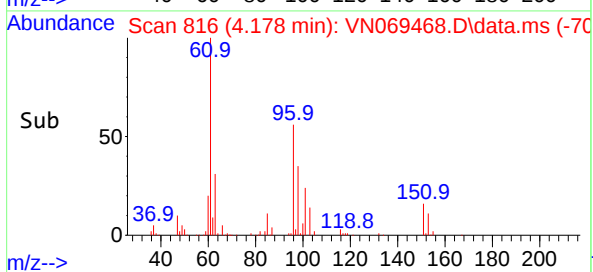
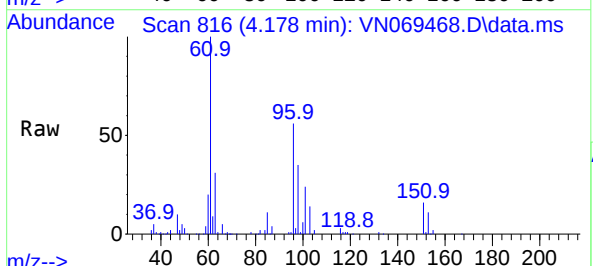
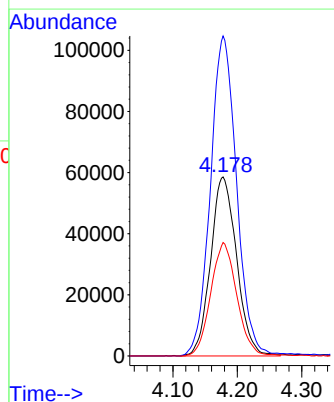
Manual Integrations
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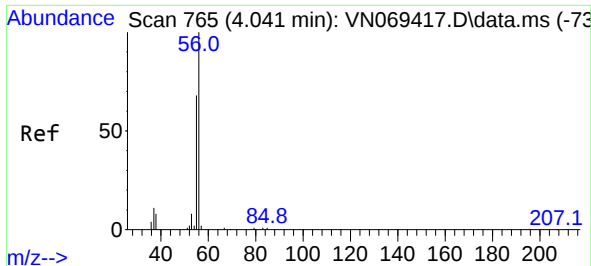
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 17.735 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

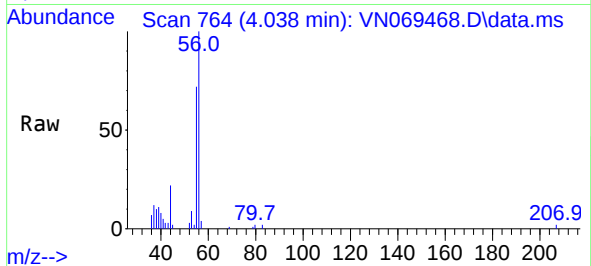
Tgt Ion: 96 Resp: 164613
Ion Ratio Lower Upper
96 100
61 178.7 131.0 196.6
98 63.4 52.4 78.6





#13
Acrolein
Concen: 71.502 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

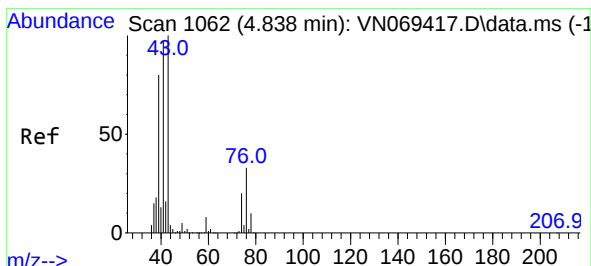
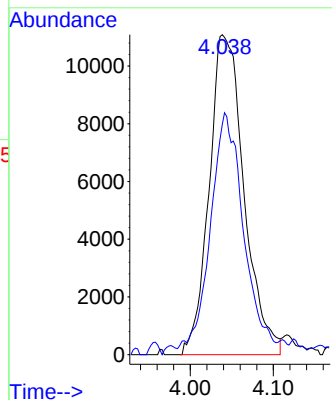
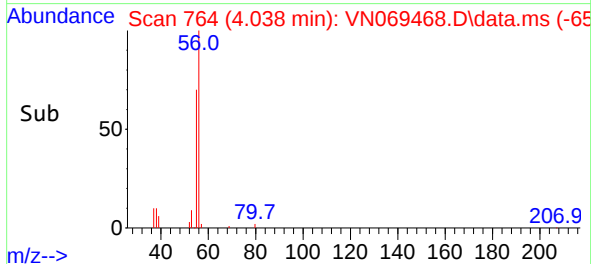
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



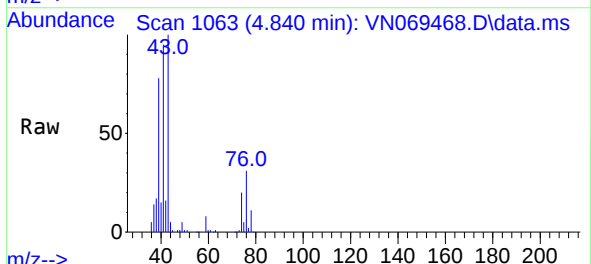
Tgt Ion: 56 Resp: 32290
Ion Ratio Lower Upper
56 100
55 68.9 56.6 85.0

Manual Integrations
APPROVED

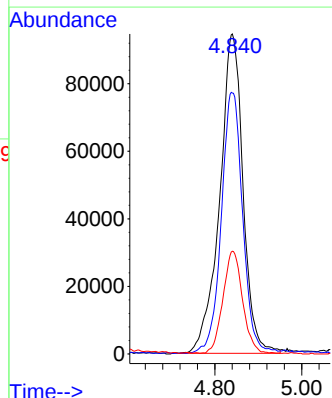
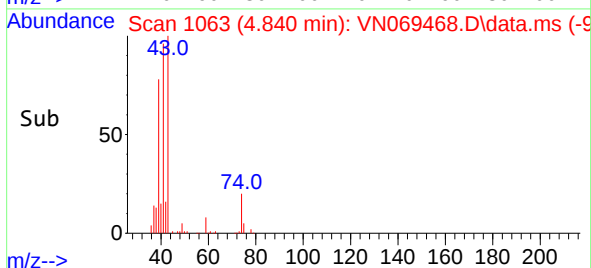
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

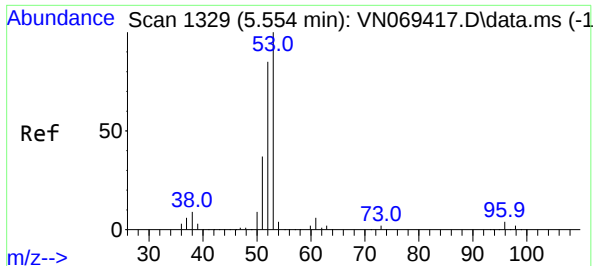


#14
Allyl chloride
Concen: 17.216 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



Tgt Ion: 41 Resp: 353286
Ion Ratio Lower Upper
41 100
39 74.5 61.2 91.8
76 26.6 26.0 39.0





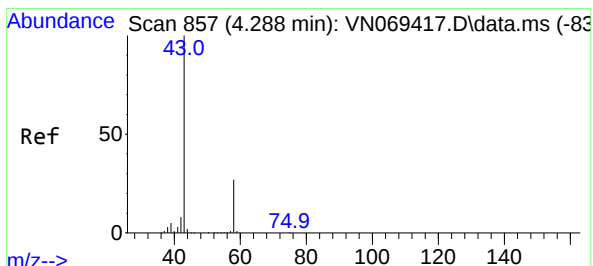
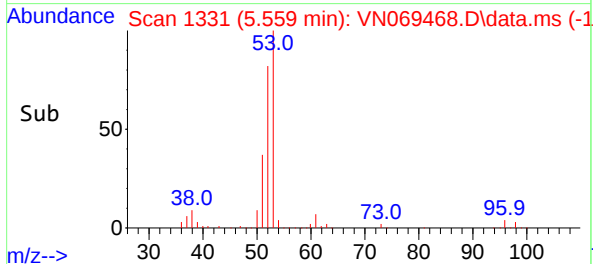
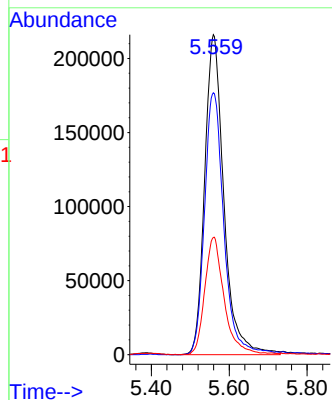
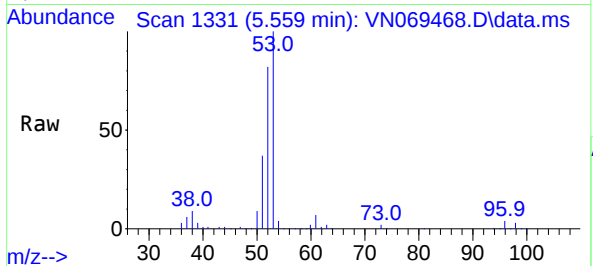
#15
Acrylonitrile
Concen: 96.471 ug/l
RT: 5.559 min Scan# 1329
Delta R.T. 0.005 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 53 Resp: 739190
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.2
51 37.0 29.6 44.4

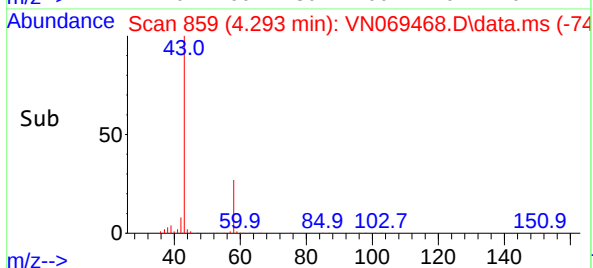
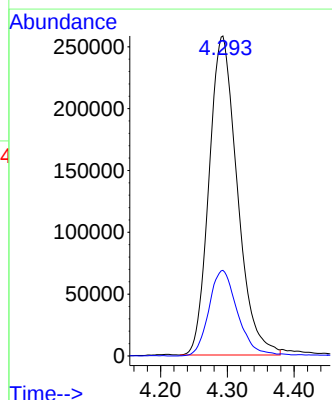
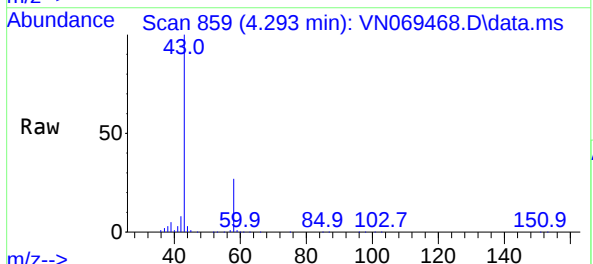
Manual Integrations
APPROVED

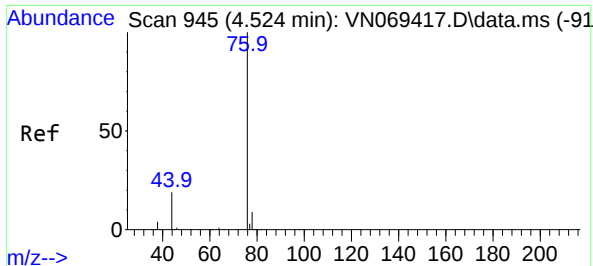
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 84.632 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion: 43 Resp: 758210
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





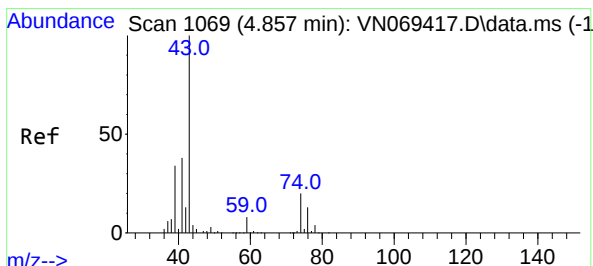
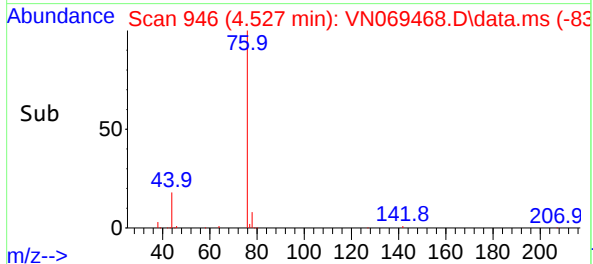
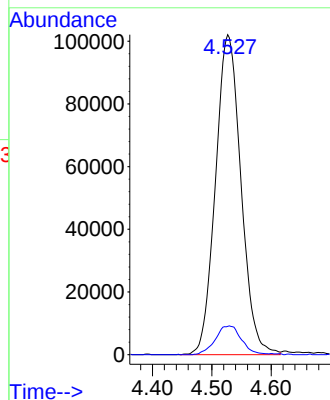
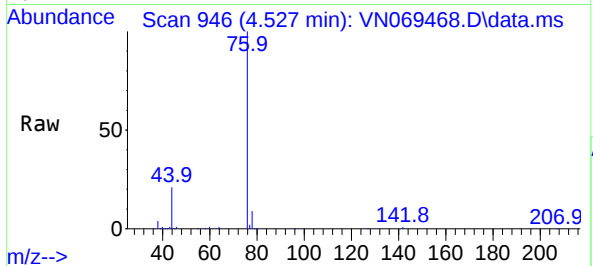
#17
Carbon Disulfide
Concen: 13.893 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 76 Resp: 30480
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

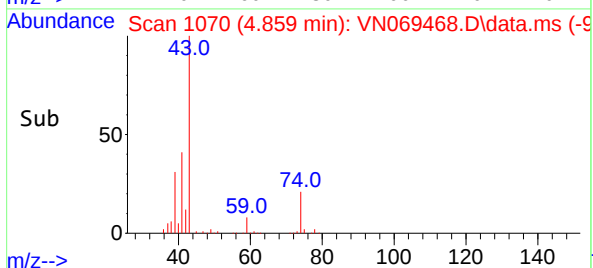
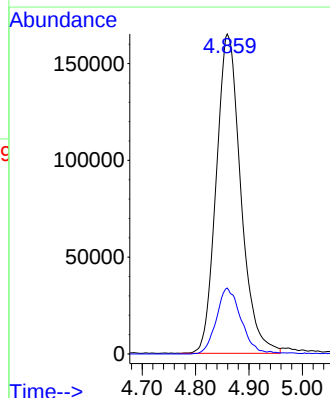
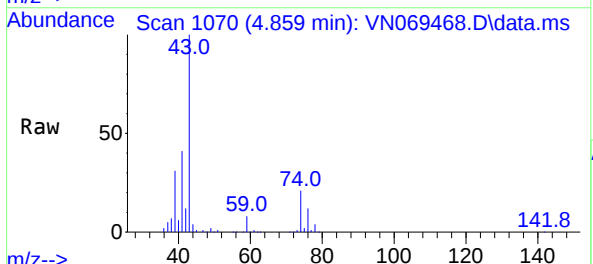
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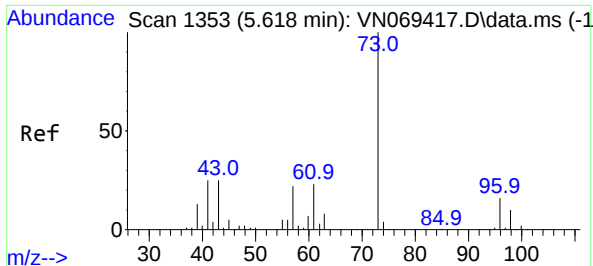
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 18.103 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion: 43 Resp: 527219
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 18.571 ug/l

RT: 5.621 min Scan# 11354

Delta R.T. 0.003 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS01

Tgt Ion: 73 Resp: 72949

Ion Ratio Lower Upper

73 100

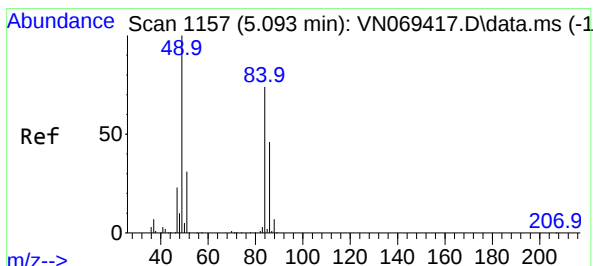
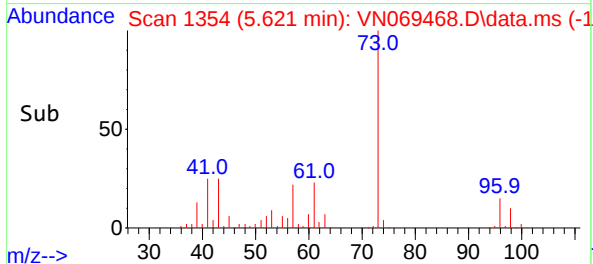
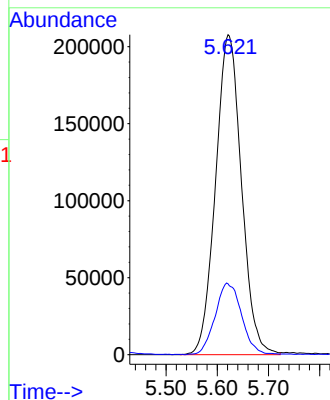
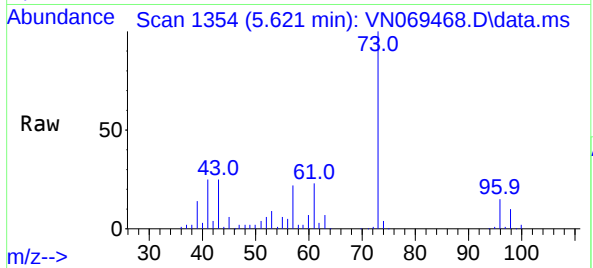
57 22.0 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 17.220 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

Tgt Ion: 84 Resp: 218767

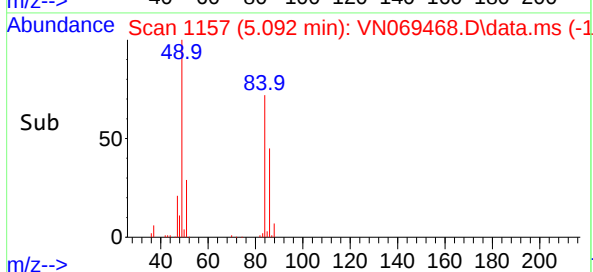
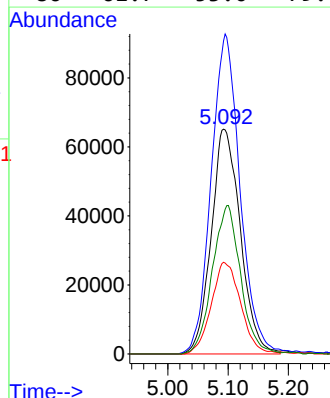
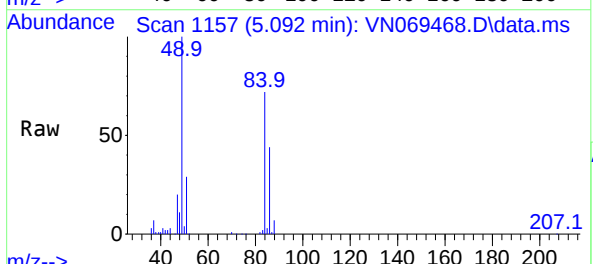
Ion Ratio Lower Upper

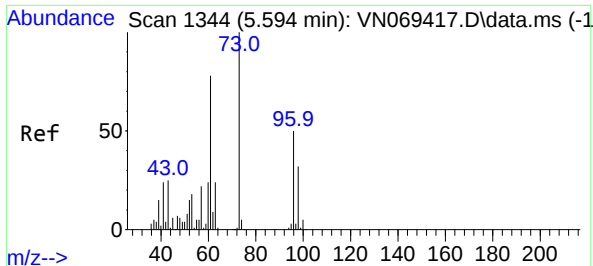
84 100

49 139.1 93.5 140.3

51 40.8 29.4 44.2

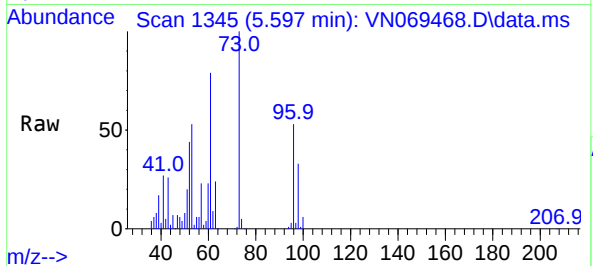
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.552 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

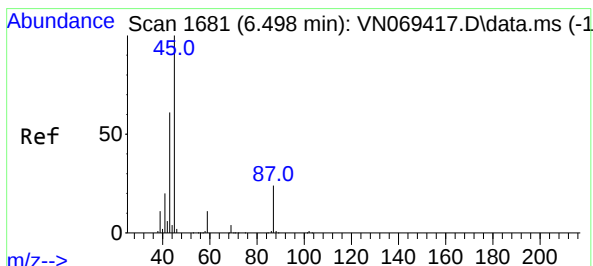
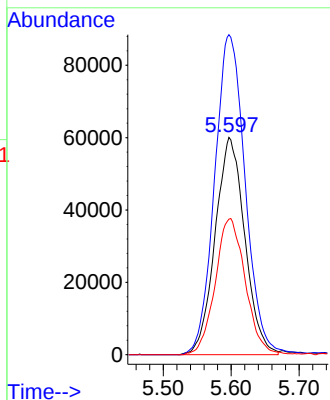
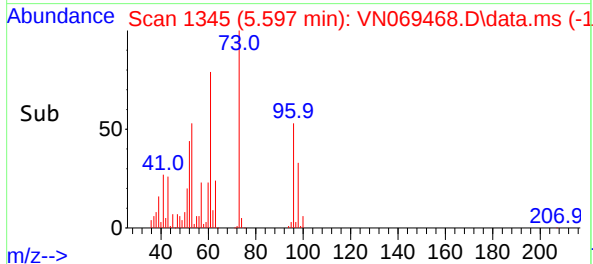
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



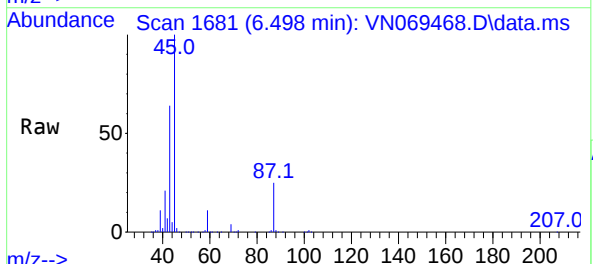
Tgt Ion: 96 Resp: 181964
Ion Ratio Lower Upper
96 100
61 147.2 105.8 158.6
98 62.3 52.0 78.0

Manual Integrations
APPROVED

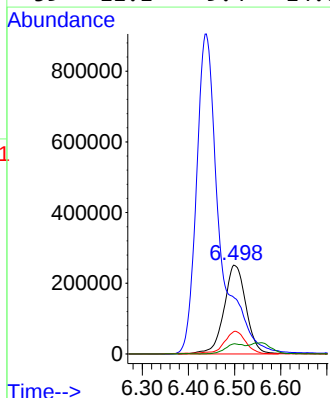
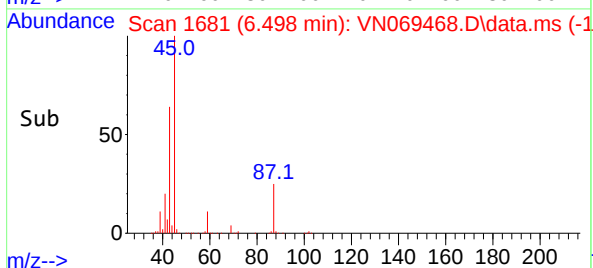
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

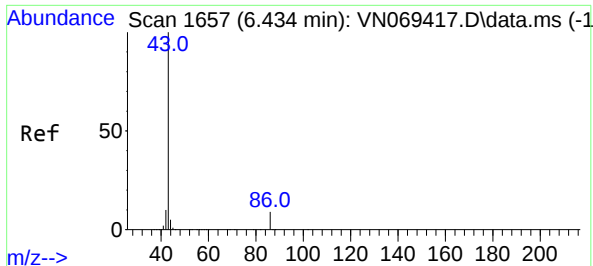


#22
Diisopropyl ether
Concen: 18.792 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



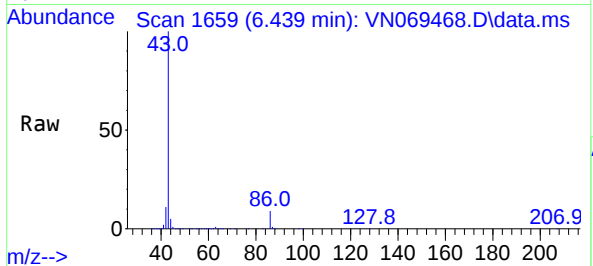
Tgt Ion: 45 Resp: 830692
Ion Ratio Lower Upper
45 100
43 62.4 51.7 77.5
87 24.9 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 91.925 ug/l
 RT: 6.439 min Scan# 1657
 Delta R.T. 0.005 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14

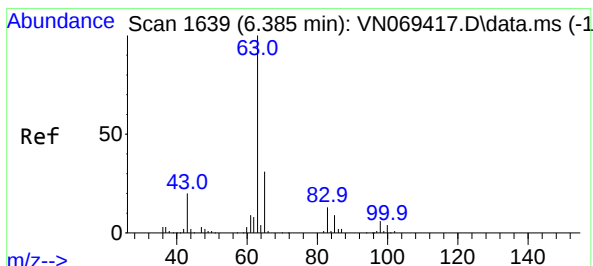
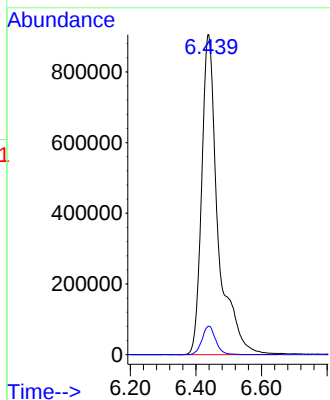
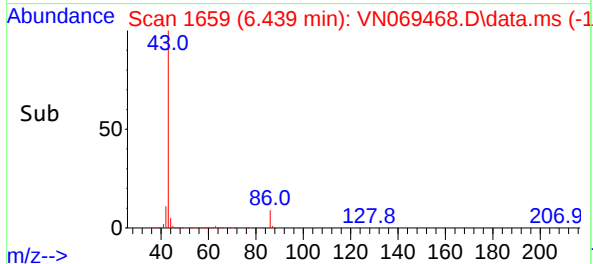
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01



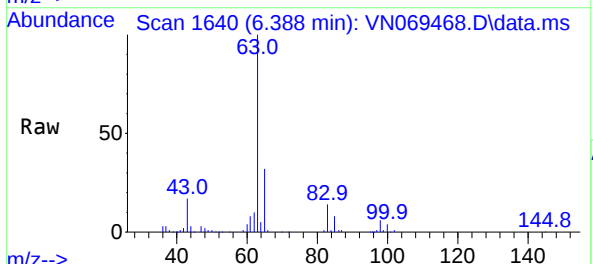
Tgt Ion: 43 Resp: 314287
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

Manual Integrations
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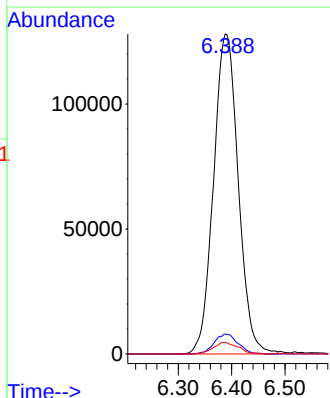
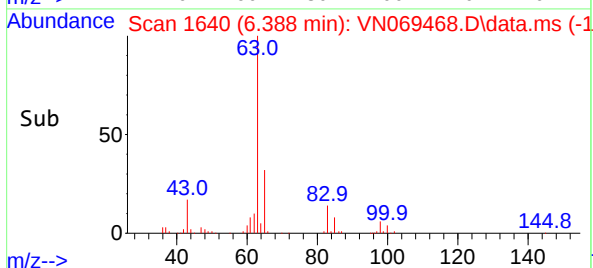
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

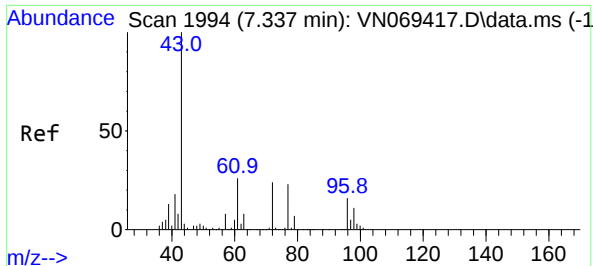


#24
 1,1-Dichloroethane
 Concen: 18.289 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14



Tgt Ion: 63 Resp: 411776
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 92.005 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS01

Tgt Ion: 43 Resp: 111613

Ion Ratio Lower Upper

43 100

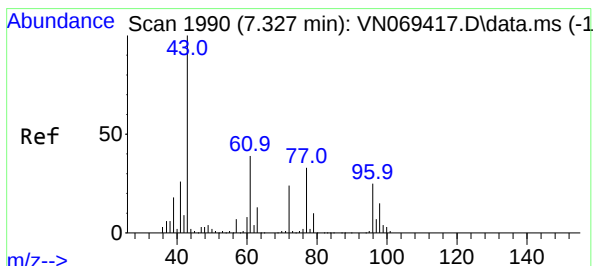
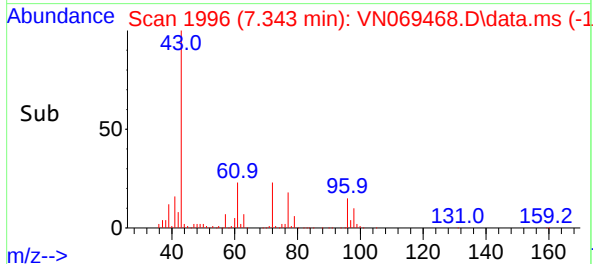
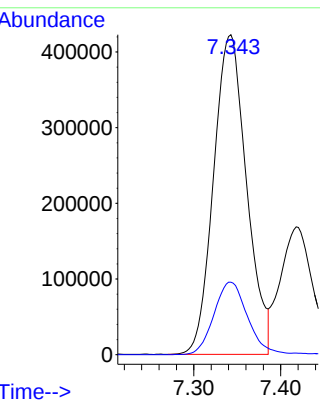
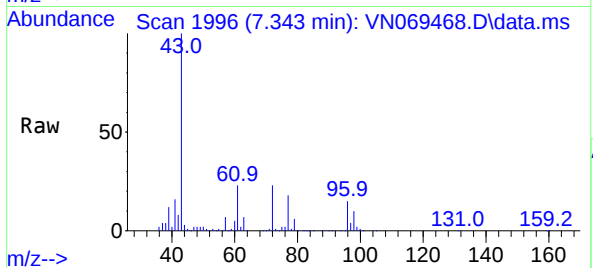
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 16.676 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069468.D

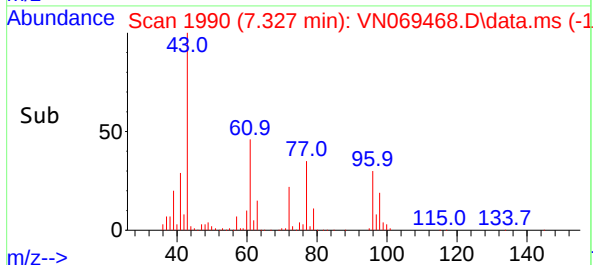
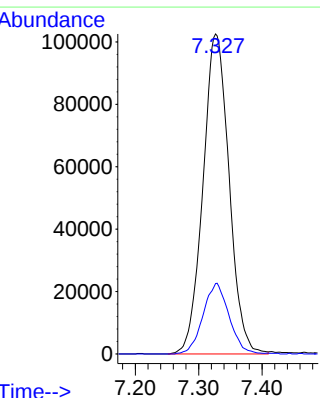
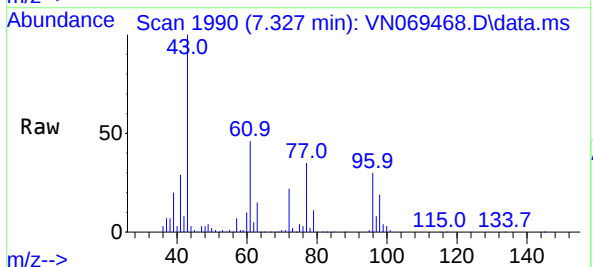
Acq: 12 Nov 2021 15:14

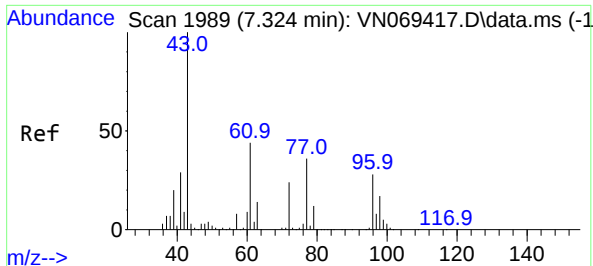
Tgt Ion: 77 Resp: 293774

Ion Ratio Lower Upper

77 100

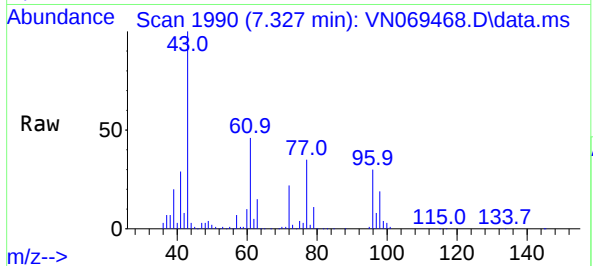
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.471 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14

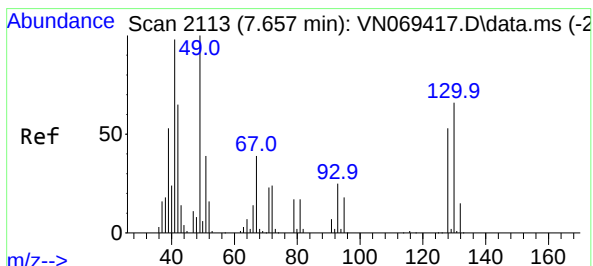
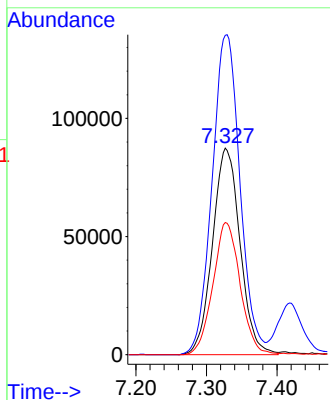
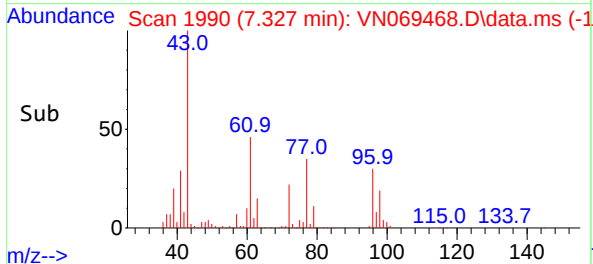
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01



Tgt Ion: 96 Resp: 23738
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 275.0
 98 63.1 0.0 129.6

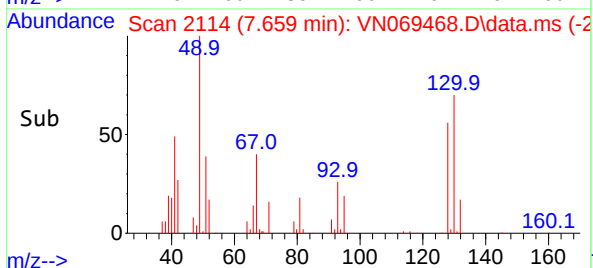
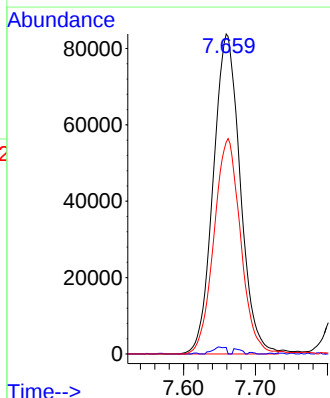
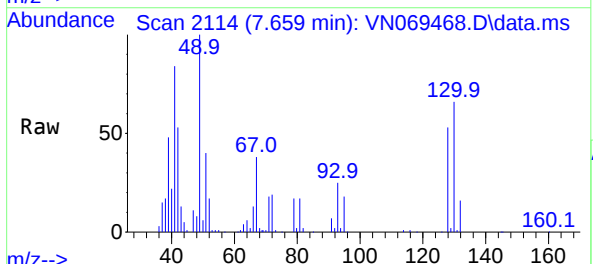
Manual Integrations
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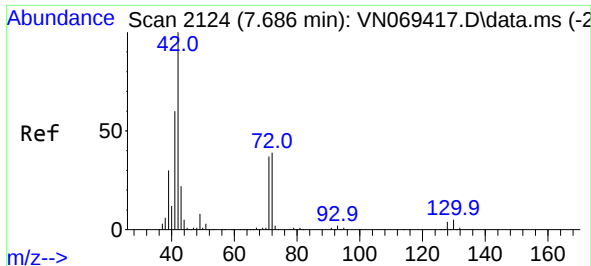
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 18.869 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14

Tgt Ion: 49 Resp: 217568
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.0
 130 66.8 67.8 101.8





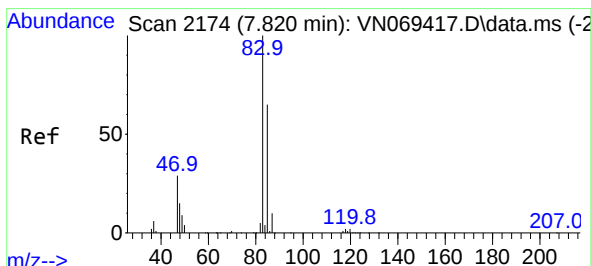
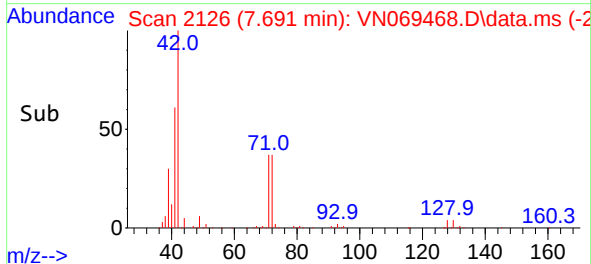
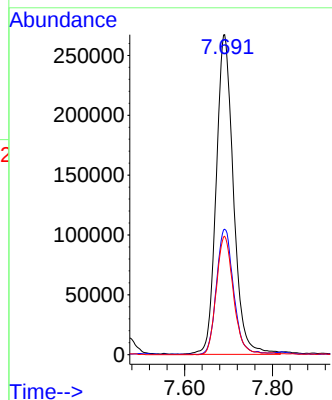
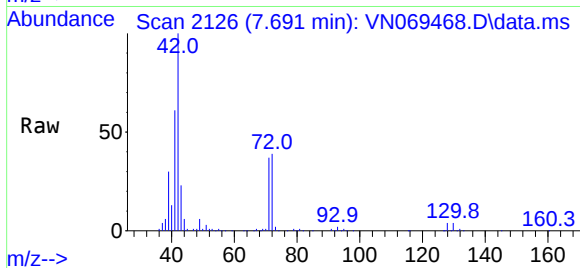
#29
Tetrahydrofuran
Concen: 97.629 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.005 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 42 Resp: 72680
Ion Ratio Lower Upper
42 100
72 38.6 36.3 54.5
71 36.7 34.7 52.1

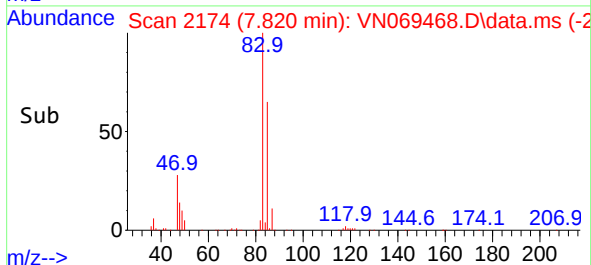
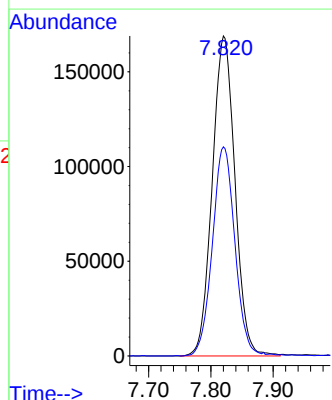
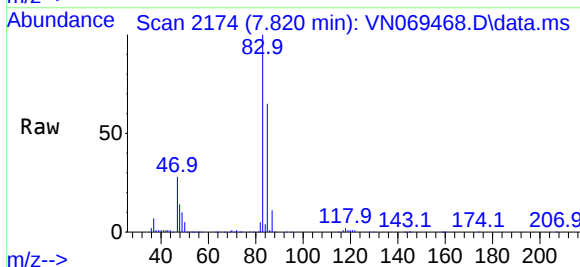
Manual Integrations
APPROVED

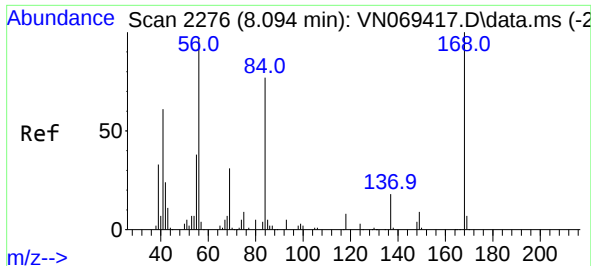
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Chloroform
Concen: 18.549 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

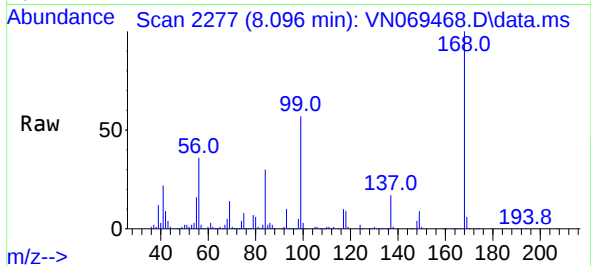
Tgt Ion: 83 Resp: 428162
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 17.284 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

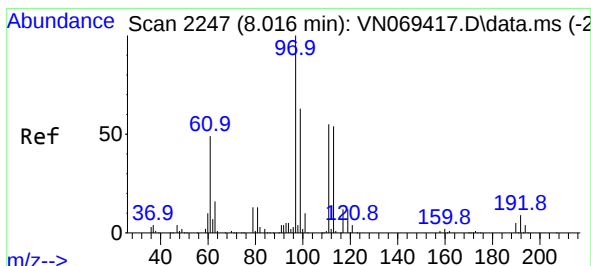
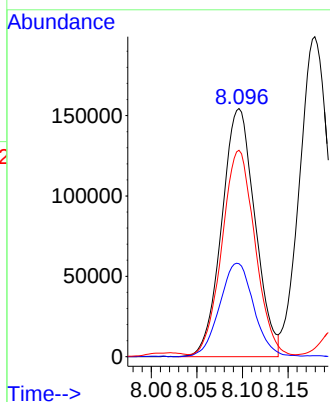
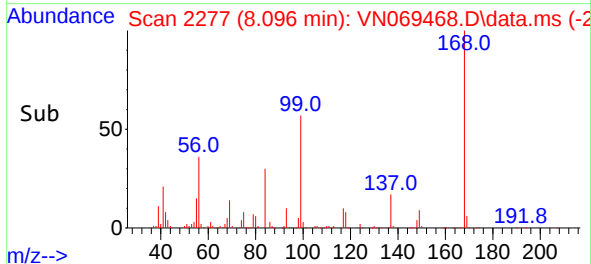
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



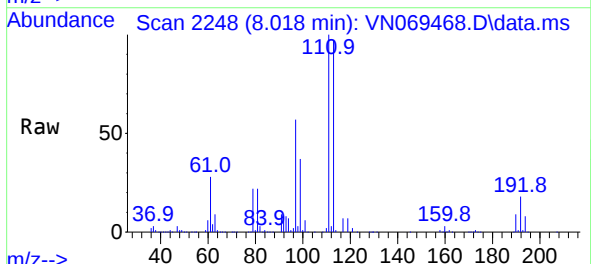
Tgt Ion: 56 Resp: 392092
Ion Ratio Lower Upper
56 100
69 37.5 27.1 40.7
84 81.8 73.4 110.0

Manual Integrations
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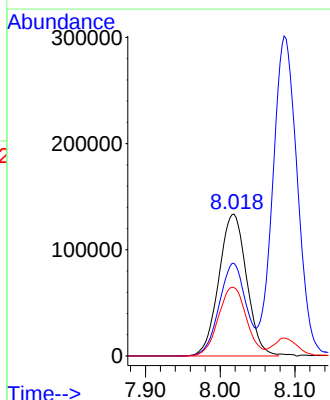
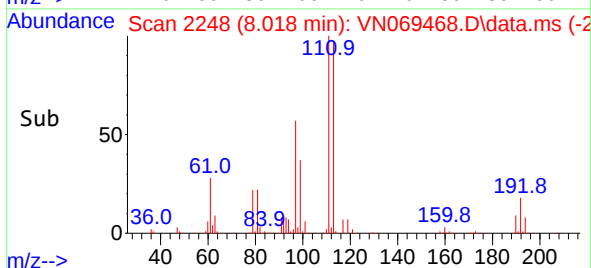
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

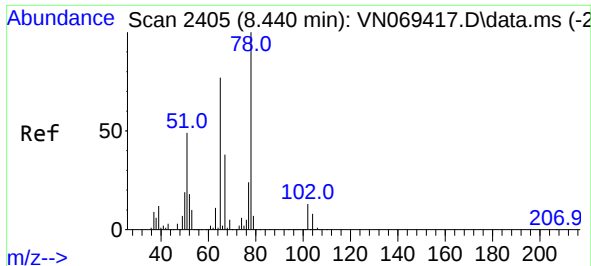


#32
1,1,1-Trichloroethane
Concen: 17.897 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



Tgt Ion: 97 Resp: 344831
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 49.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.081 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069468.D

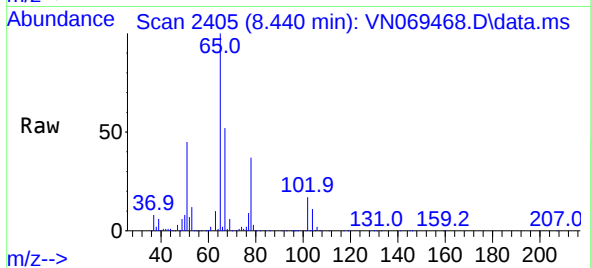
Acq: 12 Nov 2021 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS01



Tgt Ion: 65 Resp: 831584

Ion Ratio Lower Upper

65 100

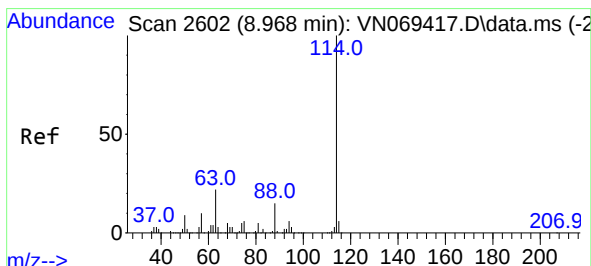
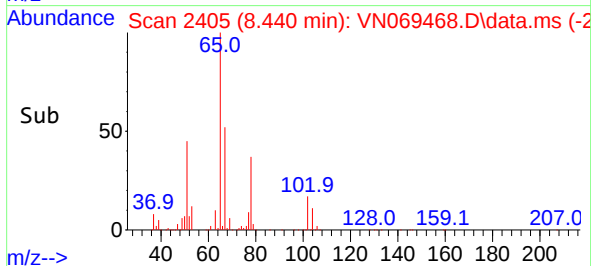
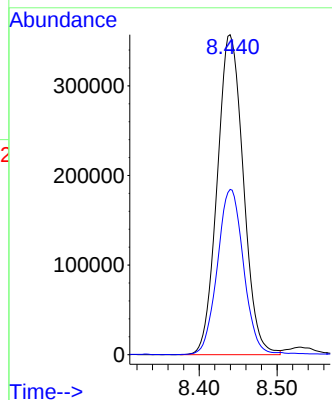
67 51.6 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

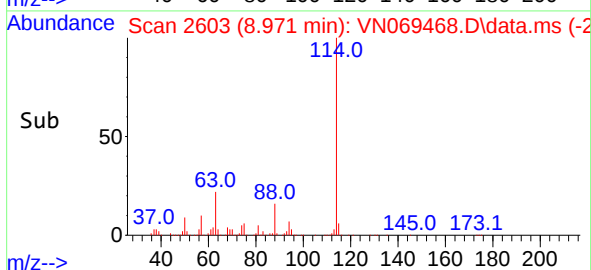
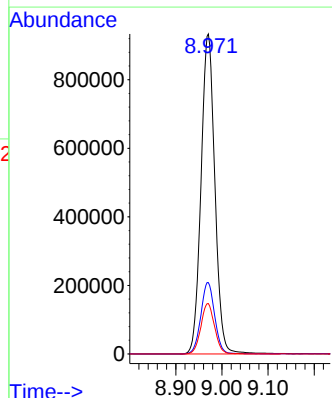
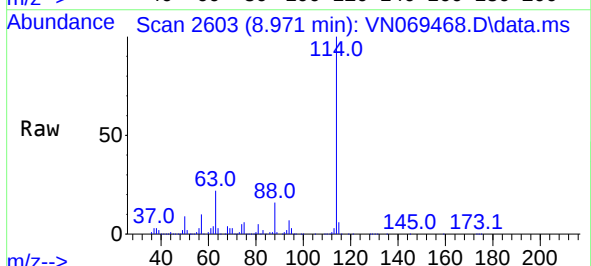
Tgt Ion:114 Resp: 1942236

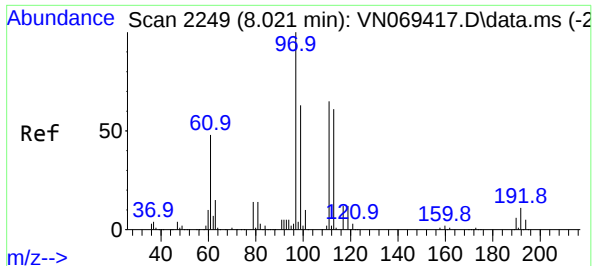
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

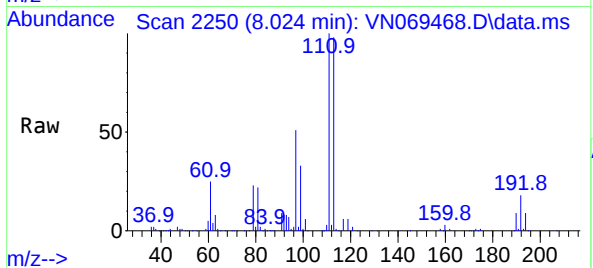
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.528 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

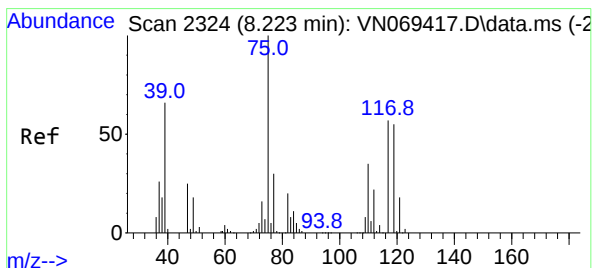
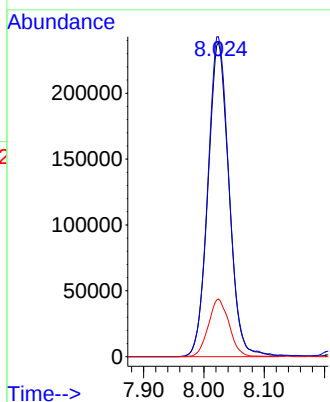
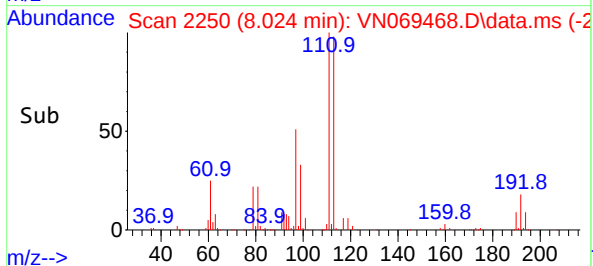
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



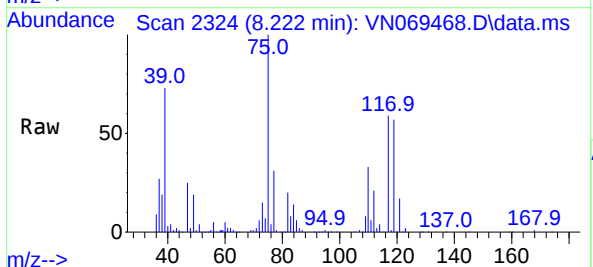
Tgt Ion: 113 Resp: 57694
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.2 16.9 25.3

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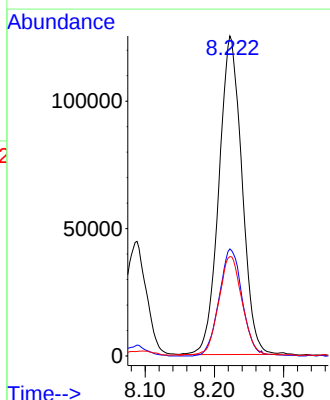
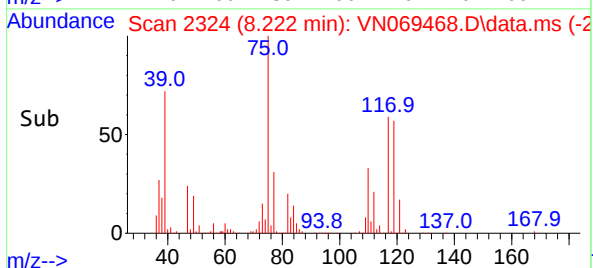
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

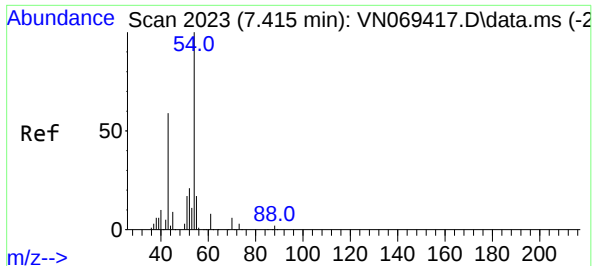


#36
1,1-Dichloropropene
Concen: 17.648 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



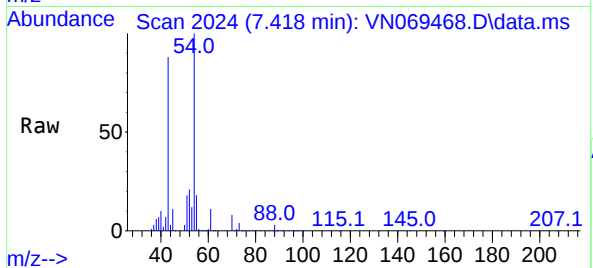
Tgt Ion: 75 Resp: 288423
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 20.137 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

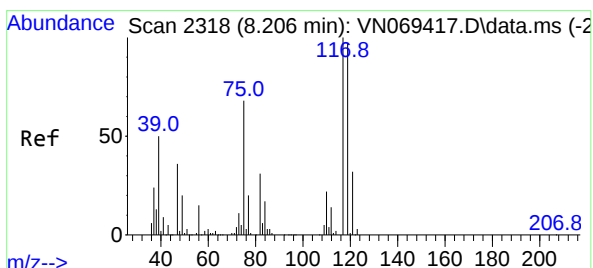
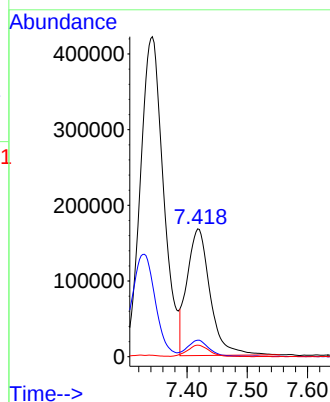
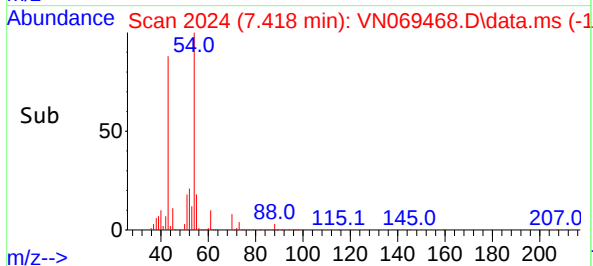
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



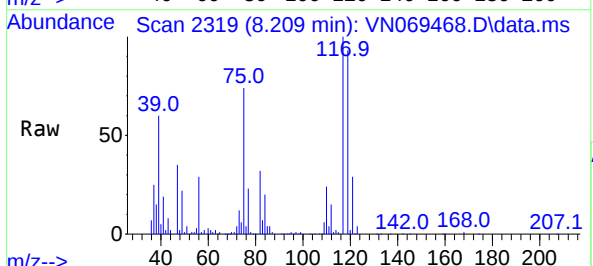
Tgt Ion: 43 Resp: 44487
Ion Ratio Lower Upper
43 100
61 11.7 11.5 17.3
70 7.9 7.9 11.9

Manual Integrations
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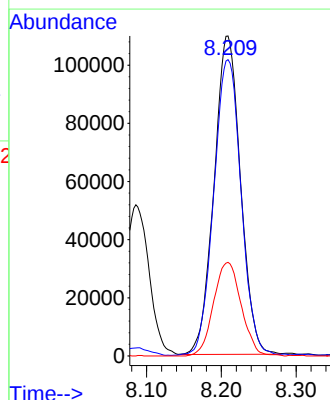
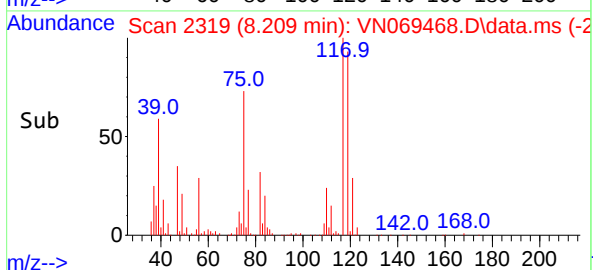
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

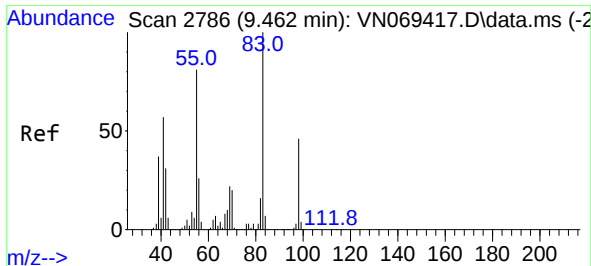


#38
Carbon Tetrachloride
Concen: 17.058 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



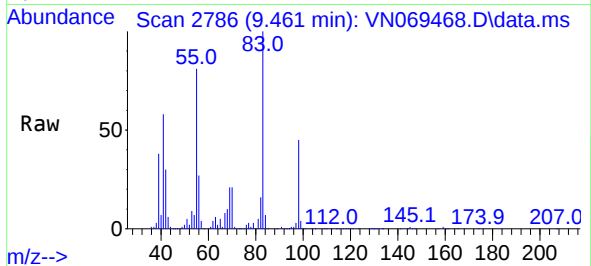
Tgt Ion:117 Resp: 269143
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1
121 29.4 24.2 36.2





#39
Methylcyclohexane
Concen: 17.143 ug/l
RT: 9.461 min Scan# 2111
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

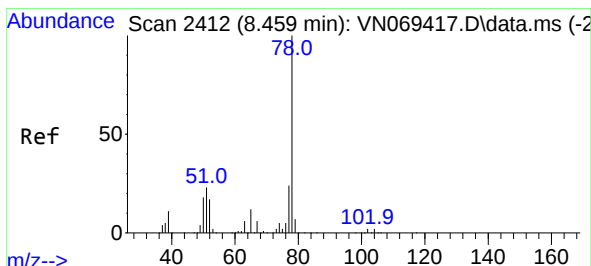
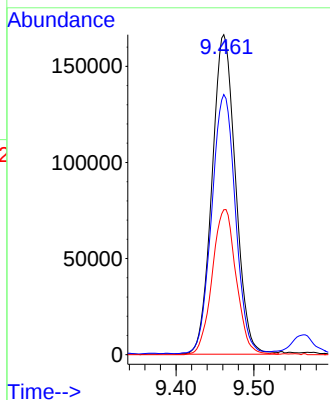
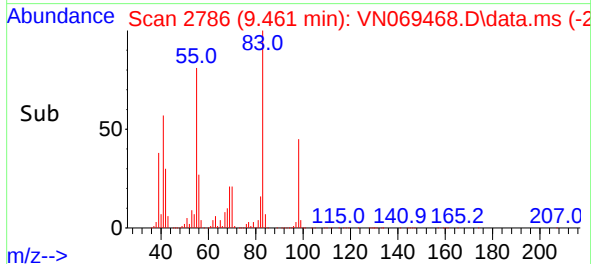
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 83 Resp: 34851
Ion Ratio Lower Upper
83 100
55 81.1 58.1 87.1
98 45.4 38.4 57.6

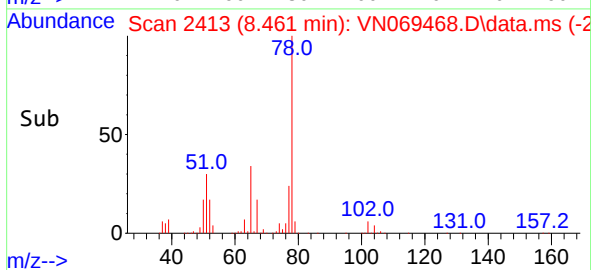
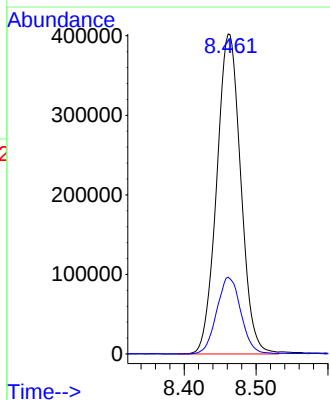
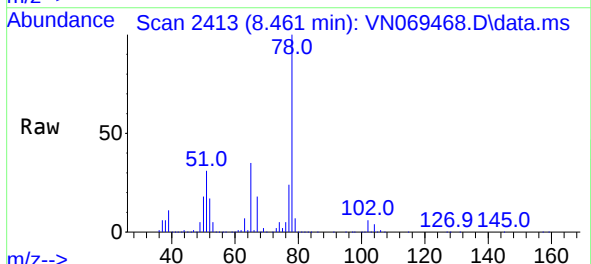
Manual Integrations
APPROVED

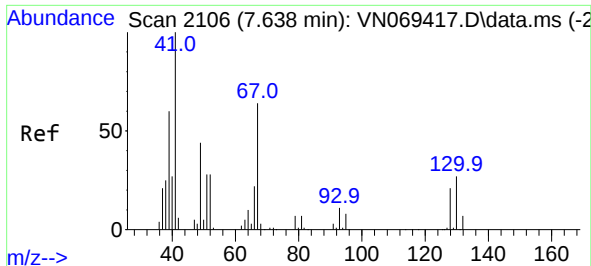
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 18.508 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

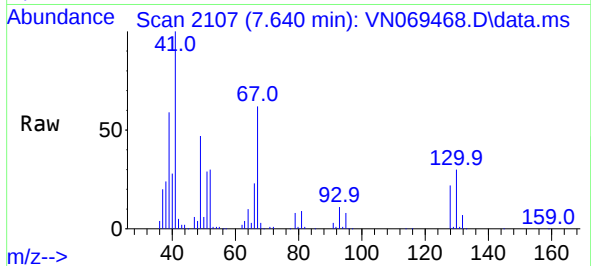
Tgt Ion: 78 Resp: 933601
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 18.722 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

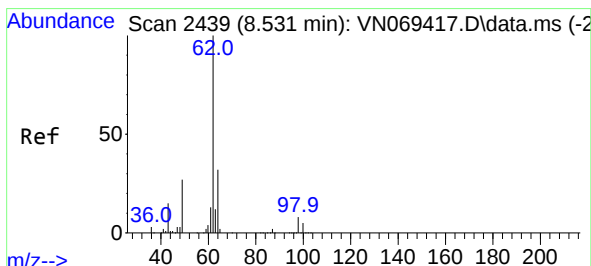
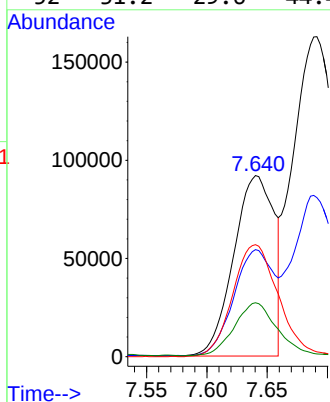
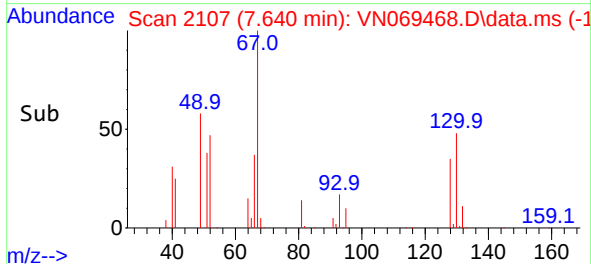
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 41 Resp: 21371
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 71.1 68.3 102.5
52 31.2 29.6 44.4

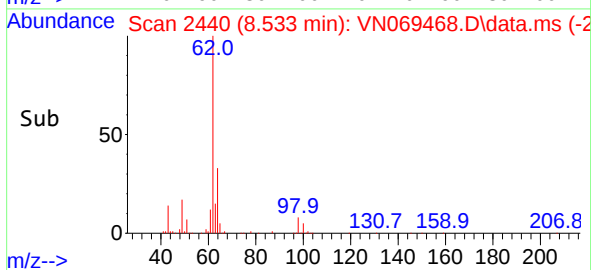
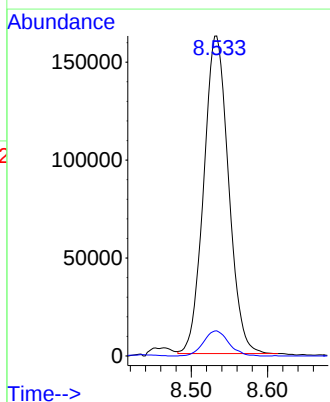
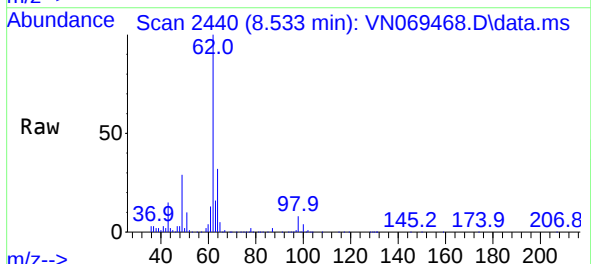
Manual Integrations
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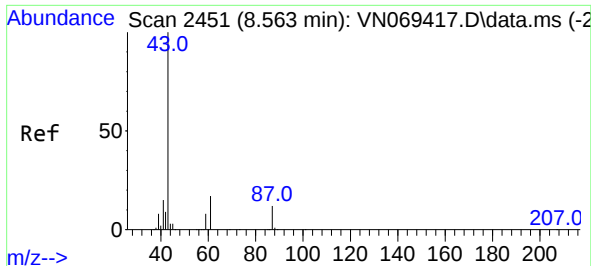
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 18.561 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

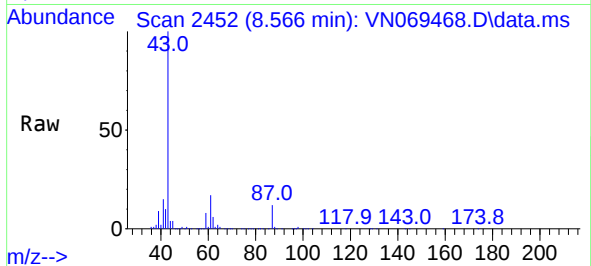
Tgt Ion: 62 Resp: 366622
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.733 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

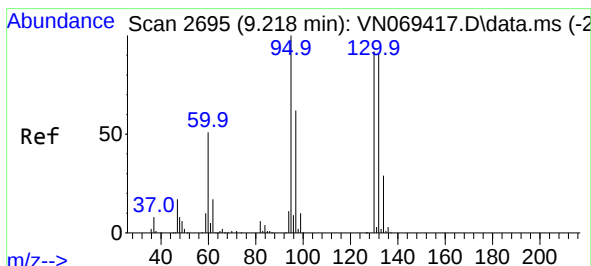
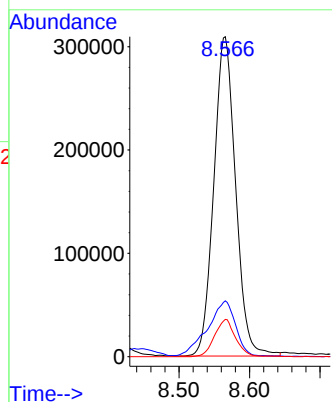
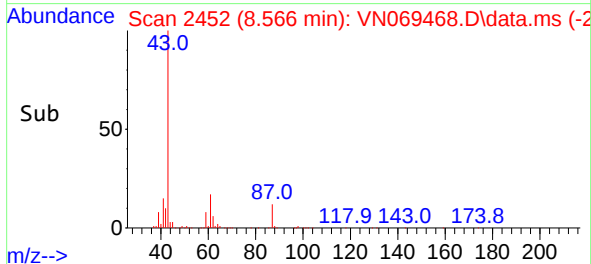
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 43 Resp: 664710
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.2 11.2 16.8

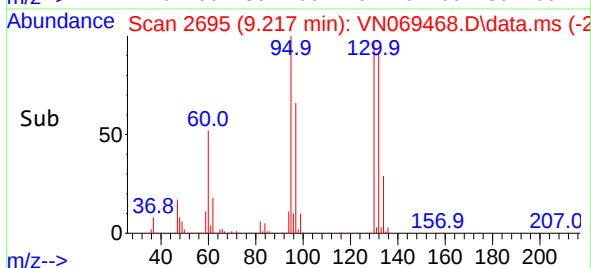
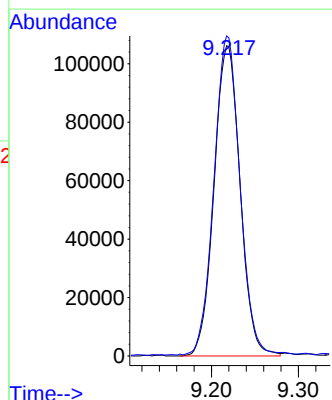
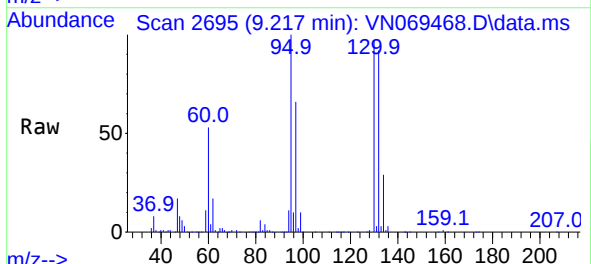
Manual Integrations
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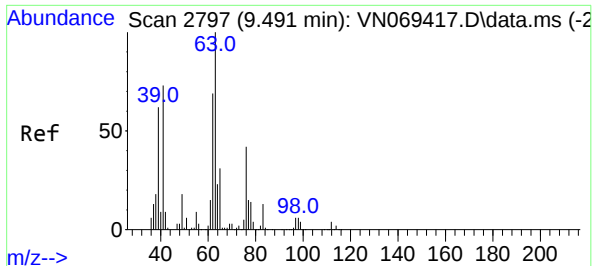
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 18.321 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion:130 Resp: 221190
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.882 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS01

Tgt Ion: 63 Resp: 25448

Ion Ratio Lower Upper

63 100

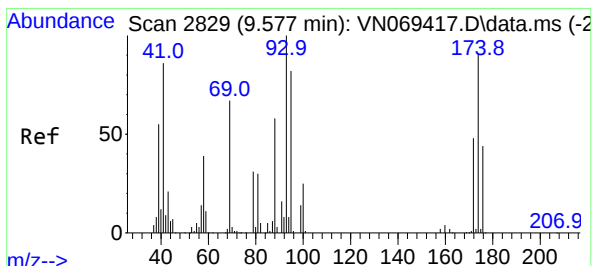
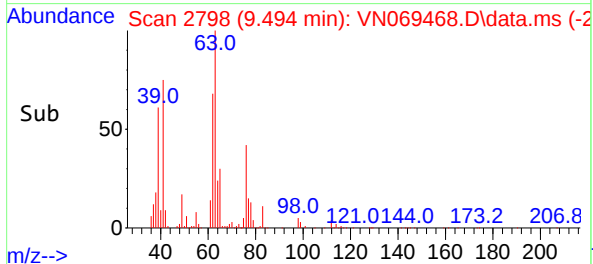
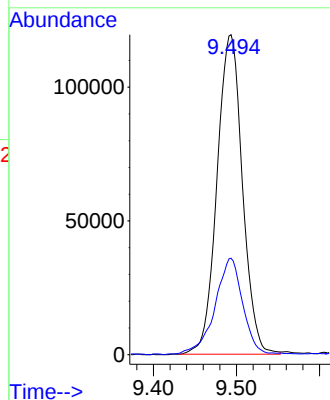
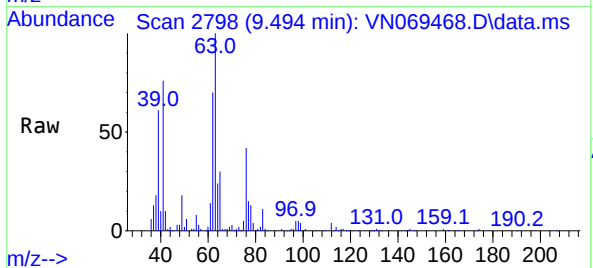
65 29.7 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 18.341 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

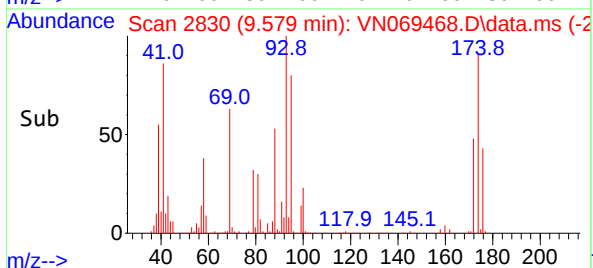
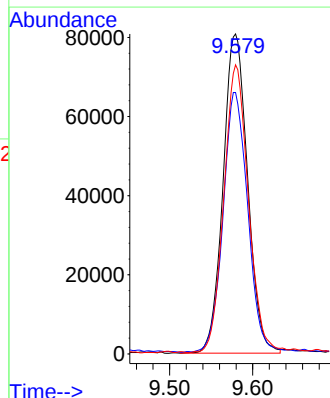
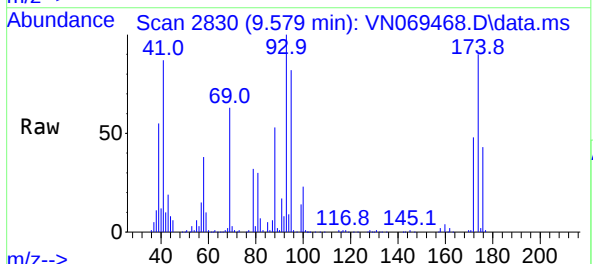
Tgt Ion: 93 Resp: 165565

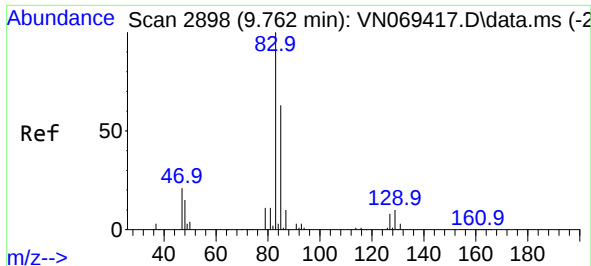
Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

174 90.4 84.6 127.0





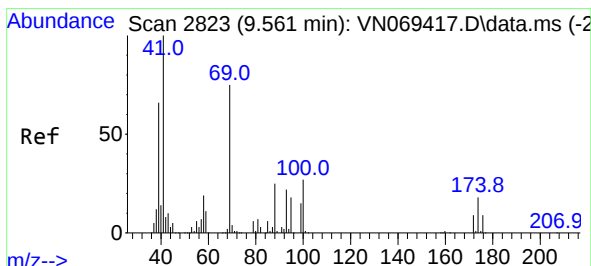
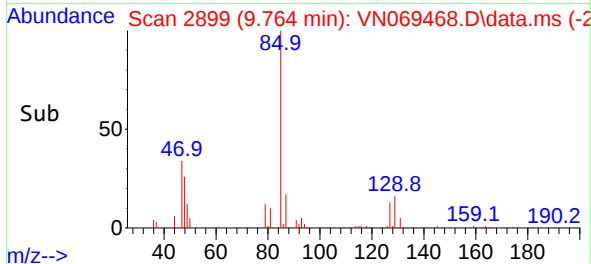
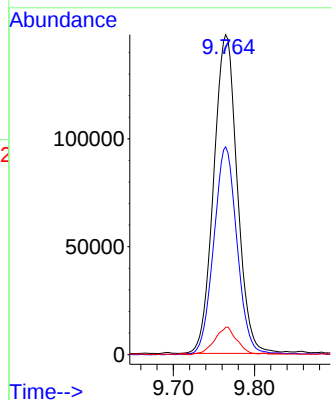
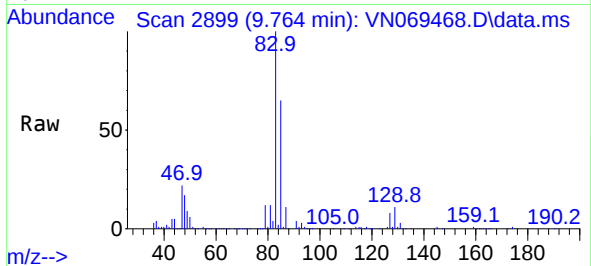
#47
Bromodichloromethane
Concen: 17.639 ug/l
RT: 9.764 min Scan# 2898
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 83 Resp: 29713
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 8.3 7.1 10.7

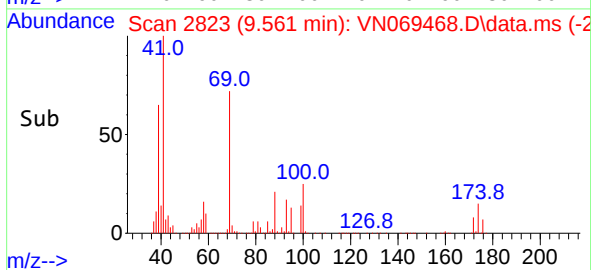
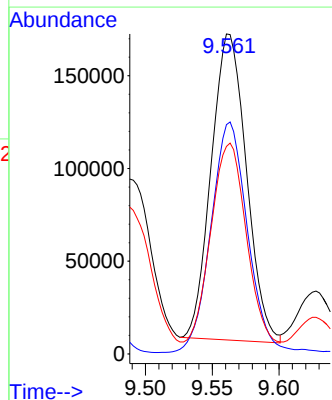
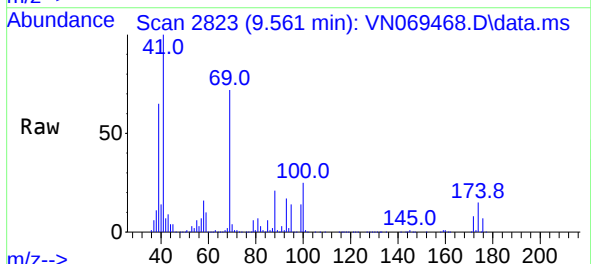
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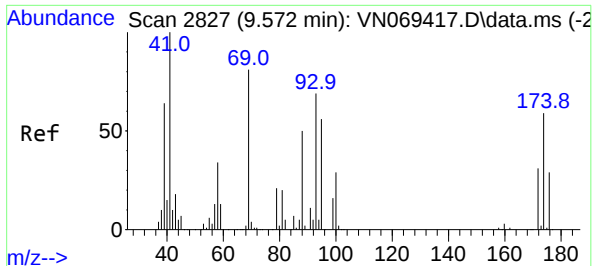
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 18.110 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

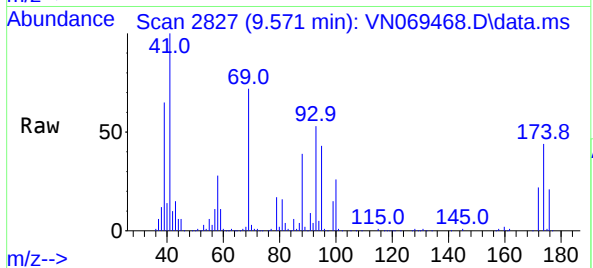
Tgt Ion: 41 Resp: 302342
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 65.7 58.4 87.6





#49
1,4-Dioxane
Concen: 356.246 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

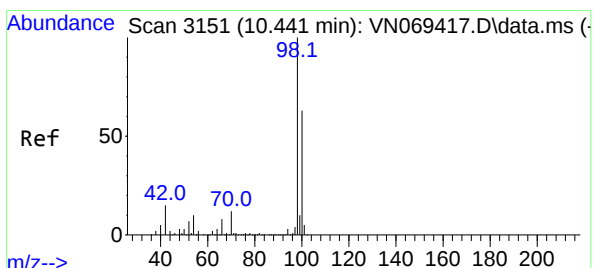
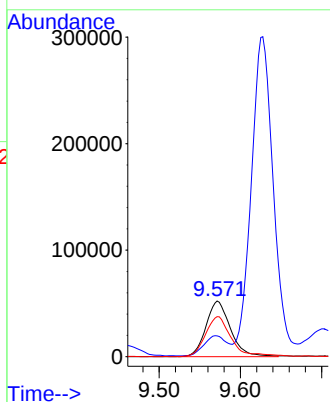
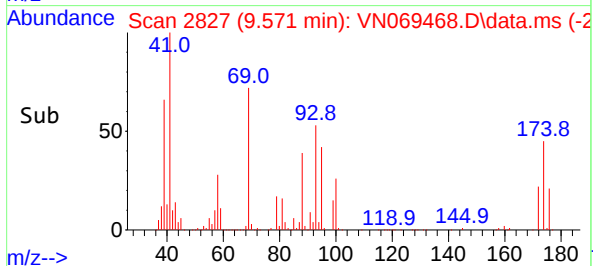
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 88 Resp: 109200
Ion Ratio Lower Upper
88 100
43 34.7 23.4 35.2
58 72.7 50.6 75.8

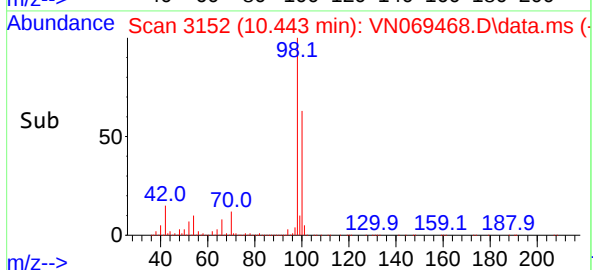
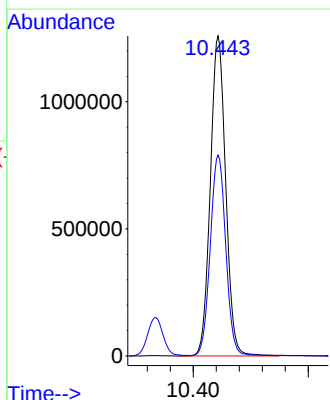
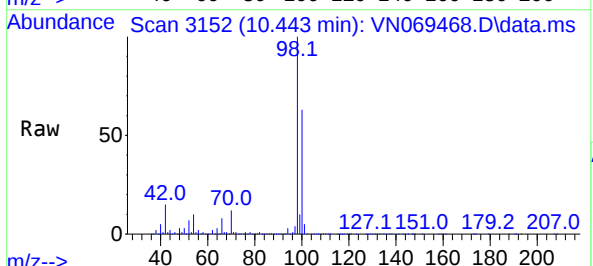
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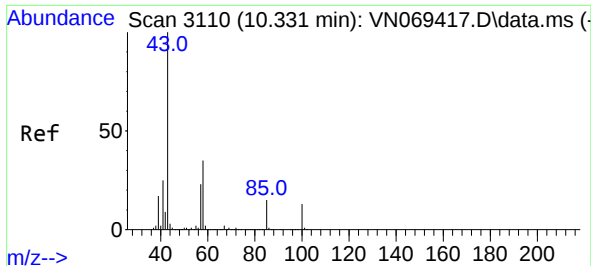
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 50.929 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion: 98 Resp: 2333279
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6





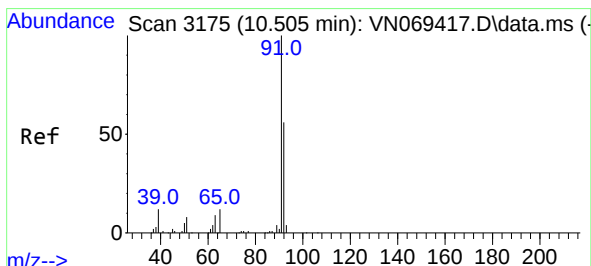
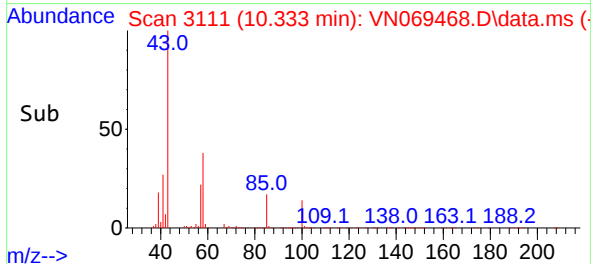
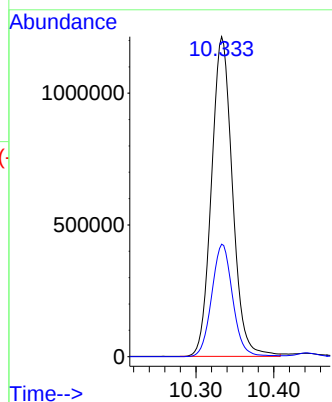
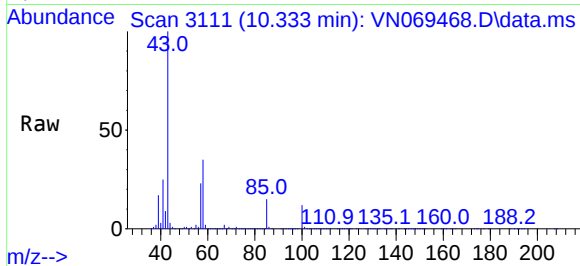
#51
4-Methyl-2-Pentanone
Concen: 99.075 ug/l
RT: 10.333 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 43 Resp: 2269214
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

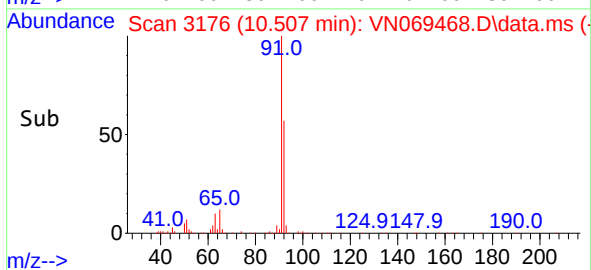
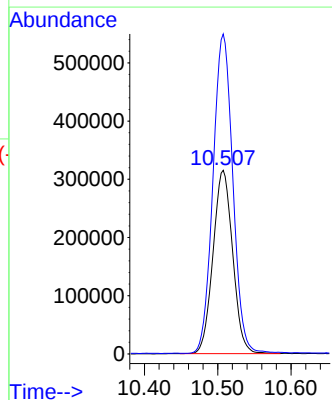
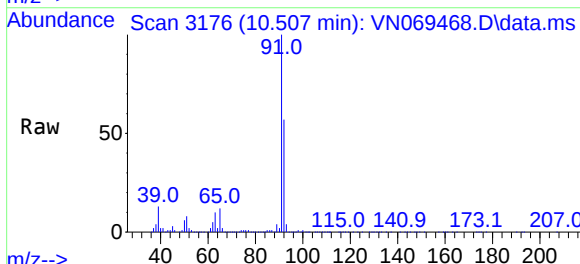
Manual Integrations
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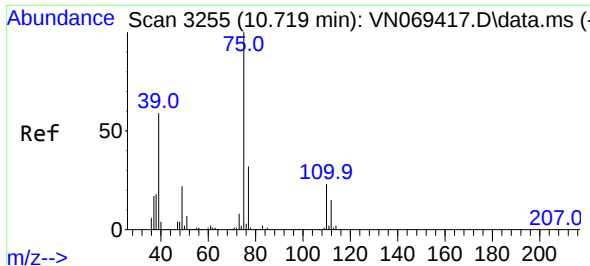
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 18.669 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

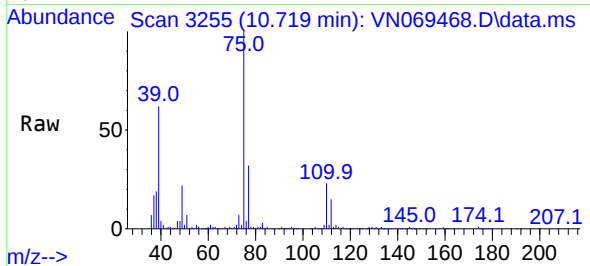
Tgt Ion: 92 Resp: 586698
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 16.676 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14

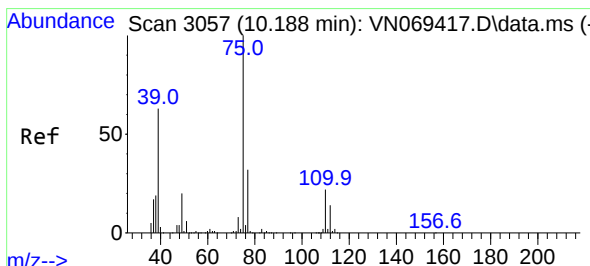
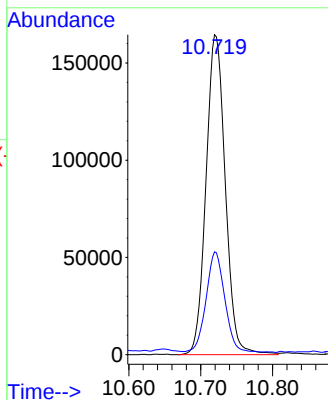
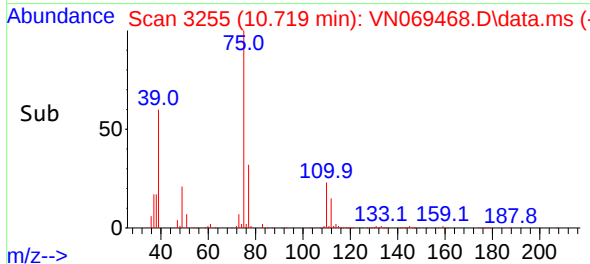
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01



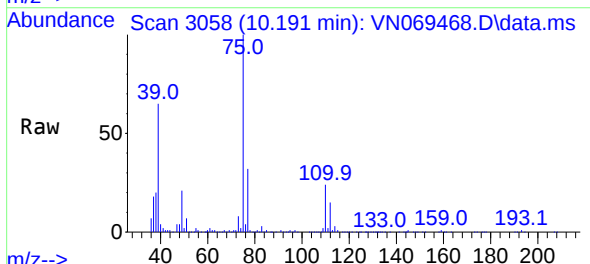
Tgt Ion: 75 Resp: 30694
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4

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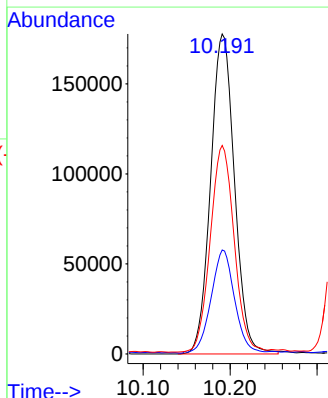
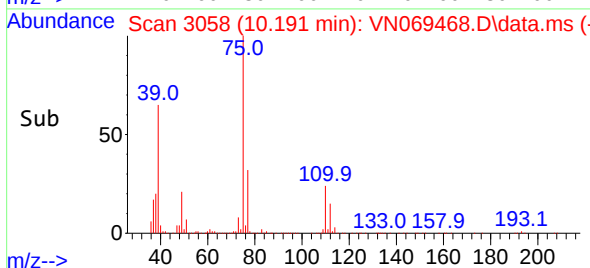
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

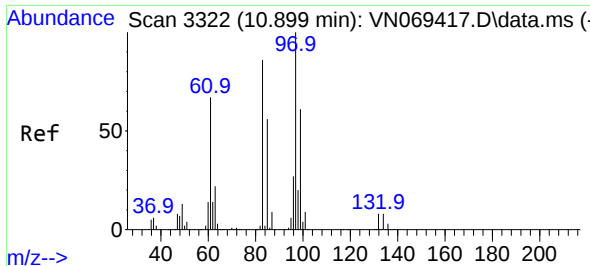


#54
 cis-1,3-Dichloropropene
 Concen: 16.738 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14



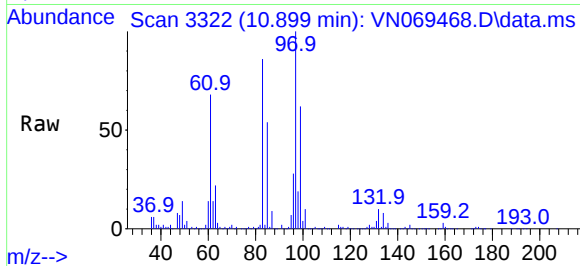
Tgt Ion: 75 Resp: 339254
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.4 39.6
 39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.406 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

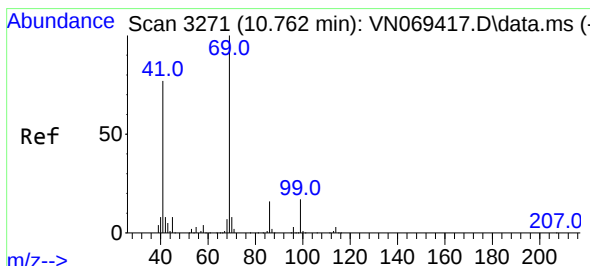
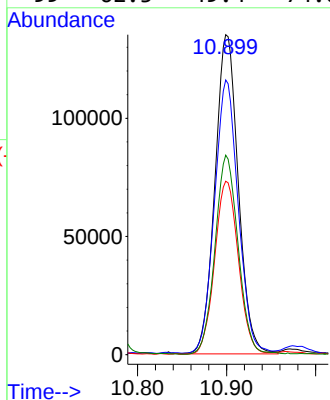
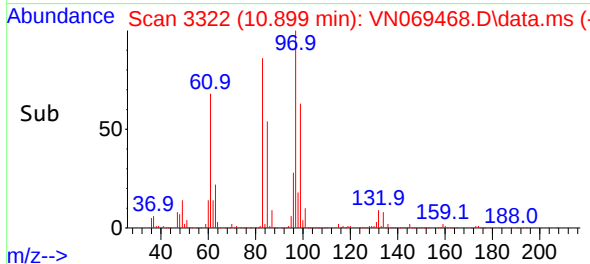


Tgt Ion: 97 Resp: 245838

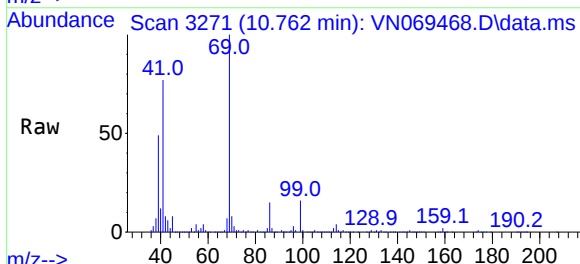
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.6
85	54.0	45.4	68.2
99	62.3	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

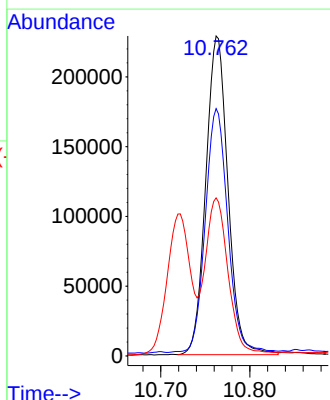
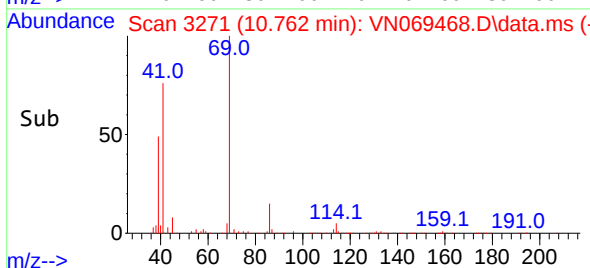


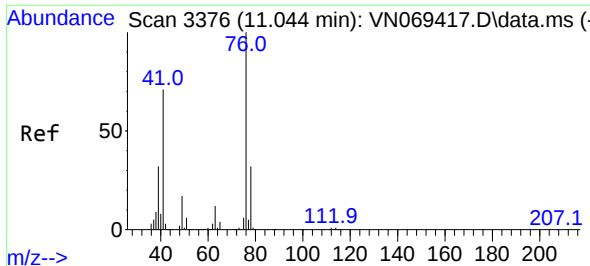
#56
Ethyl methacrylate
Concen: 17.928 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



Tgt Ion: 69 Resp: 395210

Ion	Ratio	Lower	Upper
69	100		
41	77.5	51.4	77.0#
39	49.7	34.6	52.0





#57

1,3-Dichloropropane

Concen: 18.952 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069468.D

Acq: 12 Nov 2021 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS01

Tgt Ion: 76 Resp: 421870

Ion Ratio Lower Upper

76 100

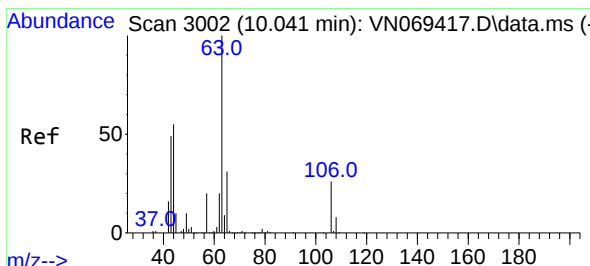
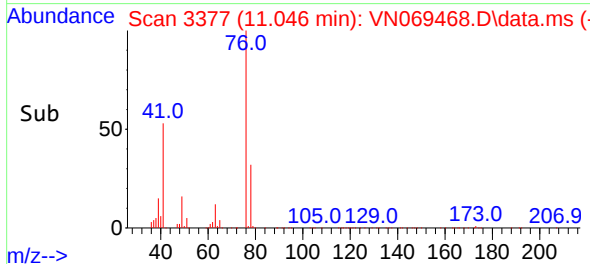
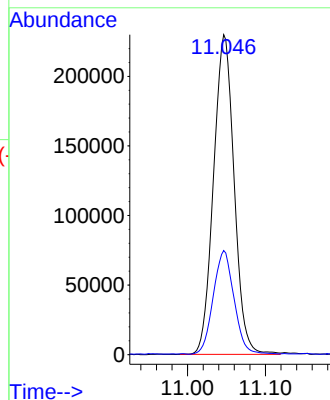
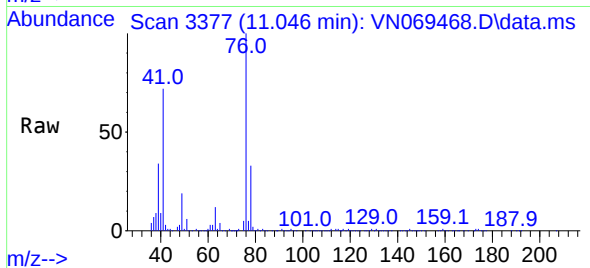
78 32.7 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 91.710 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069468.D

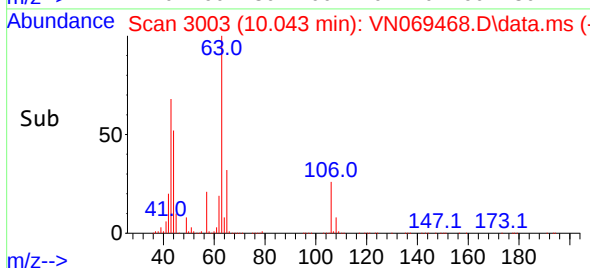
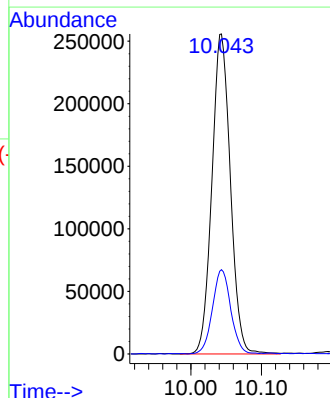
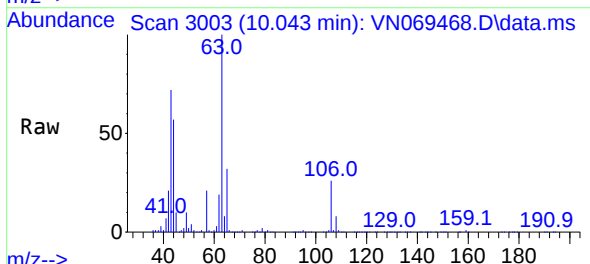
Acq: 12 Nov 2021 15:14

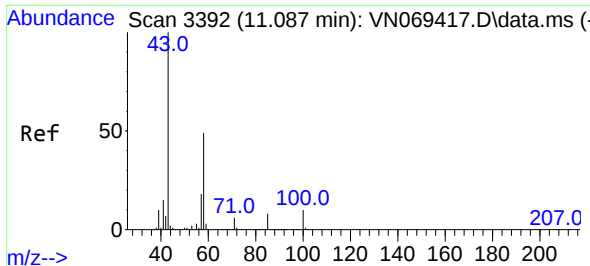
Tgt Ion: 63 Resp: 465594

Ion Ratio Lower Upper

63 100

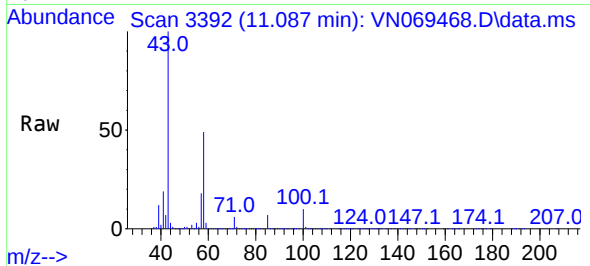
106 26.2 23.9 35.9





#59
2-Hexanone
Concen: 89.635 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

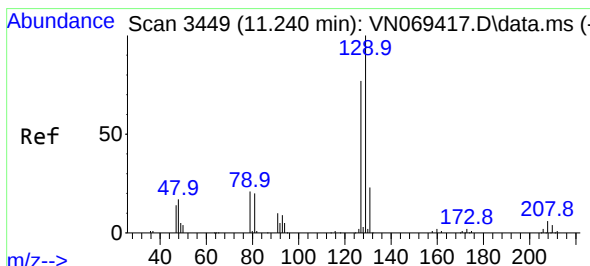
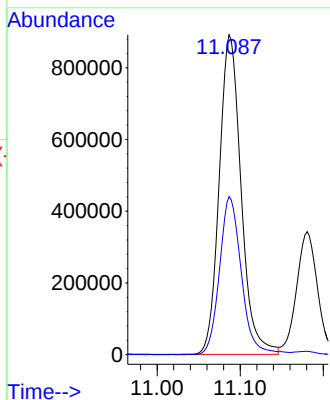
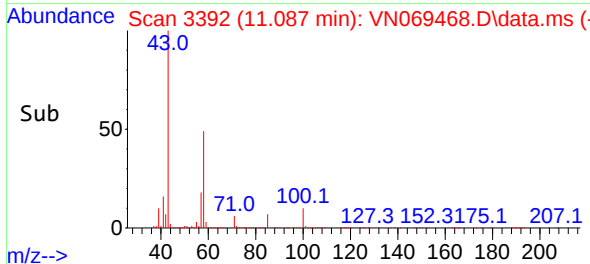
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion: 43 Resp: 1631692
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7

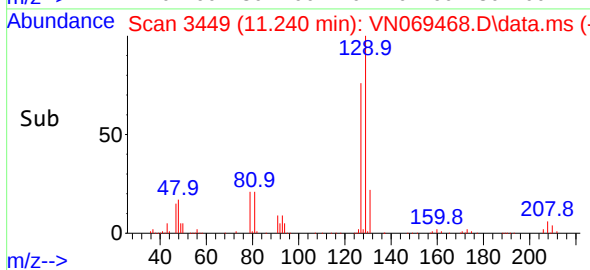
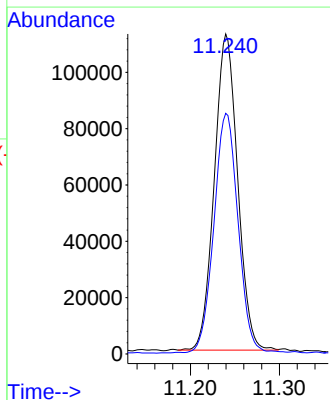
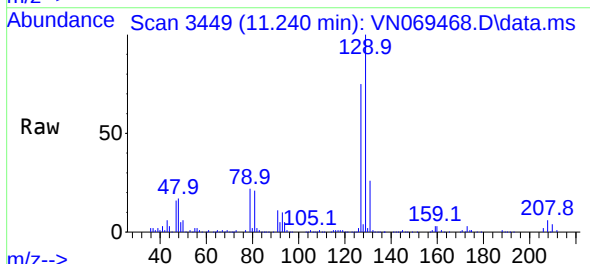
Manual Integrations
APPROVED

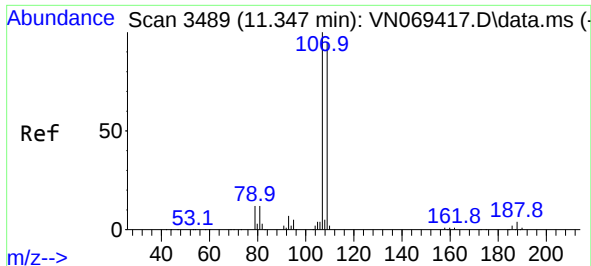
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 16.416 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

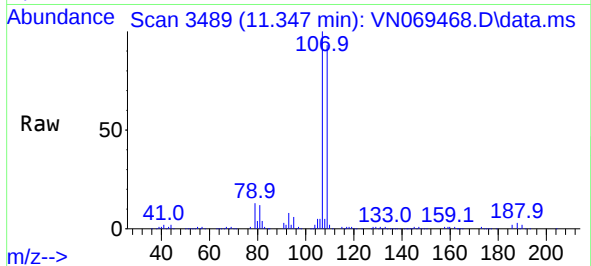
Tgt Ion:129 Resp: 204530
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.128 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

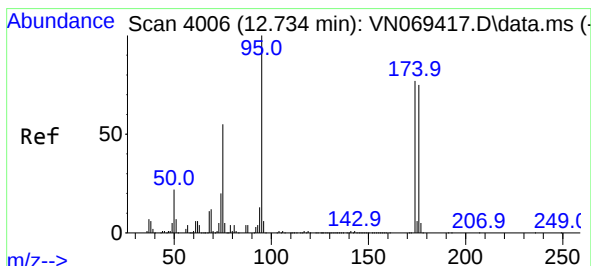
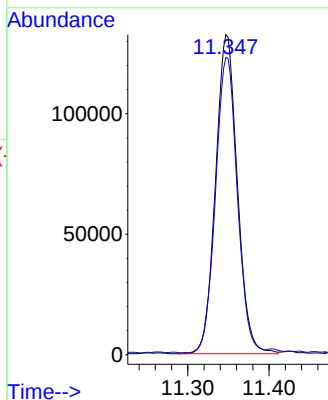
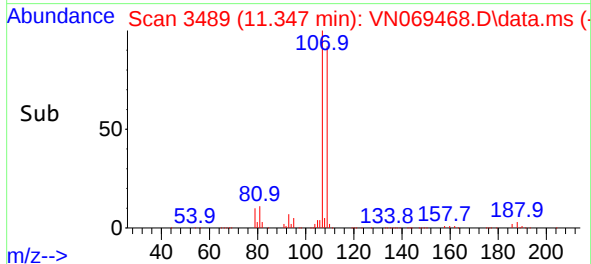
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



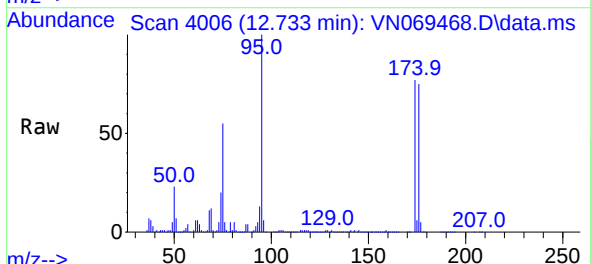
Tgt Ion:107 Resp: 24646
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

Manual Integrations
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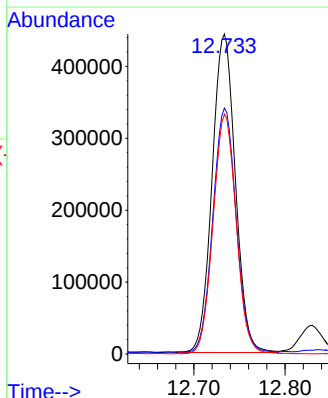
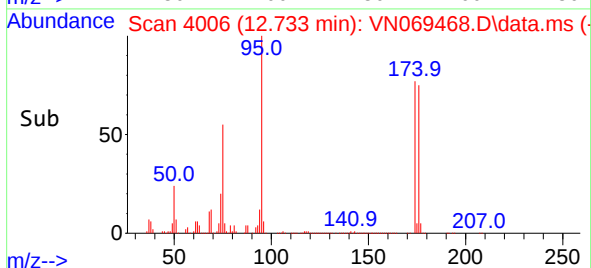
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

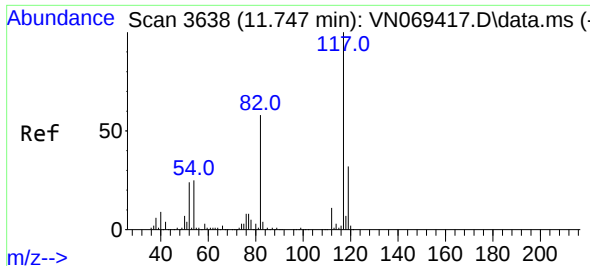


#62
4-Bromofluorobenzene
Concen: 46.569 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



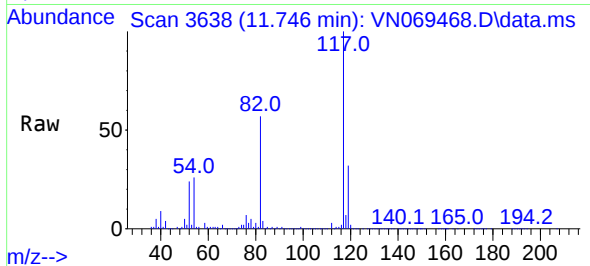
Tgt Ion: 95 Resp: 783770
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 74.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

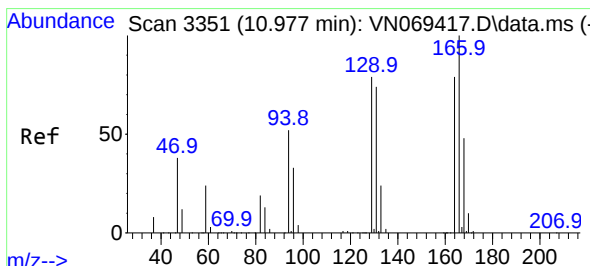
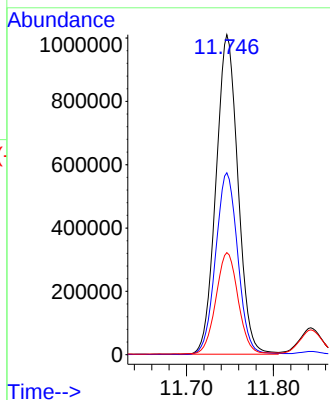
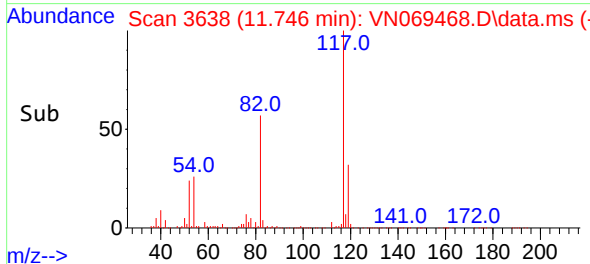
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



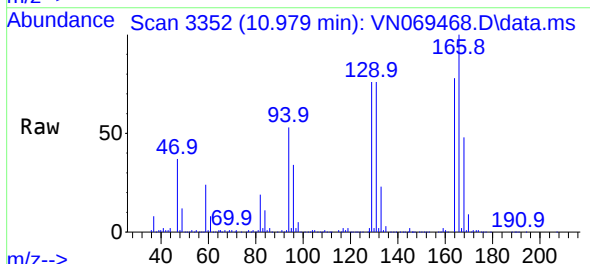
Tgt Ion:117 Resp: 176910
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
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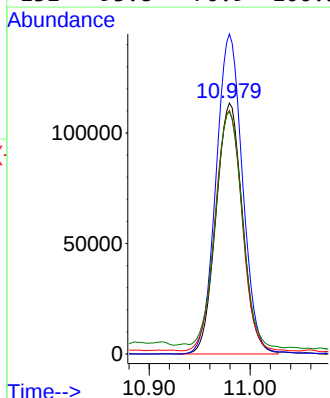
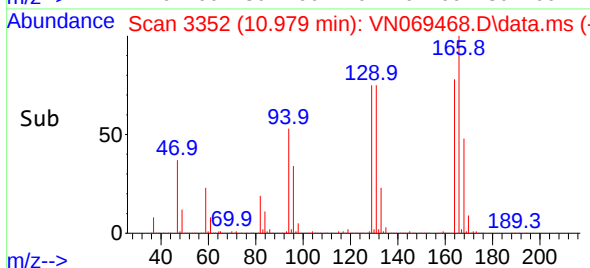
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

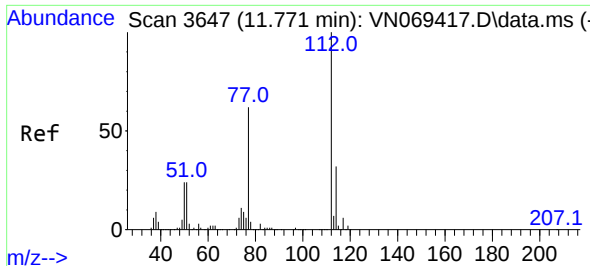


#64
Tetrachloroethene
Concen: 19.302 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



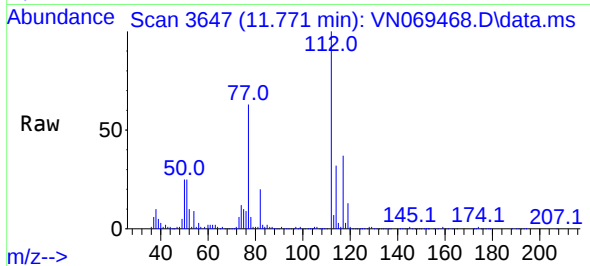
Tgt Ion:164 Resp: 206180
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 95.7 72.0 108.0
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 19.225 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

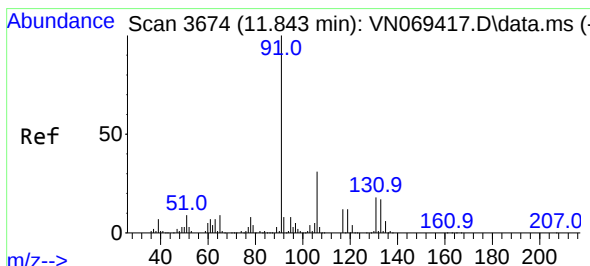
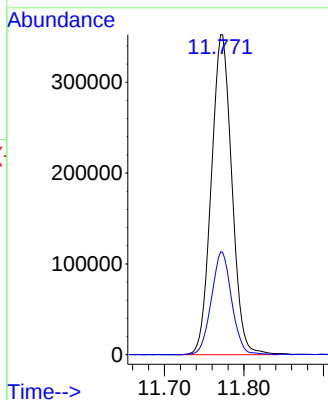
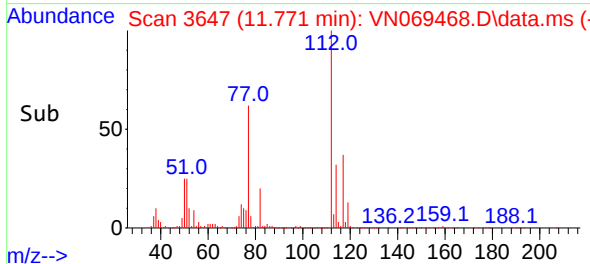
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



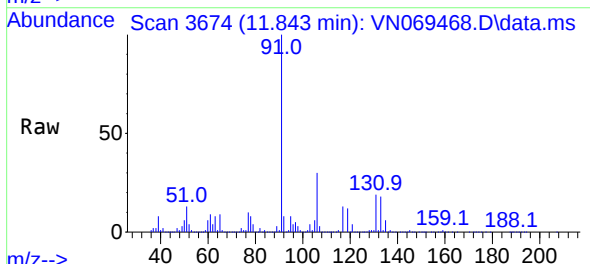
Tgt Ion:112 Resp: 633045
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
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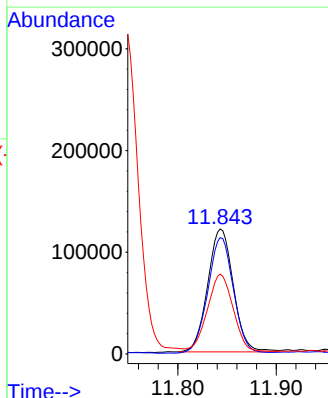
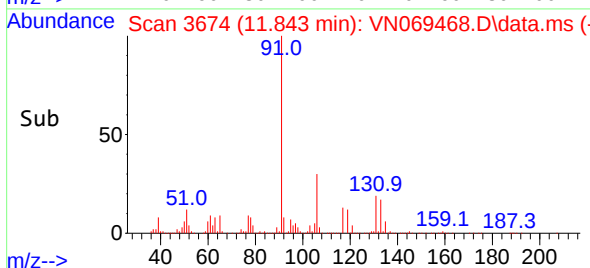
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

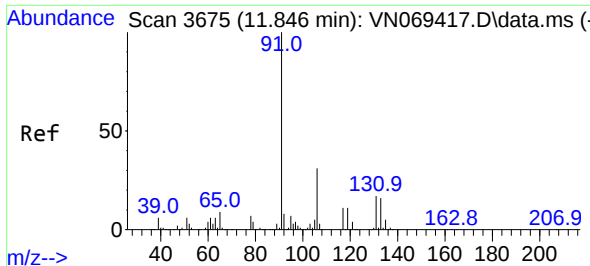


#66
1,1,1,2-Tetrachloroethane
Concen: 19.171 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



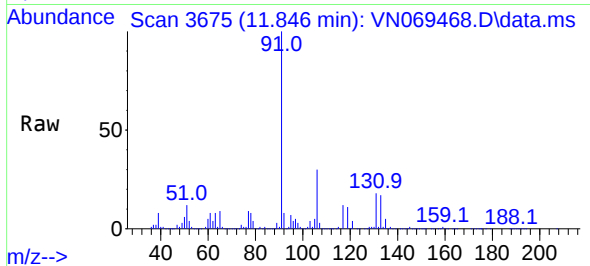
Tgt Ion:131 Resp: 218961
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 62.4 32.1 96.5





#67
Ethyl Benzene
Concen: 19.233 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

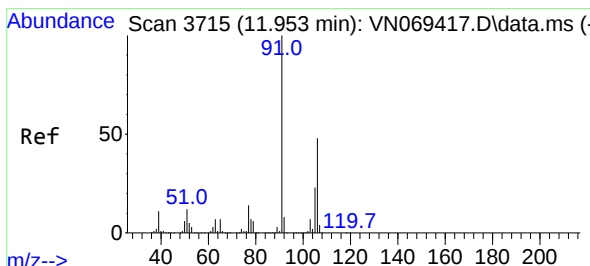
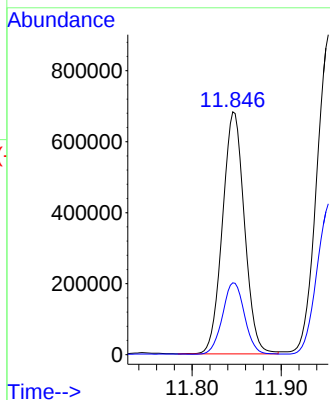
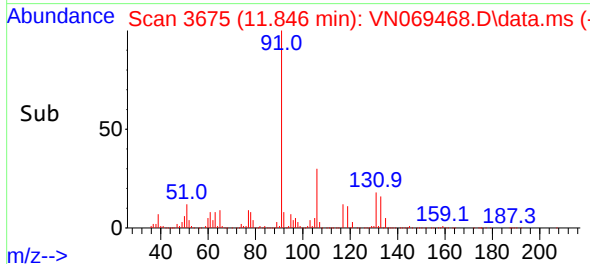
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



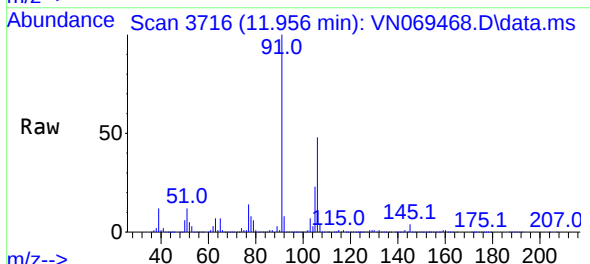
Tgt Ion: 91 Resp: 1168029
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

Manual Integrations
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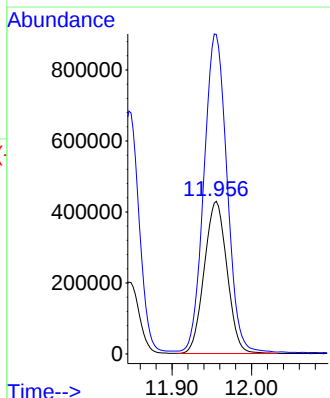
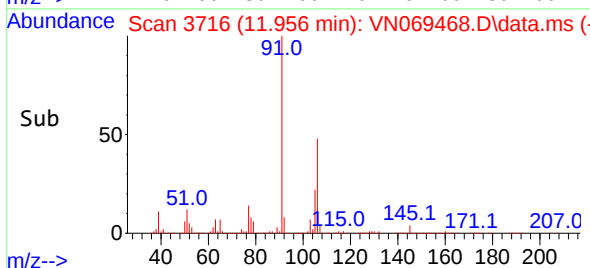
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

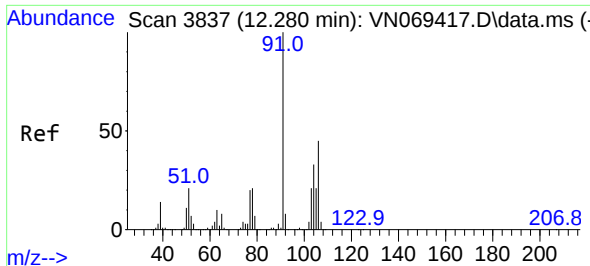


#68
m/p-Xylenes
Concen: 38.159 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



Tgt Ion:106 Resp: 852328
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8





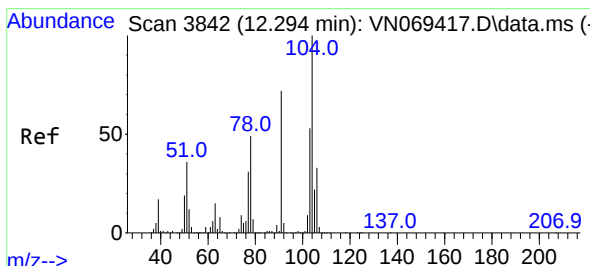
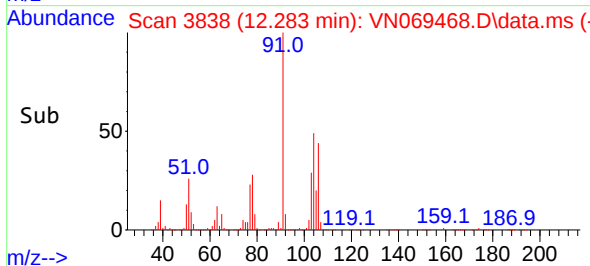
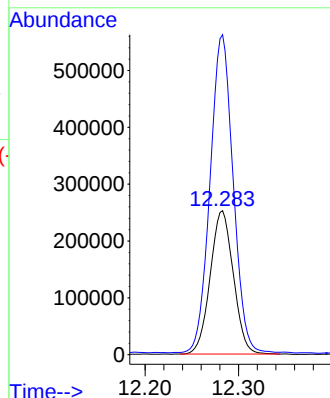
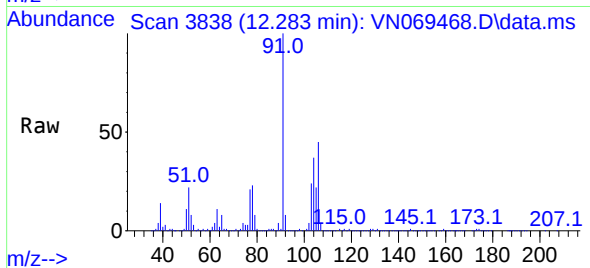
#69
o-Xylene
Concen: 19.540 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion:106 Resp: 435112
Ion Ratio Lower Upper
106 100
91 220.3 105.8 317.3

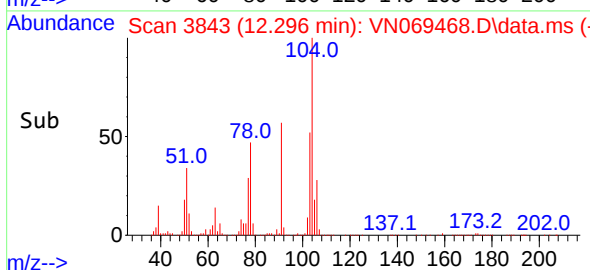
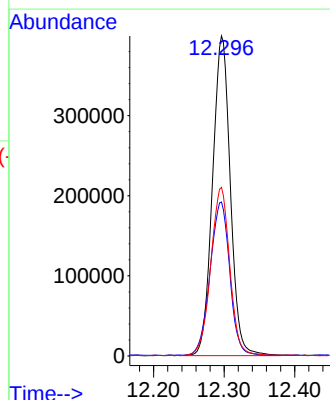
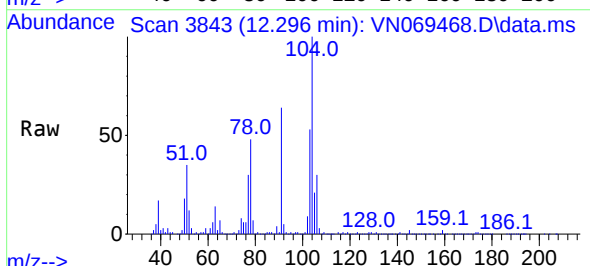
Manual Integrations
APPROVED

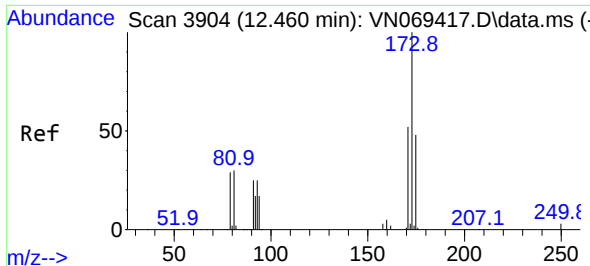
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 18.520 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion:104 Resp: 700997
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 56.1 45.0 67.6





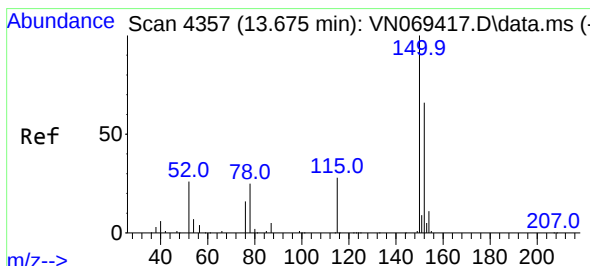
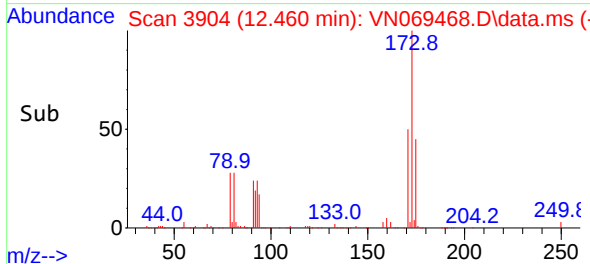
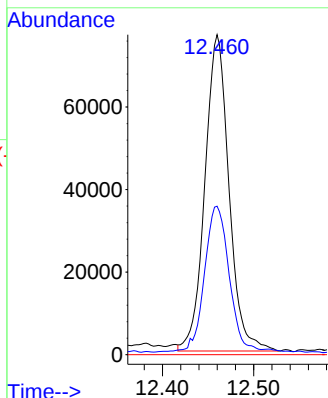
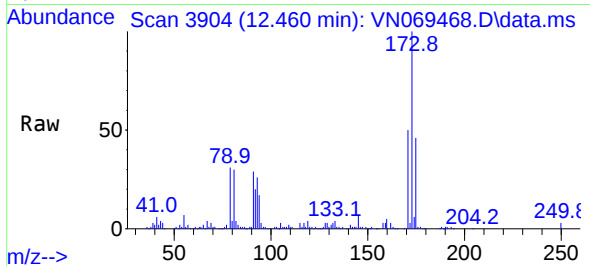
#71
Bromoform
Concen: 16.660 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion:173 Resp: 140885
Ion Ratio Lower Upper
173 100
175 47.2 24.2 72.6
254 0.0 0.0 0.0

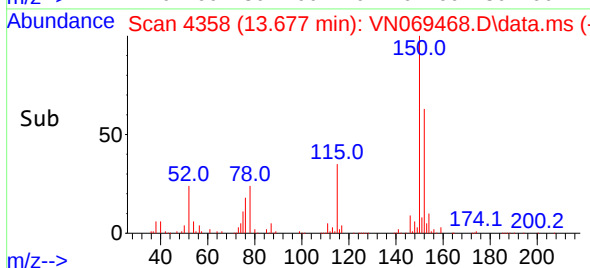
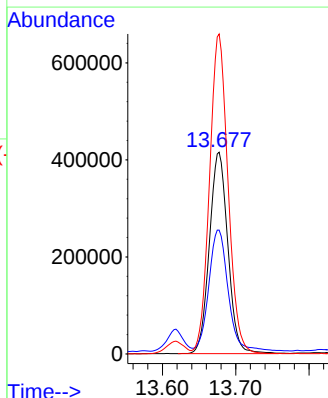
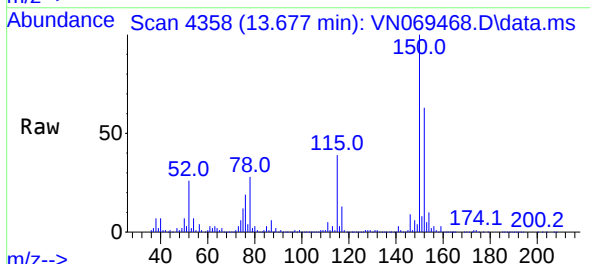
Manual Integrations
APPROVED

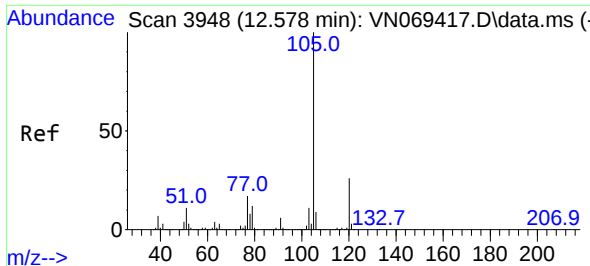
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion:152 Resp: 726744
Ion Ratio Lower Upper
152 100
115 62.8 27.5 82.5
150 158.8 0.0 344.4





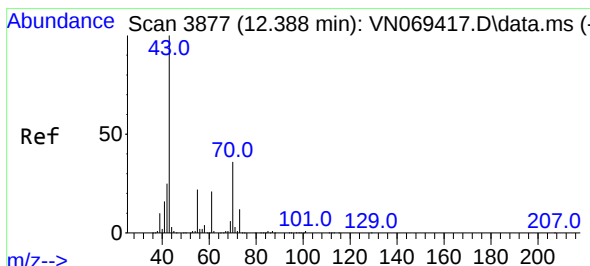
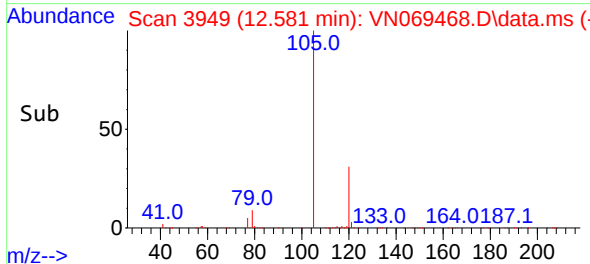
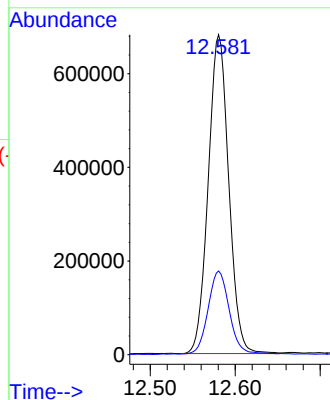
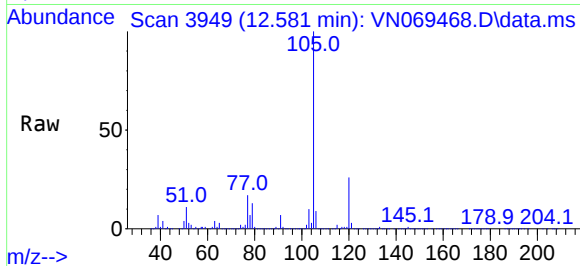
#73
Isopropylbenzene
Concen: 19.714 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion:105 Resp: 114072
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

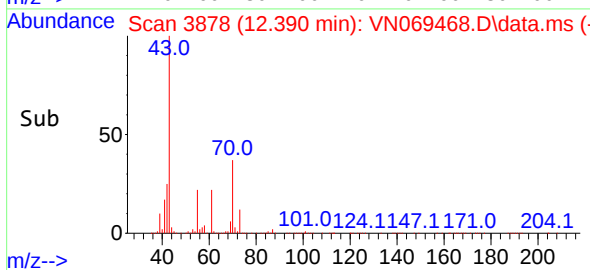
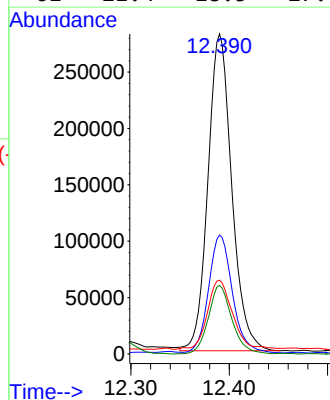
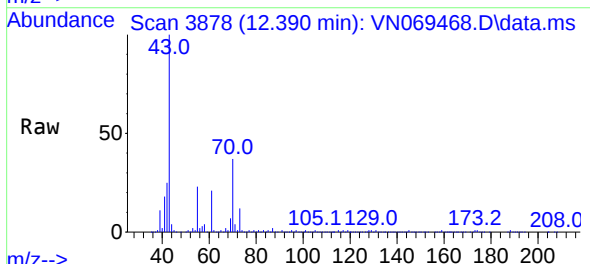
Manual Integrations
APPROVED

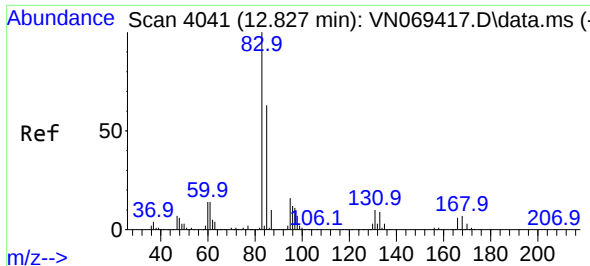
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 19.307 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

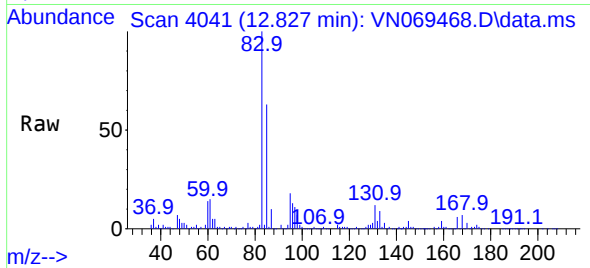
Tgt Ion: 43 Resp: 473456
Ion Ratio Lower Upper
43 100
70 37.1 33.4 50.0
55 22.9 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.127 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

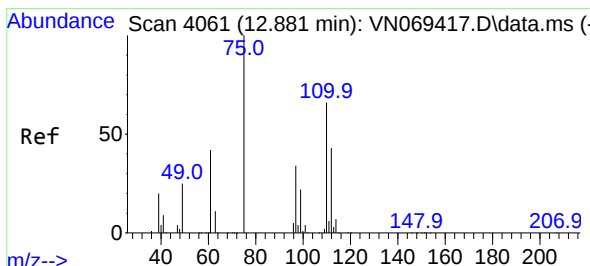
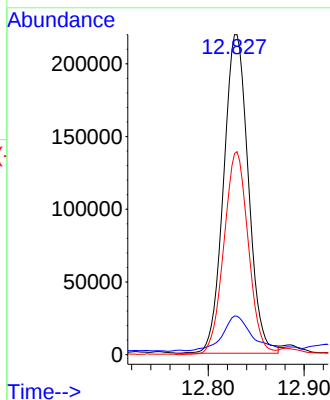
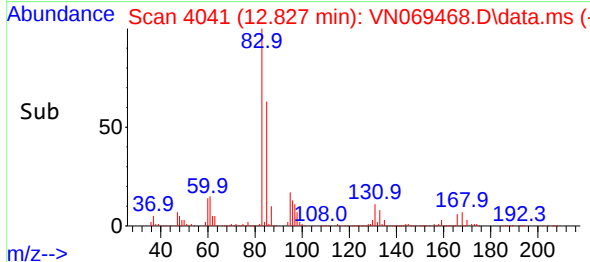
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



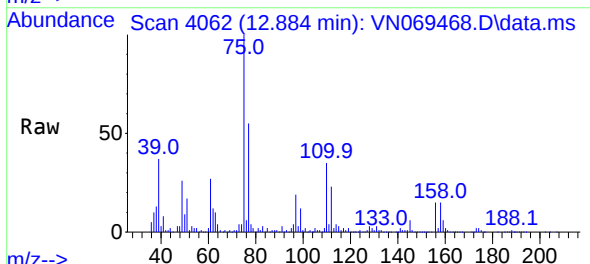
Tgt Ion: 83 Resp: 392790
Ion Ratio Lower Upper
83 100
131 12.6 5.5 16.5
85 63.0 32.4 97.2

Manual Integrations
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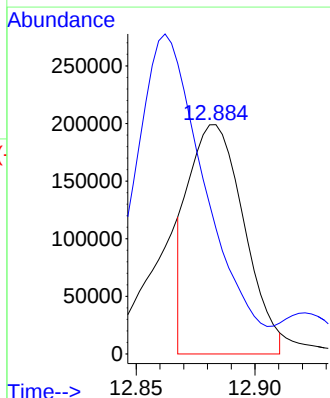
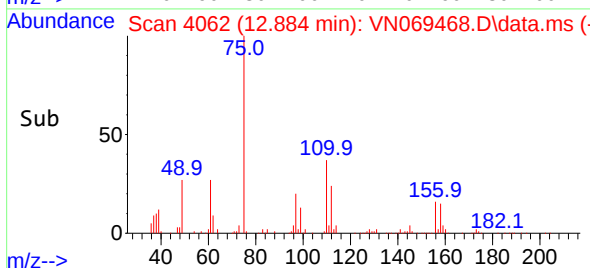
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

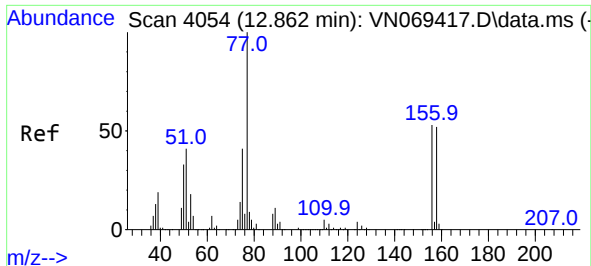


#76
1,2,3-Trichloropropane
Concen: 19.166 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



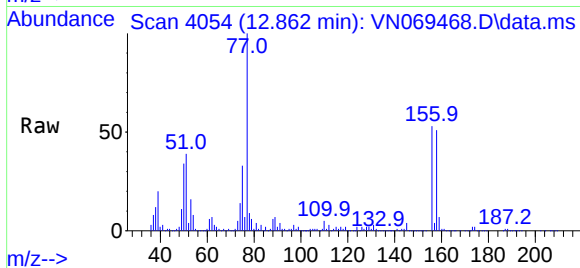
Tgt Ion: 75 Resp: 321451
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.790 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

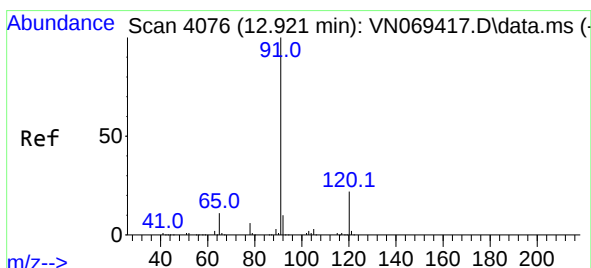
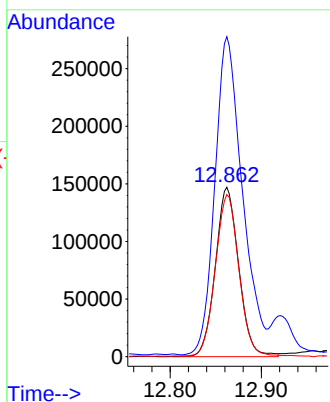
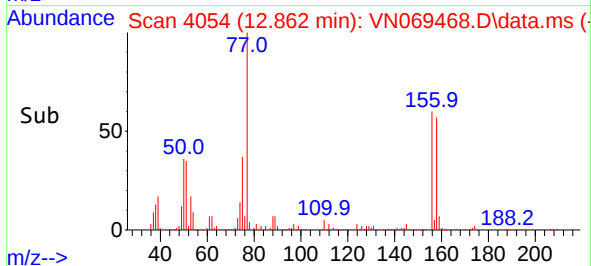
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



Tgt Ion:156 Resp: 26188
Ion Ratio Lower Upper
156 100
77 219.7 90.6 271.8
158 95.9 48.9 146.7

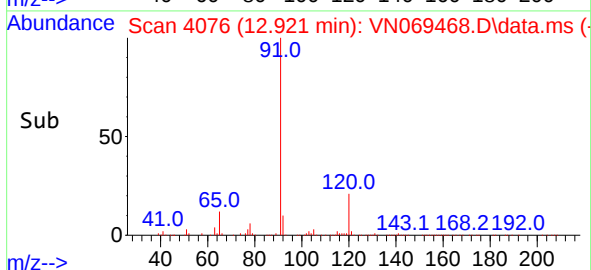
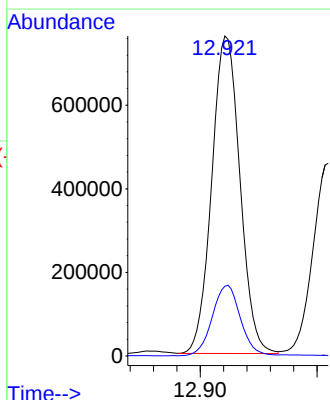
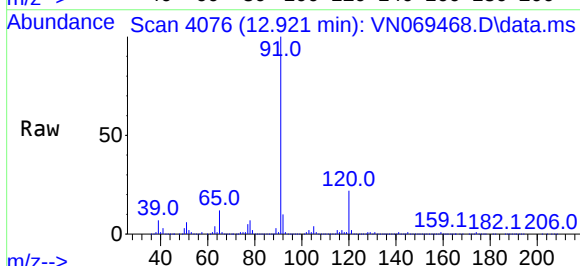
Manual Integrations
APPROVED

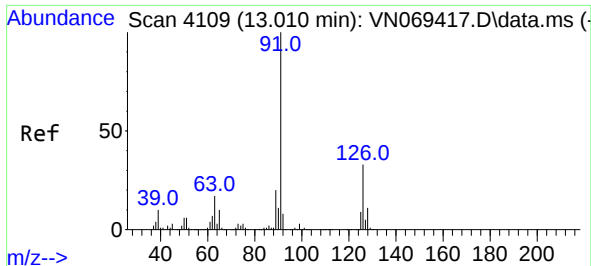
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 19.579 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion: 91 Resp: 1274757
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





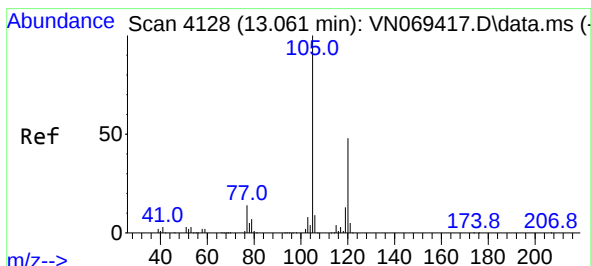
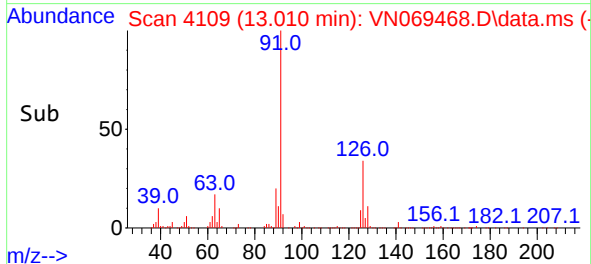
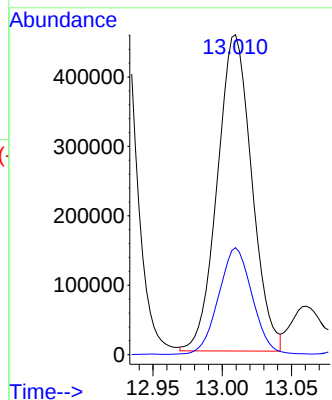
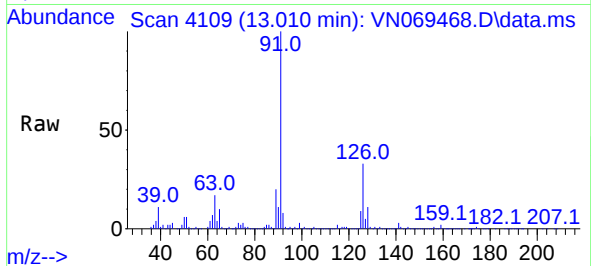
#79
2-Chlorotoluene
Concen: 19.564 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 91 Resp: 788702
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

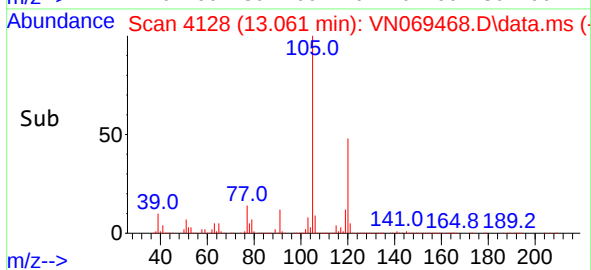
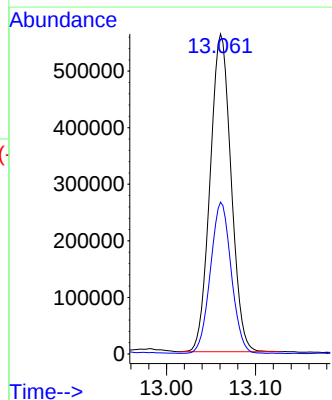
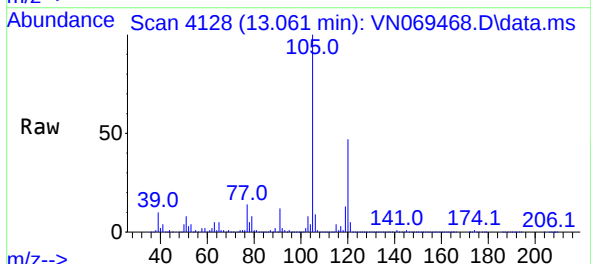
Manual Integrations
APPROVED

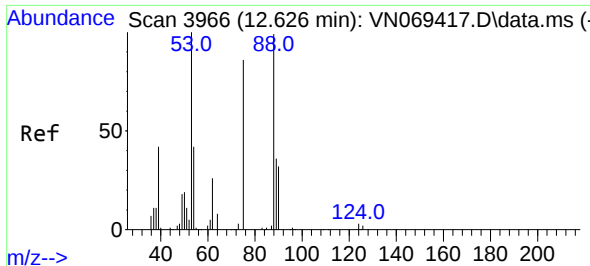
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.663 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Tgt Ion:105 Resp: 919795
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





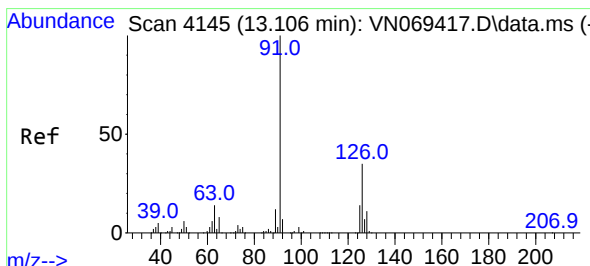
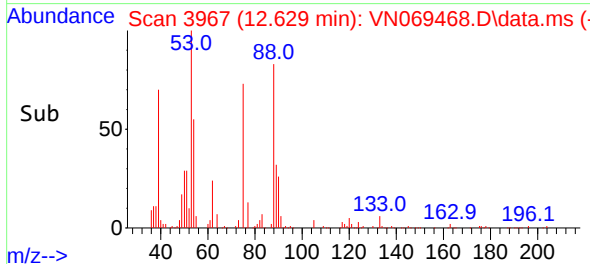
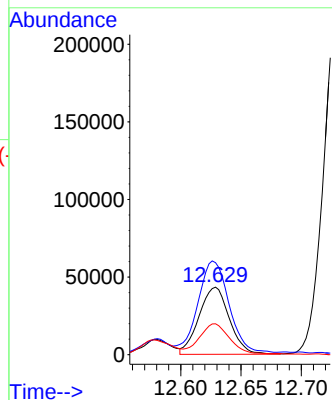
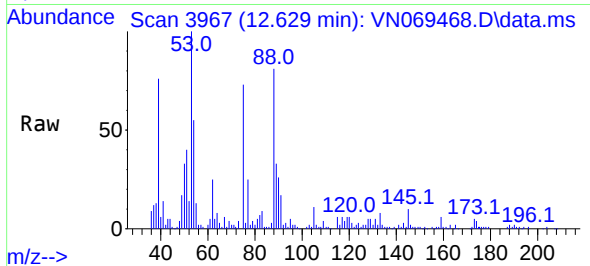
#81
trans-1,4-Dichloro-2-butene
Concen: 17.646 ug/l
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion: 75 Resp: 7556
Ion Ratio Lower Upper
75 100
53 139.1 90.5 135.7
89 43.1 38.2 57.4

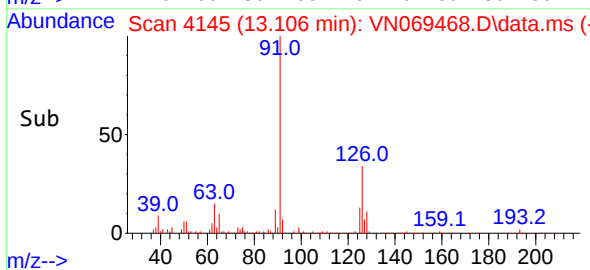
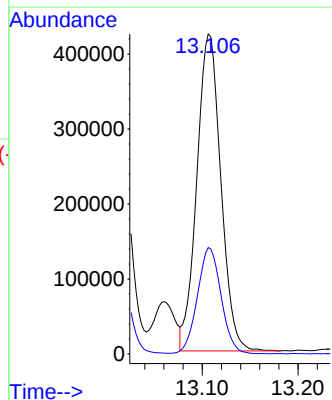
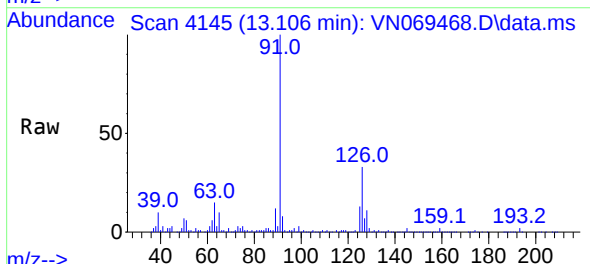
Manual Integrations
APPROVED

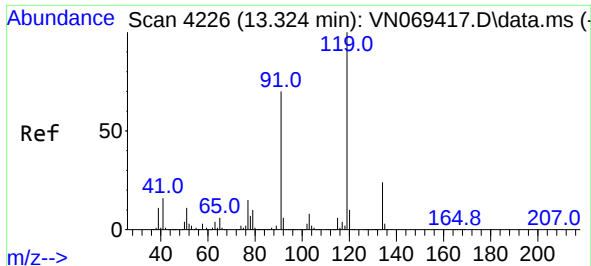
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 19.181 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

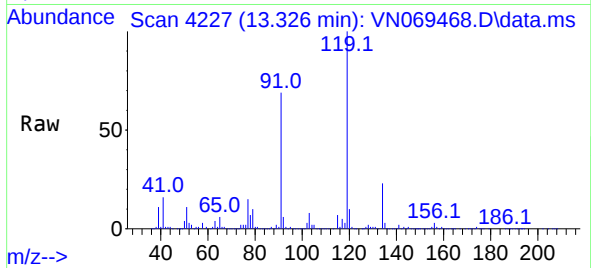
Tgt Ion: 91 Resp: 737136
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.768 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

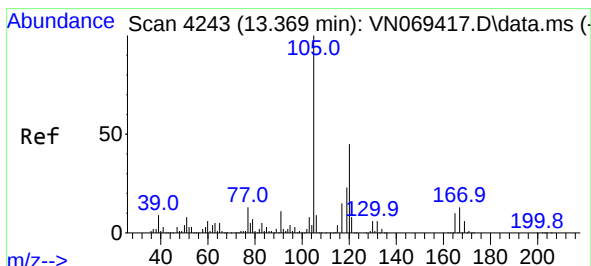
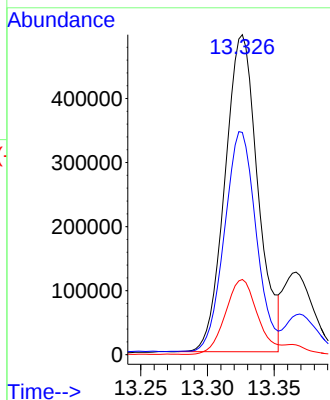
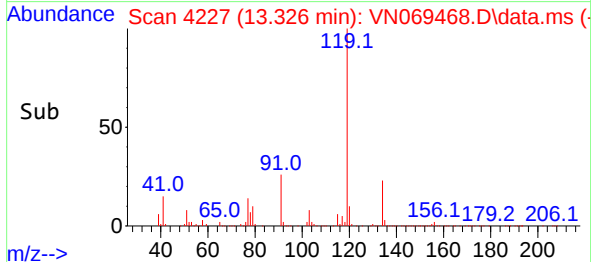
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



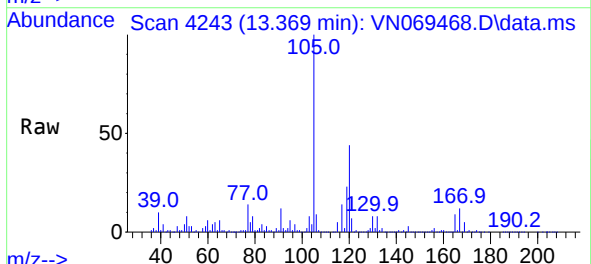
Tgt Ion:119 Resp: 851329
Ion Ratio Lower Upper
119 100
91 66.8 31.5 94.5
134 23.2 12.4 37.4

Manual Integrations
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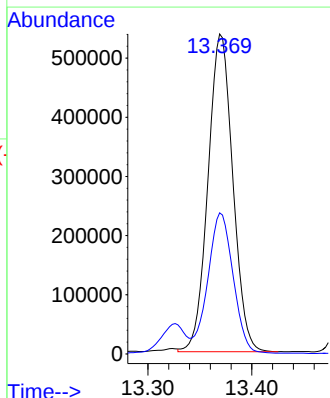
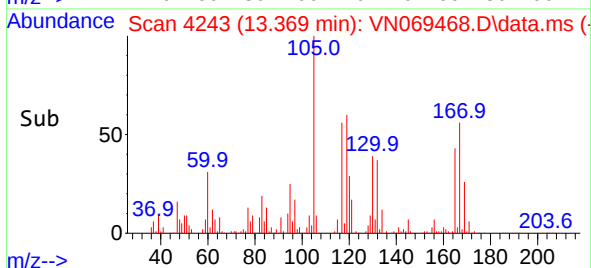
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

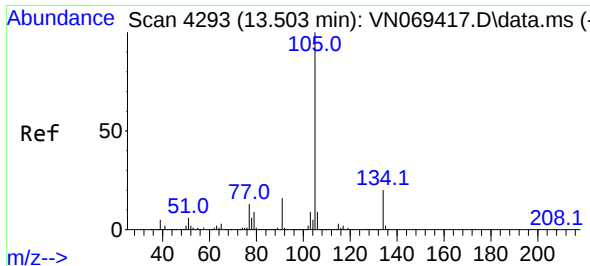


#84
1,2,4-Trimethylbenzene
Concen: 19.733 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



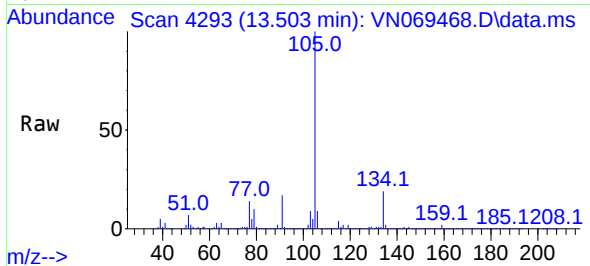
Tgt Ion:105 Resp: 891147
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.670 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14

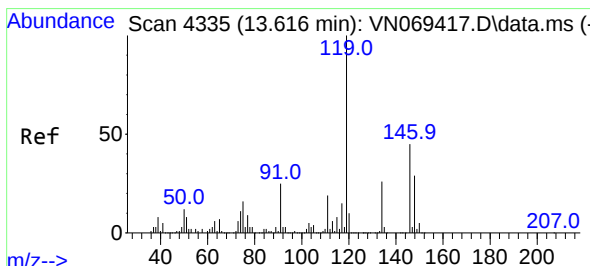
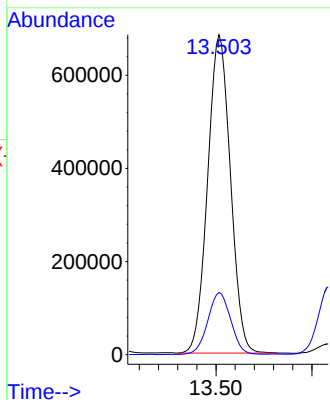
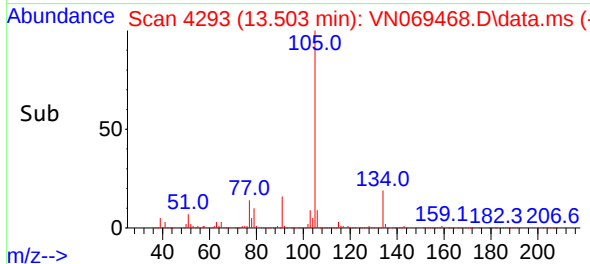
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01



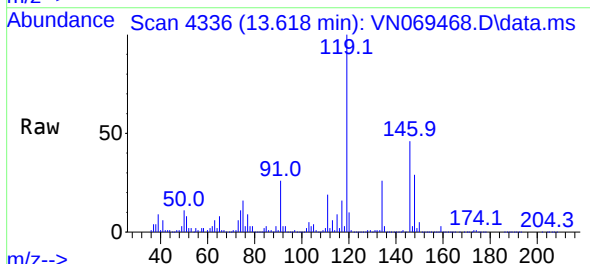
Tgt Ion:105 Resp: 1126360
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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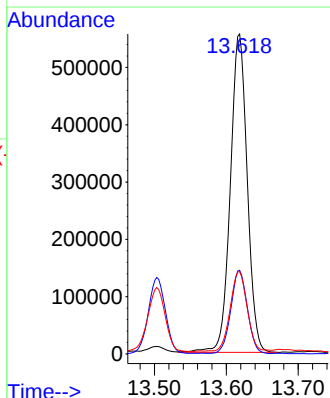
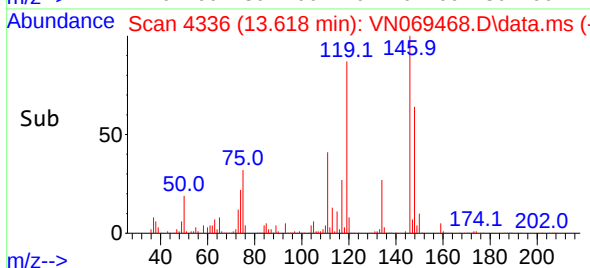
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

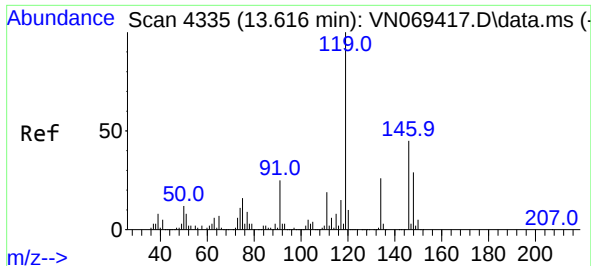


#86
 p-Isopropyltoluene
 Concen: 20.037 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069468.D
 Acq: 12 Nov 2021 15:14



Tgt Ion:119 Resp: 910853
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 24.8 11.4 34.1





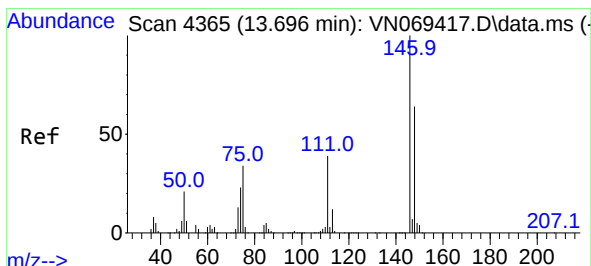
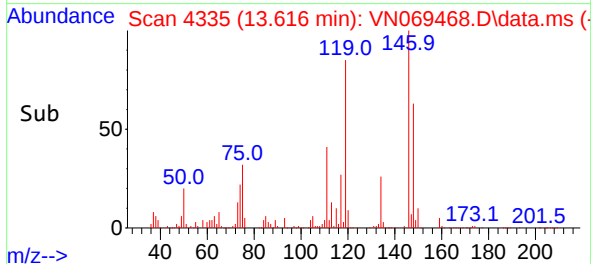
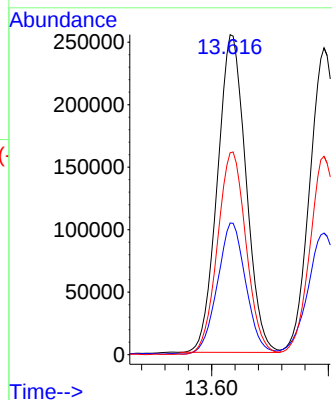
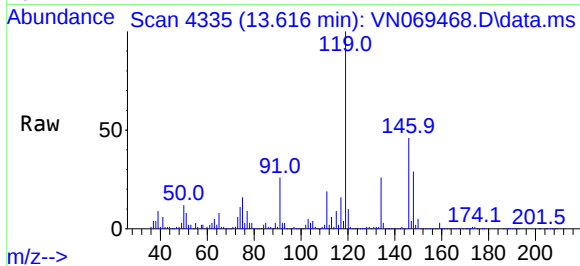
#87
1,3-Dichlorobenzene
Concen: 18.809 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Tgt Ion:146 Resp: 43155
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 64.1 31.6 95.0

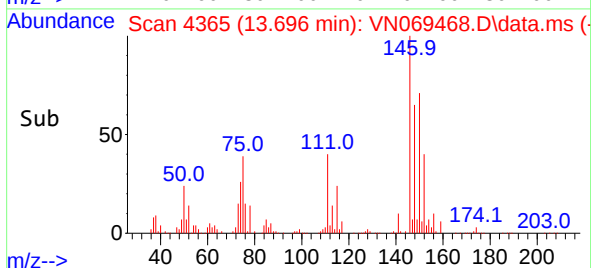
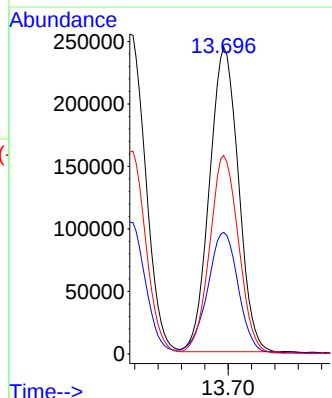
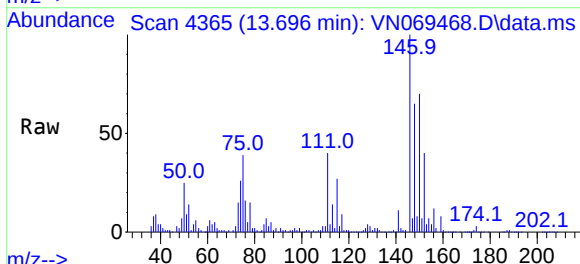
Manual Integrations
APPROVED

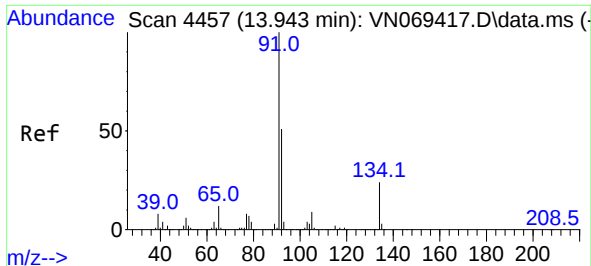
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 18.631 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

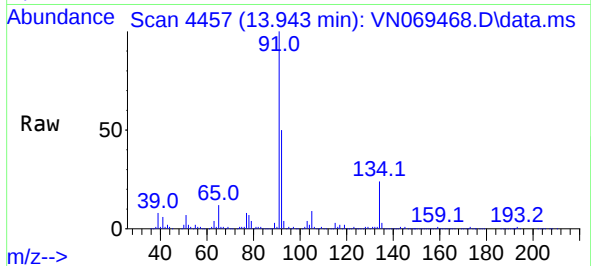
Tgt Ion:146 Resp: 419342
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 65.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.010 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

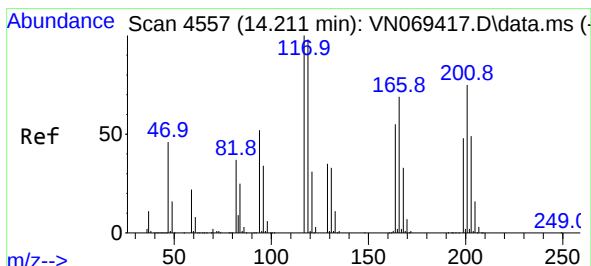
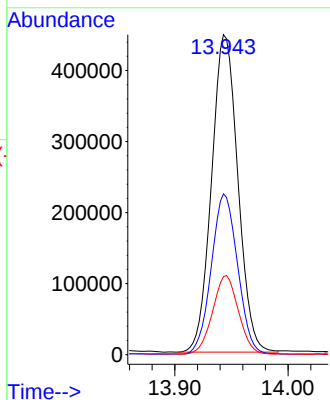
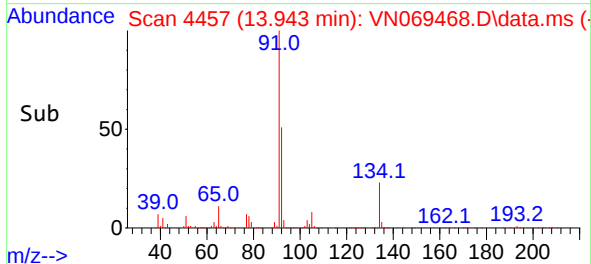
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



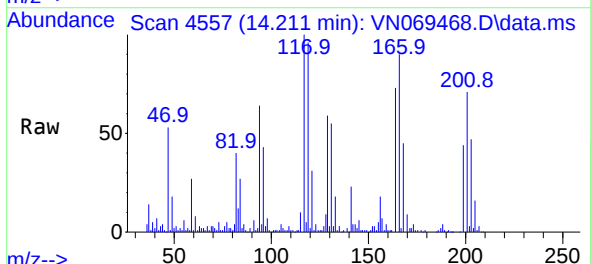
Tgt Ion: 91 Resp: 720628
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.2 13.6 40.8

Manual Integrations
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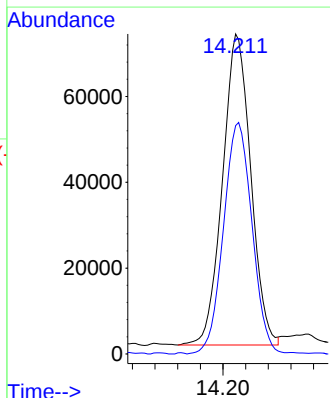
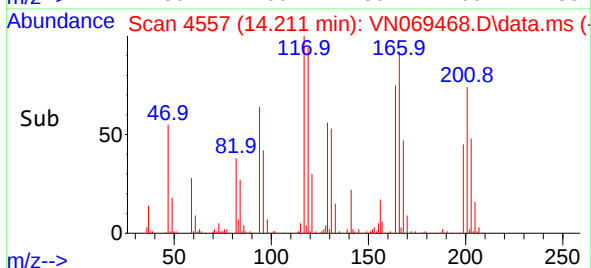
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

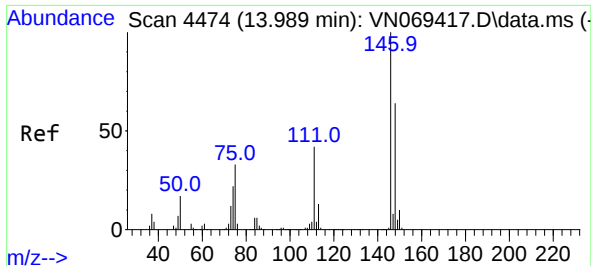


#90
Hexachloroethane
Concen: 16.527 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



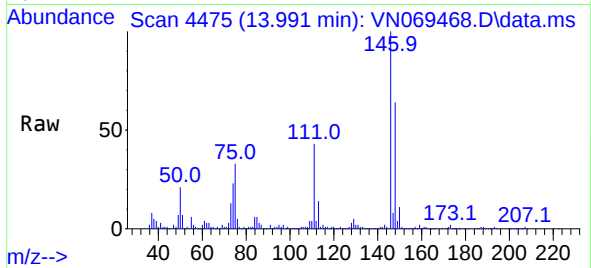
Tgt Ion:117 Resp: 125450
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.802 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

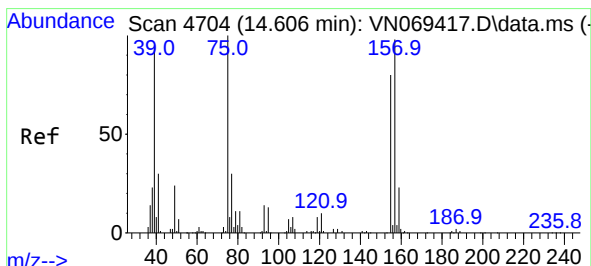
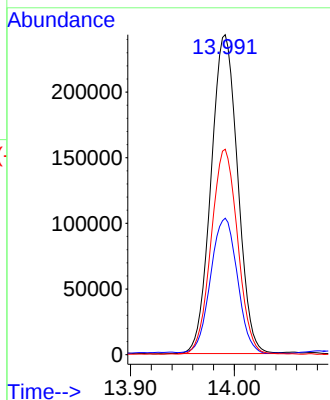
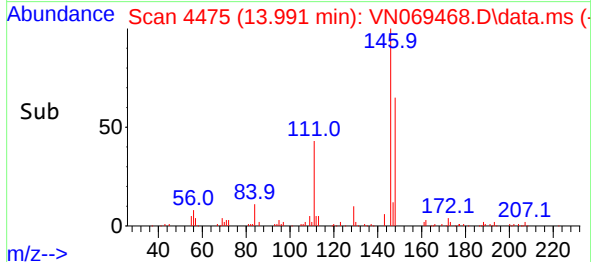
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



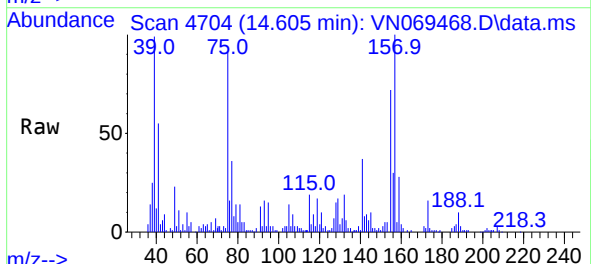
Tgt Ion:146 Resp: 43231
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
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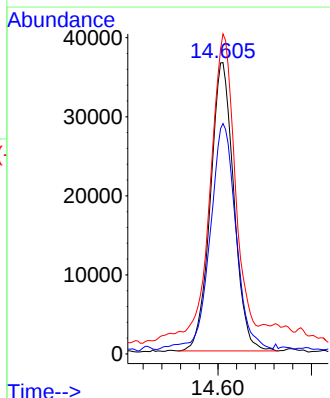
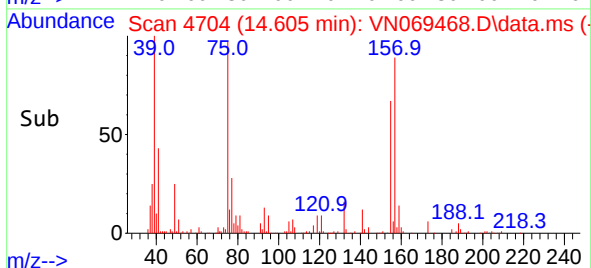
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

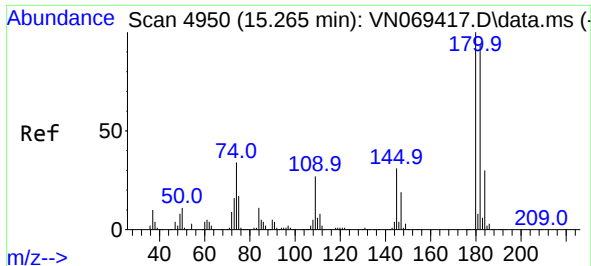


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.677 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



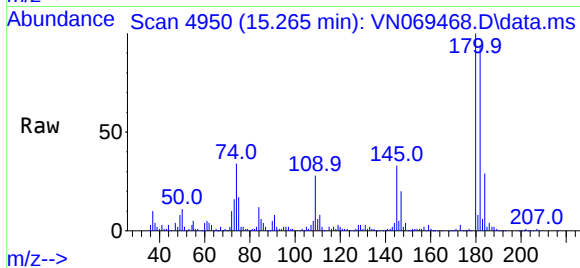
Tgt Ion: 75 Resp: 63531
Ion Ratio Lower Upper
75 100
155 86.0 46.9 140.7
157 117.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.829 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

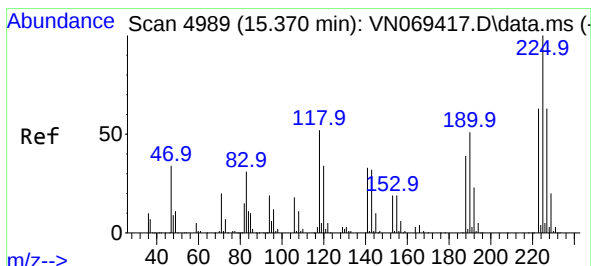
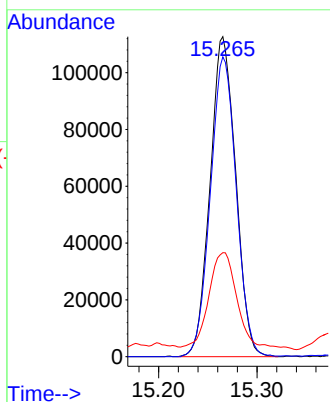
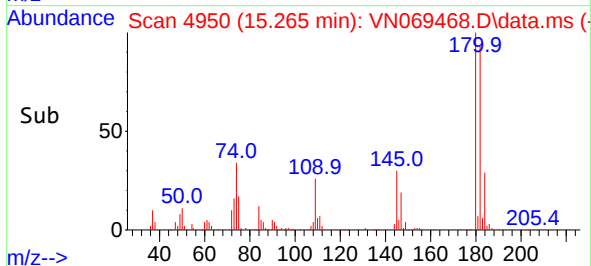
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



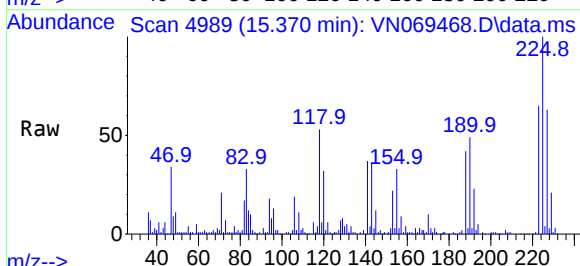
Tgt Ion:180 Resp: 203912
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 34.4 14.5 43.5

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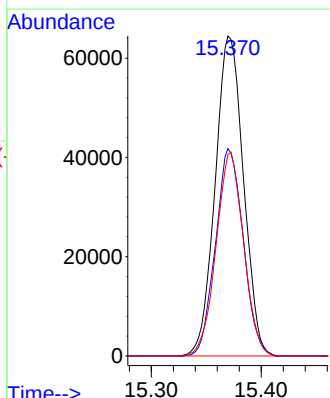
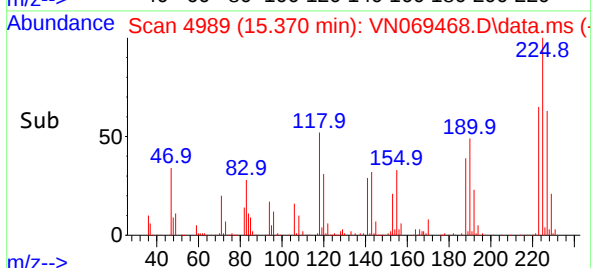
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

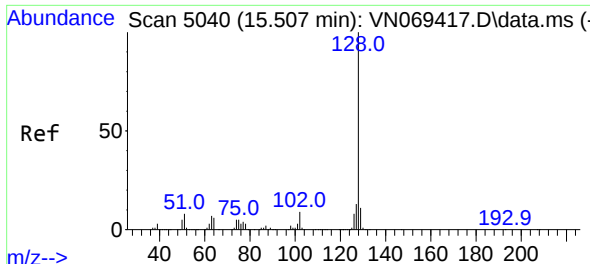


#94
Hexachlorobutadiene
Concen: 20.296 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



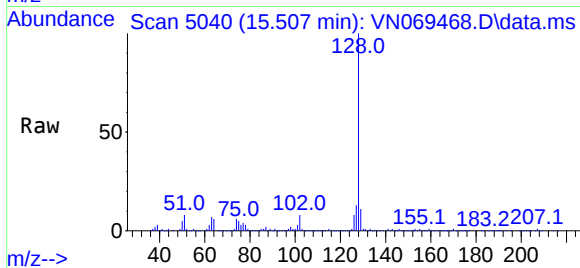
Tgt Ion:225 Resp: 115133
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 61.8 32.1 96.3





#95
Naphthalene
Concen: 22.788 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14

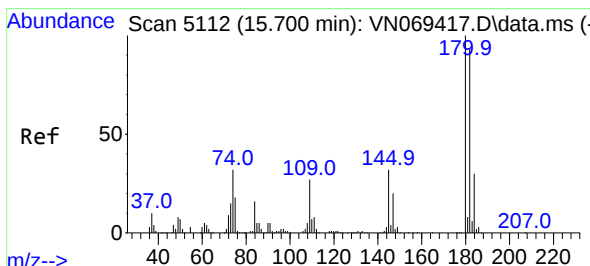
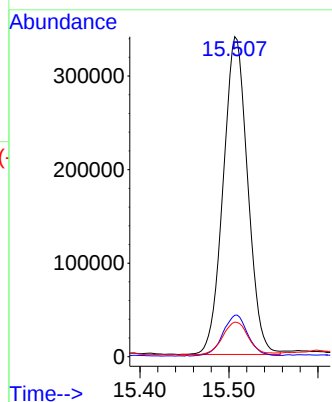
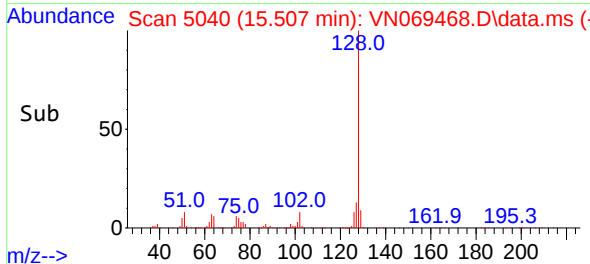
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01



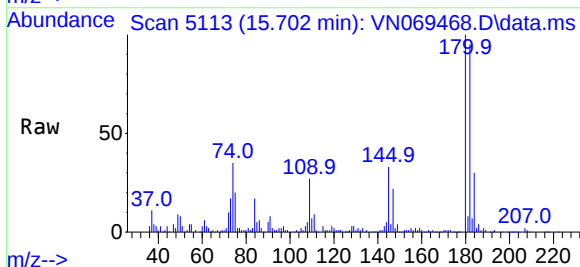
Tgt Ion:128 Resp: 649404
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.7 13.1

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Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 21.051 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069468.D
Acq: 12 Nov 2021 15:14



Tgt Ion:180 Resp: 208845
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.2
145 31.4 15.0 45.1

