

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069469.D
 Acq On : 12 Nov 2021 15:49
 Operator : JC/MD
 Sample : VN1112WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 03:27:35 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	8.088	168	983210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1663473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1544064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	654662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	731657	51.323	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.640%			
35) Dibromofluoromethane	8.024	113	500596	50.176	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.360%			
50) Toluene-d8	10.443	98	1988323	50.673	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.734	95	695338	48.238	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	209339	19.929	ug/l	100
3) Chloromethane	2.303	50	233080	19.133	ug/l	99
4) Vinyl Chloride	2.448	62	228531	18.736	ug/l	99
5) Bromomethane	2.856	94	153929	19.431	ug/l	100
6) Chloroethane	3.019	64	153533	18.648	ug/l	98
7) Trichlorofluoromethane	3.376	101	358236	19.003	ug/l	98
8) Diethyl Ether	3.821	74	125782	20.623	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.202	101	172804	19.460	ug/l	94
10) Methyl Iodide	4.419	142	206708	18.979	ug/l	98
11) Tert butyl alcohol	5.385	59	245188	95.446	ug/l	97
12) 1,1-Dichloroethene	4.178	96	152945	19.193	ug/l	94
13) Acrolein	4.044	56	30690	79.866	ug/l #	55
14) Allyl chloride	4.840	41	338054	19.187	ug/l	96
15) Acrylonitrile	5.557	53	691394	105.100	ug/l	99
16) Acetone	4.291	43	684141	88.945	ug/l	97
17) Carbon Disulfide	4.527	76	290858	15.441	ug/l	99
18) Methyl Acetate	4.859	43	508544	20.339	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	712177	21.117	ug/l	97
20) Methylene Chloride	5.098	84	211722	19.411	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	170683	19.176	ug/l	88
22) Diisopropyl ether	6.501	45	801066	21.107	ug/l	95
23) Vinyl Acetate	6.436	43	3059611	104.233	ug/l	96
24) 1,1-Dichloroethane	6.388	63	383282	19.828	ug/l	98
25) 2-Butanone	7.340	43	1043419	100.182	ug/l	91
26) 2,2-Dichloropropane	7.329	77	275035	18.185	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	228945	20.750	ug/l	90
28) Bromochloromethane	7.659	49	211888	21.404	ug/l #	80
29) Tetrahydrofuran	7.689	42	676273	105.807	ug/l	90
30) Chloroform	7.817	83	406944	20.534	ug/l	99
31) Cyclohexane	8.096	56	367568	18.872	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	322110	19.472	ug/l	96
36) 1,1-Dichloropropene	8.222	75	270628	19.335	ug/l	97
37) Ethyl Acetate	7.415	43	407046	21.513	ug/l	95
38) Carbon Tetrachloride	8.209	117	253344	18.748	ug/l	98
39) Methylcyclohexane	9.462	83	331004	19.010	ug/l	91
40) Benzene	8.461	78	877899	20.320	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	210988	21.581	ug/l	87
42) 1,2-Dichloroethane	8.531	62	358053	21.165	ug/l	97
43) Isopropyl Acetate	8.563	43	642593	21.144	ug/l #	94
44) Trichloroethene	9.217	130	208774	20.191	ug/l	92
45) 1,2-Dichloropropane	9.494	63	243439	21.090	ug/l	100
46) Dibromomethane	9.577	93	161626	20.905	ug/l	90
47) Bromodichloromethane	9.765	83	291759	20.222	ug/l	99
48) Methyl methacrylate	9.561	41	290612	20.325	ug/l	88
49) 1,4-Dioxane	9.571	88	109246	409.535	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2140334	109.107	ug/l	95
52) Toluene	10.508	92	557437	20.711	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	298082	18.555	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	328649	18.705	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	233360	21.508	ug/l	98
56) Ethyl methacrylate	10.762	69	383654	20.046	ug/l	87
57) 1,3-Dichloropropane	11.047	76	402123	21.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	451141	100.764	ug/l	93
59) 2-Hexanone	11.087	43	1520967	96.853	ug/l	94
60) Dibromochloromethane	11.240	129	202487	18.599	ug/l	100
61) 1,2-Dibromoethane	11.347	107	237096	20.230	ug/l	97
64) Tetrachloroethene	10.980	164	191495	20.540	ug/l	95
65) Chlorobenzene	11.771	112	598296	20.817	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	206897	20.755	ug/l	99
67) Ethyl Benzene	11.846	91	1088905	20.543	ug/l	96
68) m/p-Xylenes	11.956	106	800928	41.084	ug/l	94
69) o-Xylene	12.283	106	399144	20.537	ug/l	92
70) Styrene	12.296	104	650998	19.609	ug/l	97
71) Bromoform	12.460	173	135235	17.980	ug/l #	100
73) Isopropylbenzene	12.581	105	1063159	20.396	ug/l	99
74) N-amyl acetate	12.390	43	459074	20.782	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	365771	20.806	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	323716m	21.427	ug/l	
77) Bromobenzene	12.862	156	243413	20.419	ug/l	81
78) n-propylbenzene	12.921	91	1178719	20.097	ug/l	96
79) 2-Chlorotoluene	13.010	91	737544	20.309	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	863759	20.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	73410	18.577	ug/l #	83
82) 4-Chlorotoluene	13.106	91	698905	20.189	ug/l	94
83) tert-Butylbenzene	13.326	119	765118	20.720	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	834683	20.518	ug/l	99
85) sec-Butylbenzene	13.503	105	1041370	20.188	ug/l	98
86) p-Isopropyltoluene	13.619	119	836371	20.425	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	423301	20.481	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	409570	20.200	ug/l	97
89) n-Butylbenzene	13.946	91	672022	19.680	ug/l	97
90) Hexachloroethane	14.214	117	117832	17.140	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	412969	20.998	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	58691	19.108	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	191370	20.528	ug/l	97
94) Hexachlorobutadiene	15.373	225	108907	21.312	ug/l	98
95) Naphthalene	15.509	128	598845	23.223	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	194521	21.659	ug/l	99

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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

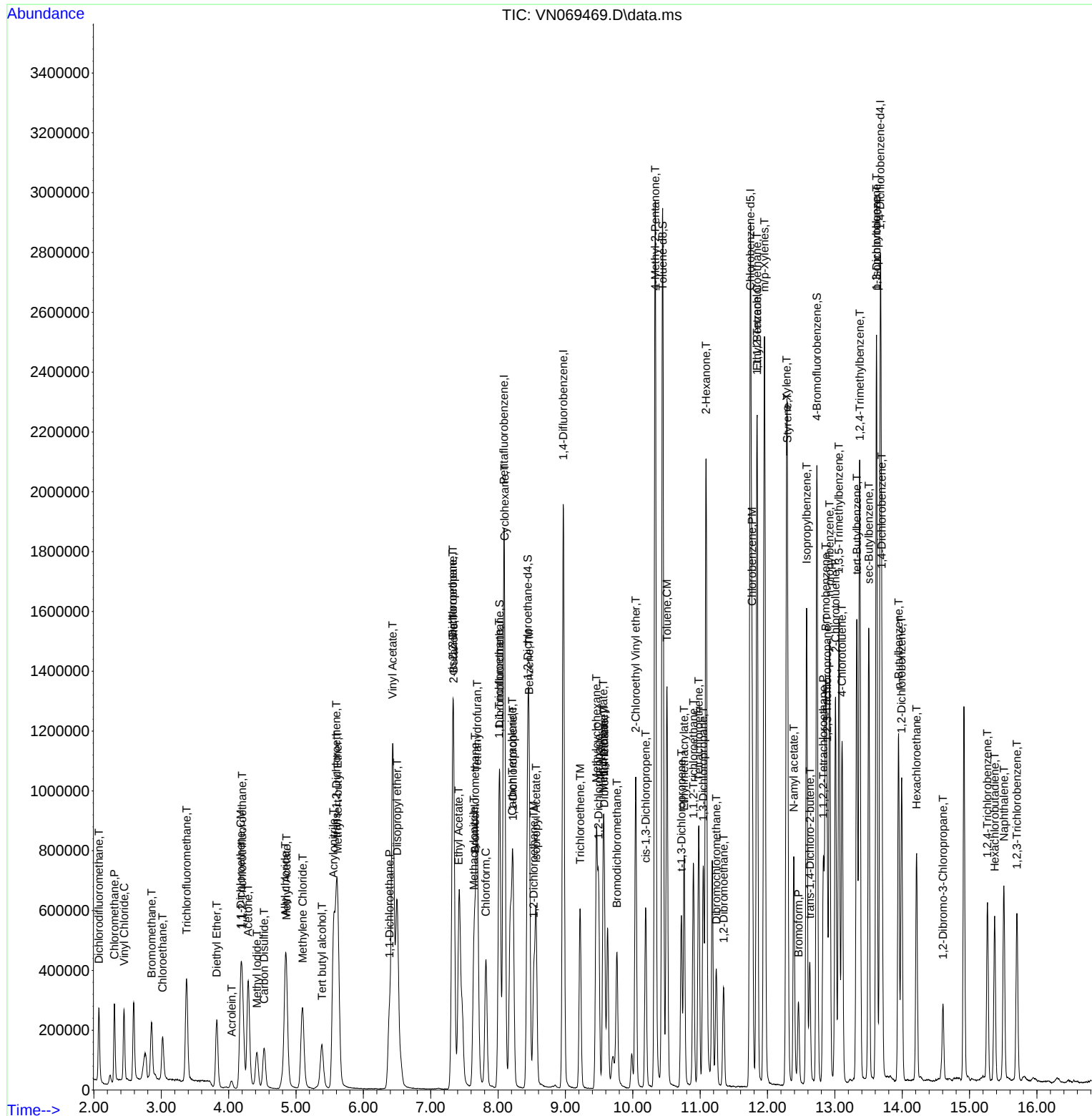
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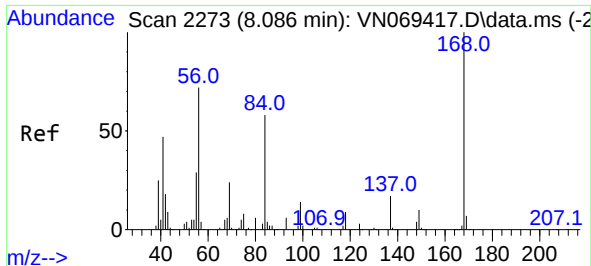
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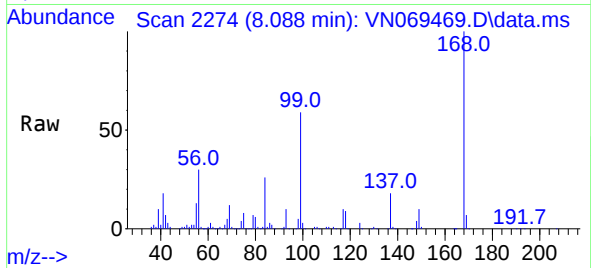
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069469.D
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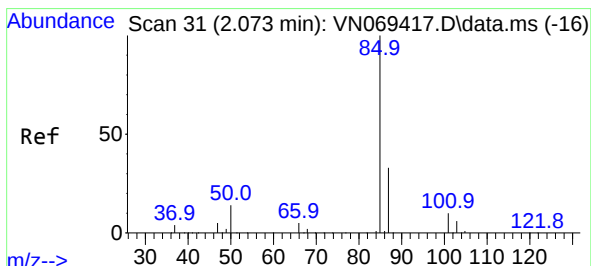
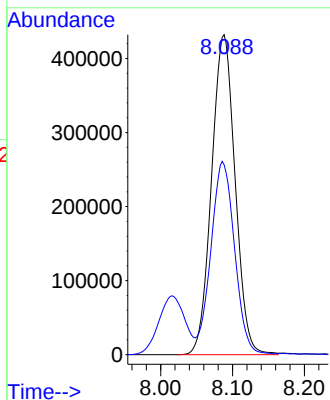
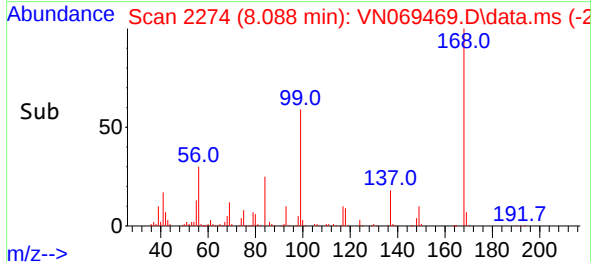
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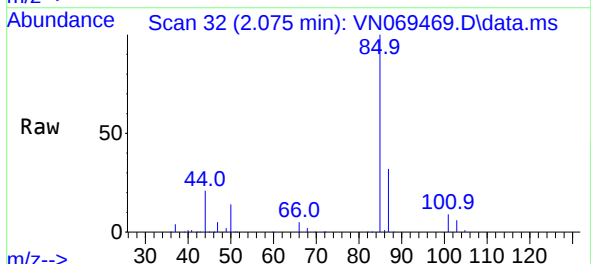
Tgt Ion:168 Resp: 983210
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9

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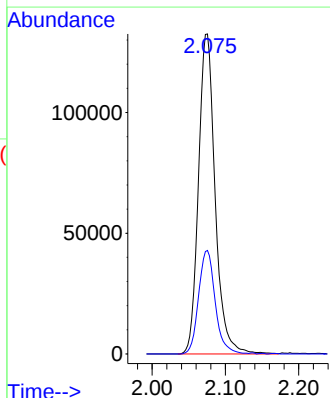
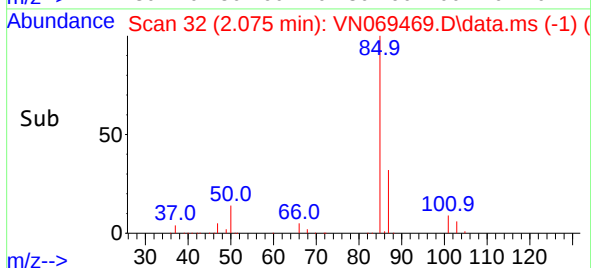
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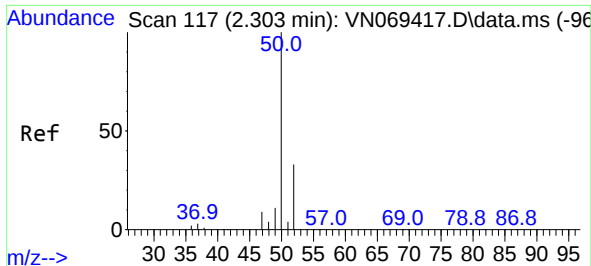


#2
Dichlorodifluoromethane
Concen: 19.929 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



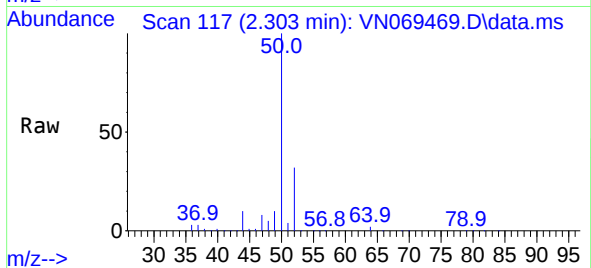
Tgt Ion: 85 Resp: 209339
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 19.133 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

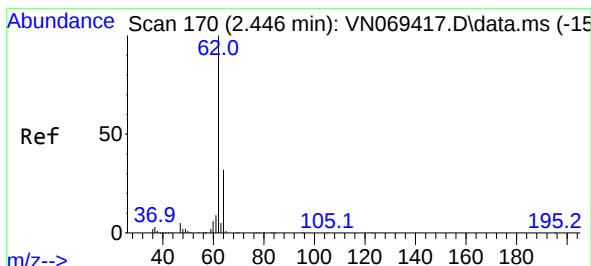
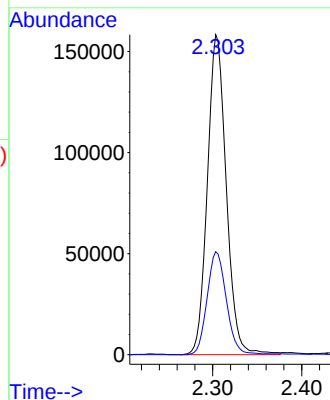
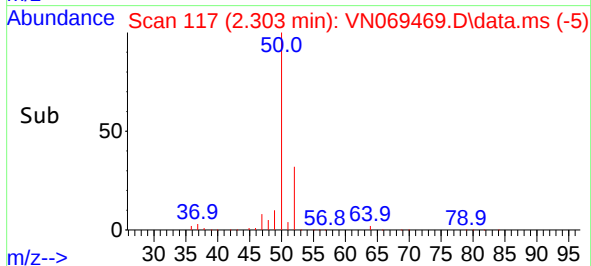
Instrument :
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ClientSampleId :
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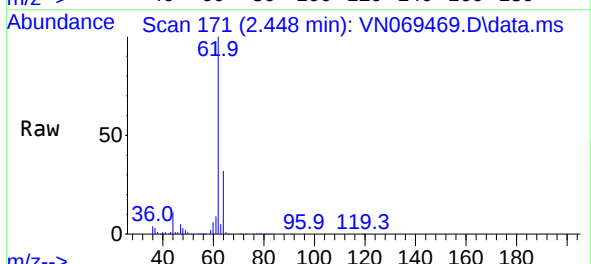
Tgt Ion: 50 Resp: 233080
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

Manual Integrations
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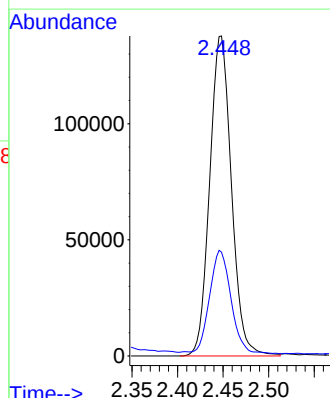
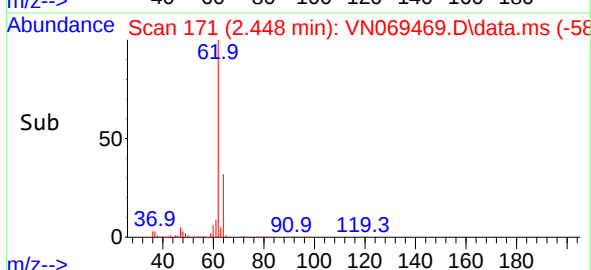
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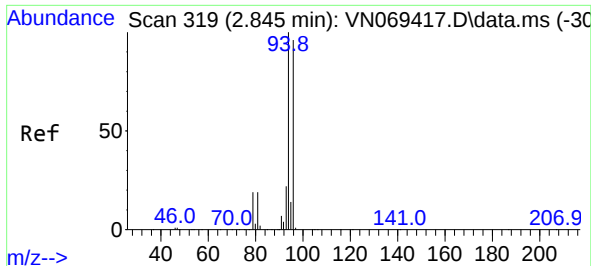


#4
Vinyl Chloride
Concen: 18.736 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



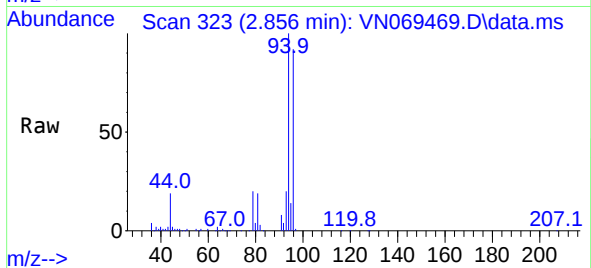
Tgt Ion: 62 Resp: 228531
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 19.431 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

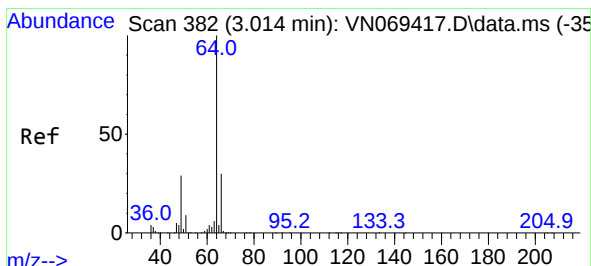
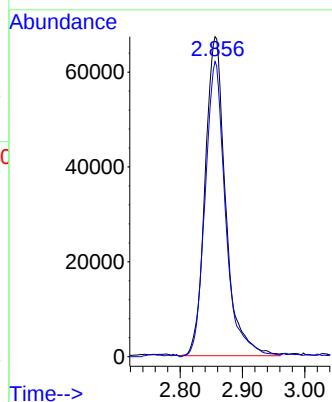
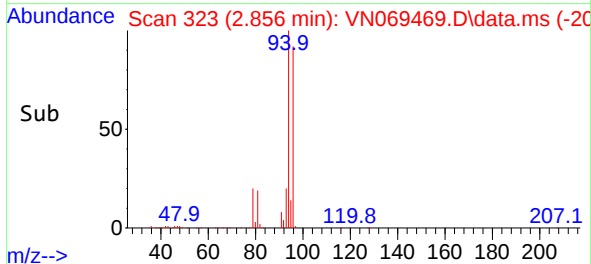
Instrument :
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Tgt Ion: 94 Resp: 153929
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

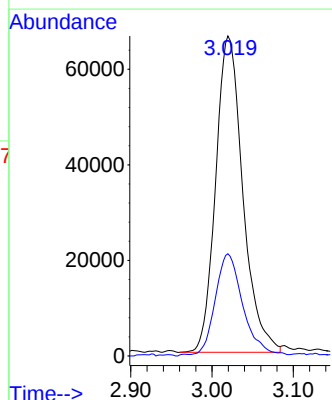
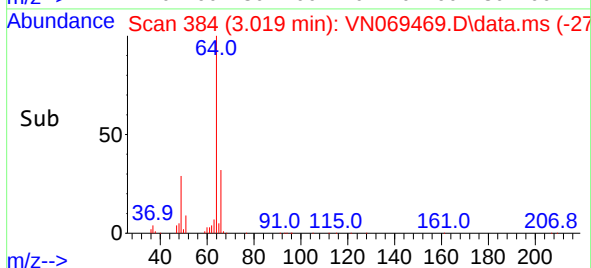
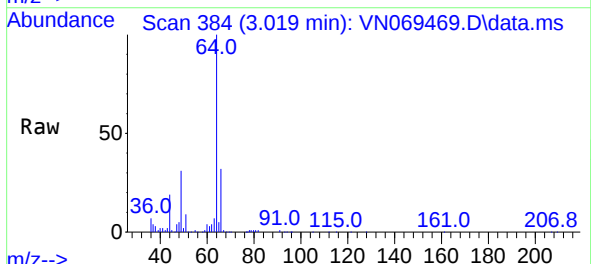
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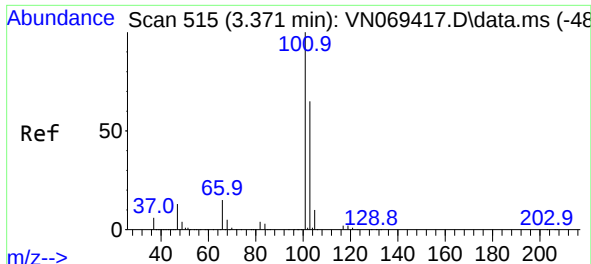
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 18.648 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion: 64 Resp: 153533
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





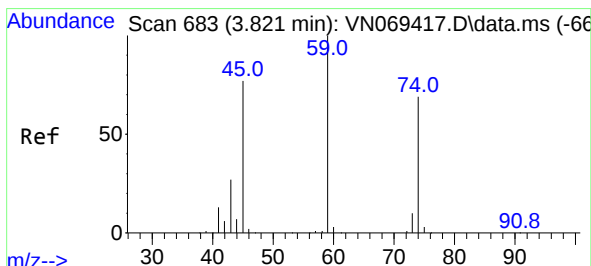
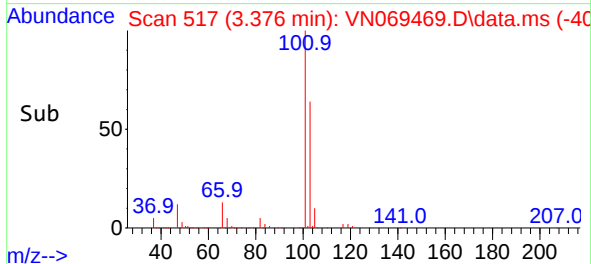
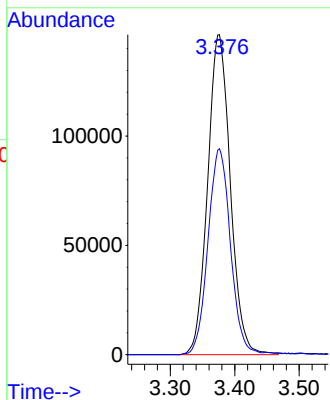
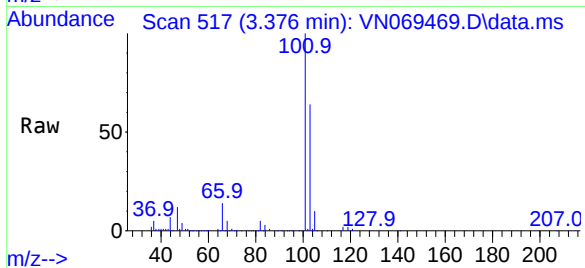
#7
Trichlorofluoromethane
Concen: 19.003 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

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Tgt Ion:101 Resp: 358230
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

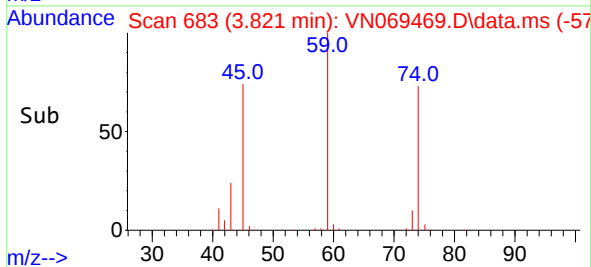
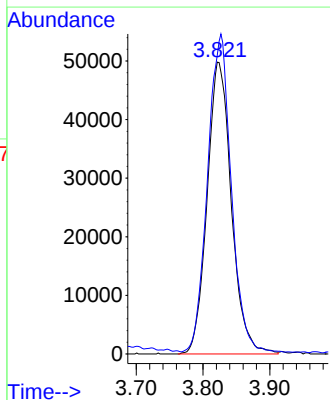
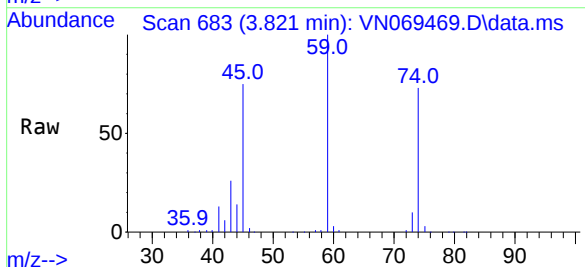
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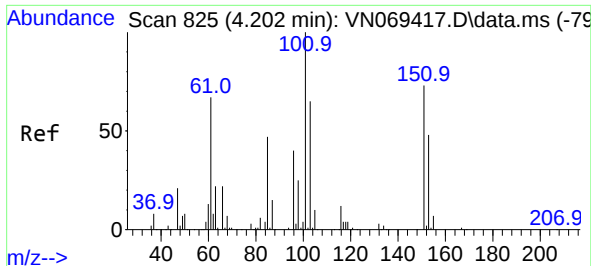
Reviewed By :John Carlone 11/15/2021
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#8
Diethyl Ether
Concen: 20.623 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion: 74 Resp: 125782
Ion Ratio Lower Upper
74 100
45 106.1 47.0 141.2





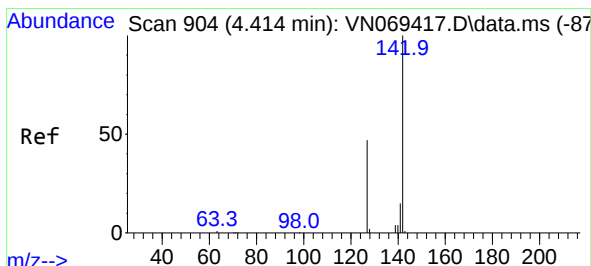
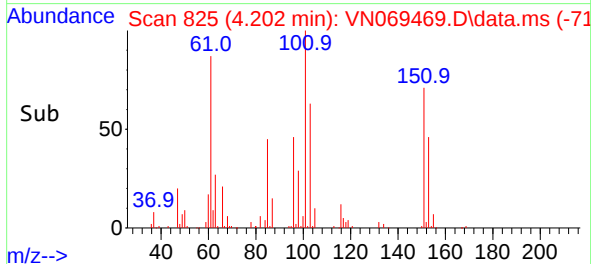
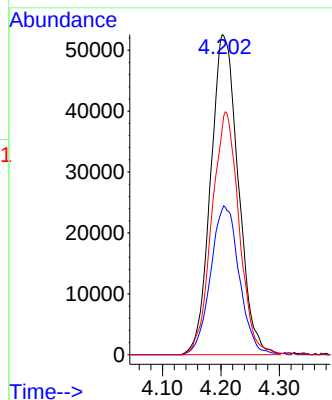
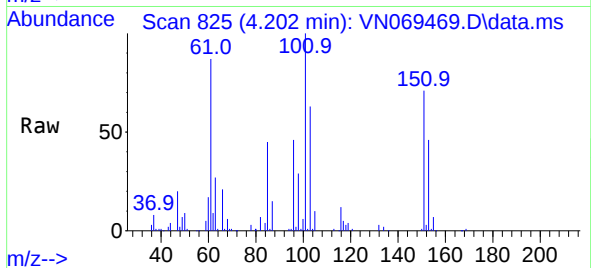
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.460 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:101 Resp: 172804
Ion Ratio Lower Upper
101 100
85 48.2 37.2 55.8
151 74.9 65.9 98.9

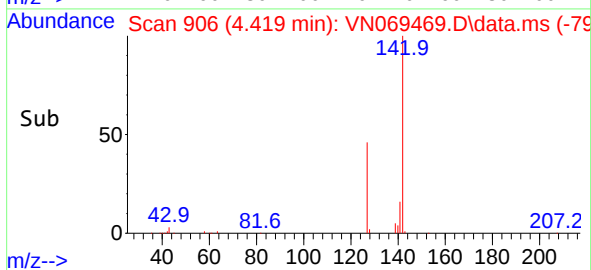
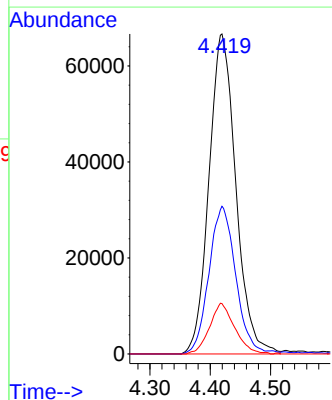
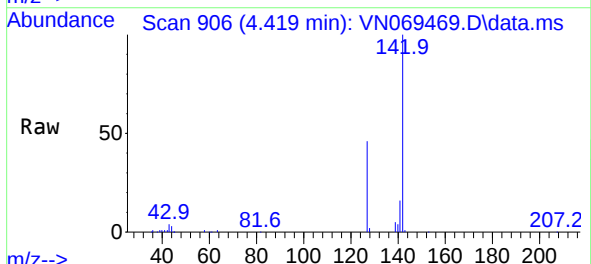
Manual Integrations
APPROVED

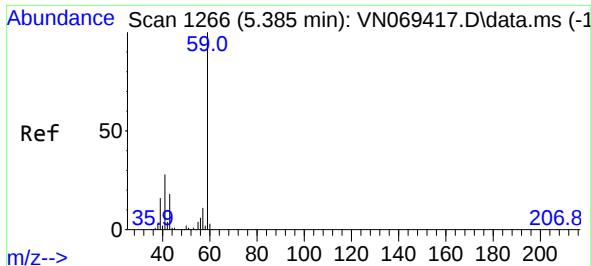
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 18.979 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

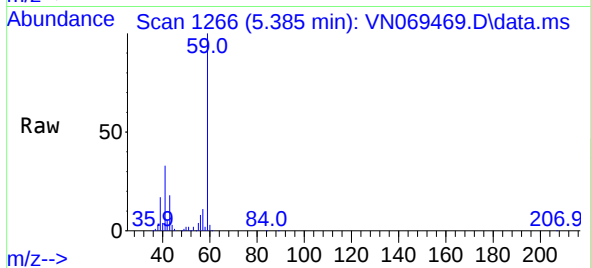
Tgt Ion:142 Resp: 206708
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 95.446 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

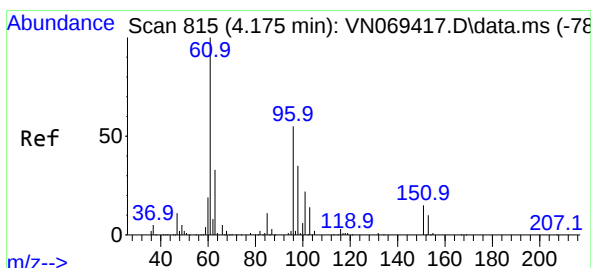
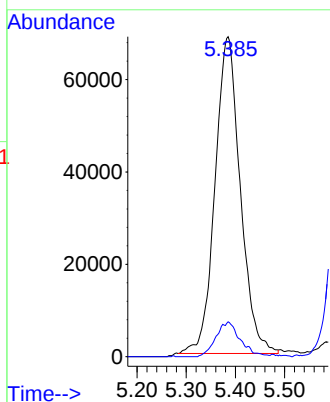
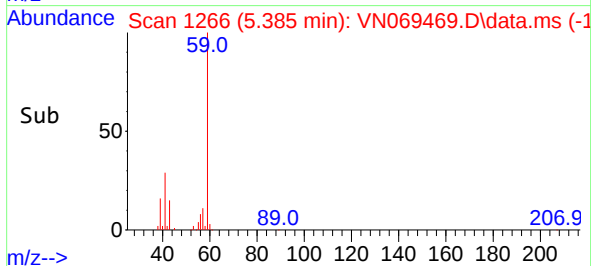
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



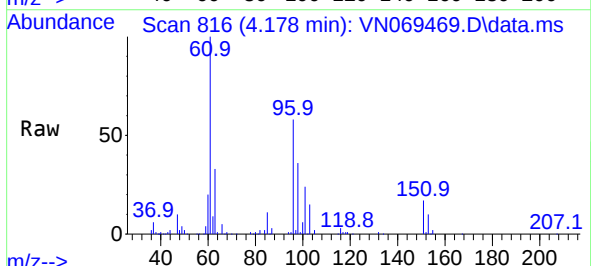
Tgt Ion: 59 Resp: 24518
Ion Ratio Lower Upper
59 100
57 9.6 8.7 13.1

Manual Integrations
APPROVED

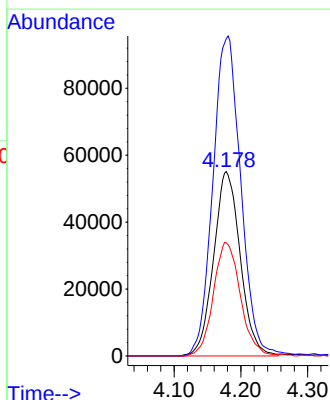
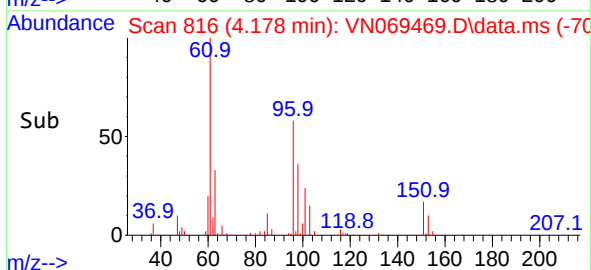
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

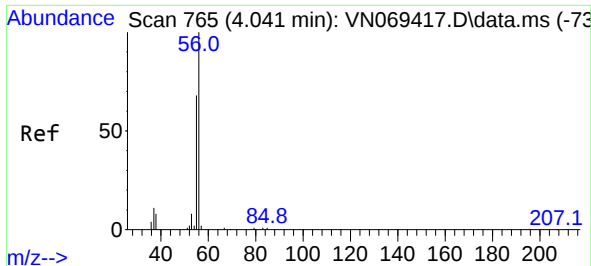


#12
1,1-Dichloroethene
Concen: 19.193 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



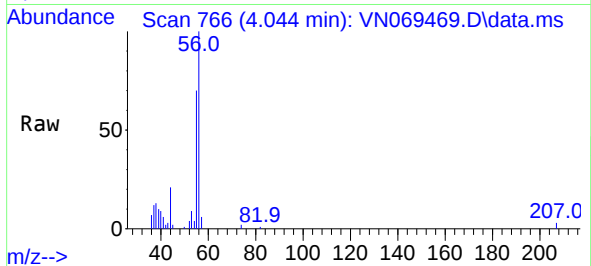
Tgt Ion: 96 Resp: 152945
Ion Ratio Lower Upper
96 100
61 172.1 131.0 196.6
98 61.4 52.4 78.6





#13
Acrolein
Concen: 79.866 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

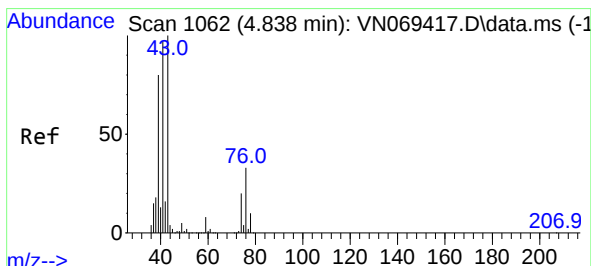
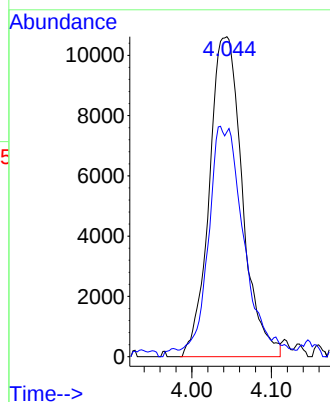
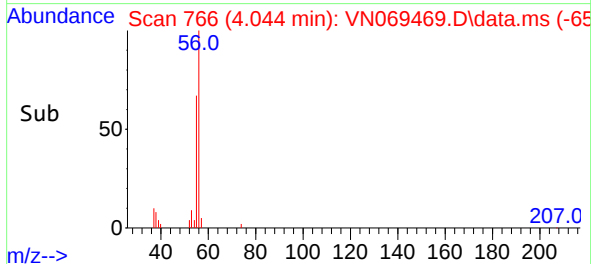
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



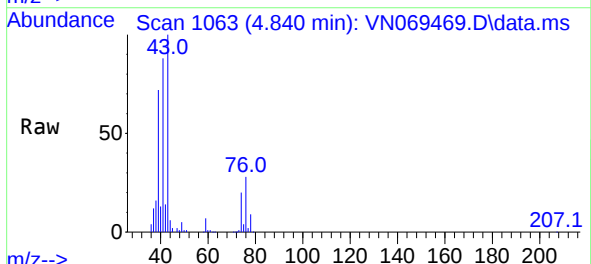
Tgt Ion: 56 Resp: 30690
Ion Ratio Lower Upper
56 100
55 33.8 56.6 85.0

Manual Integrations
APPROVED

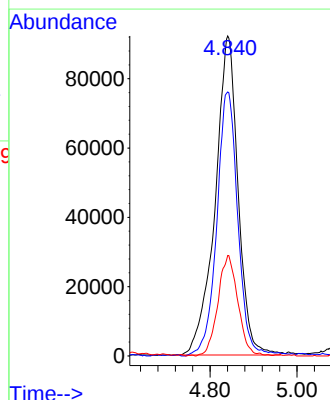
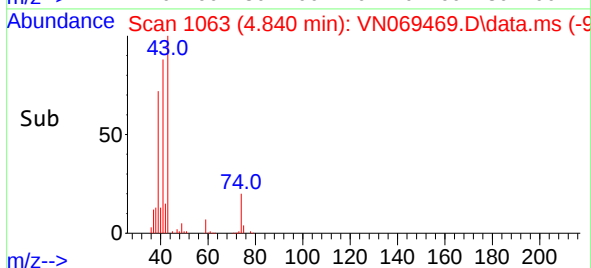
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

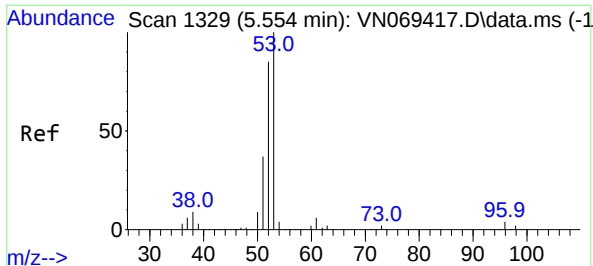


#14
Allyl chloride
Concen: 19.187 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



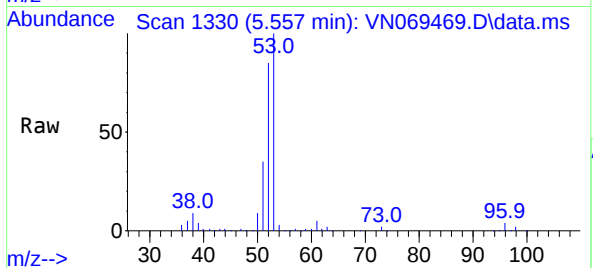
Tgt Ion: 41 Resp: 338054
Ion Ratio Lower Upper
41 100
39 74.8 61.2 91.8
76 27.1 26.0 39.0





#15
Acrylonitrile
Concen: 105.100 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

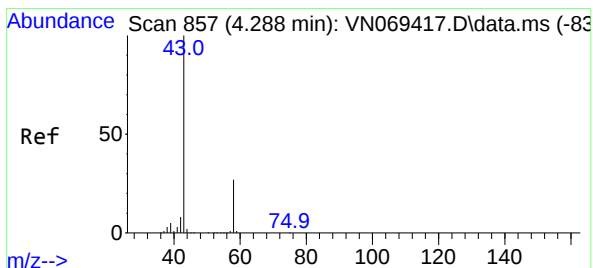
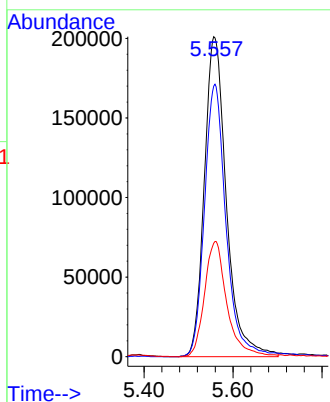
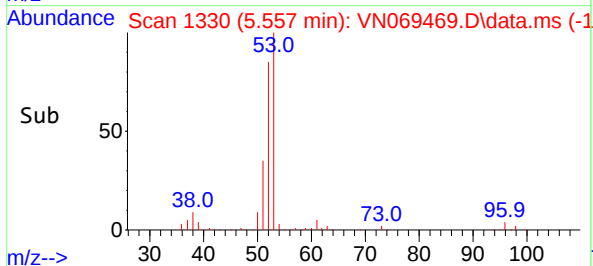
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion: 53 Resp: 691394
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 36.5 29.6 44.4

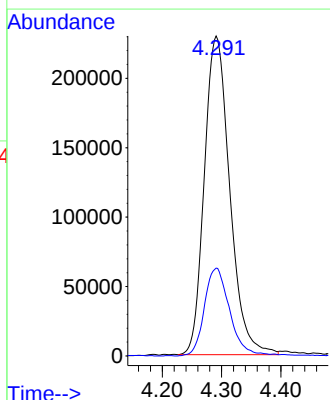
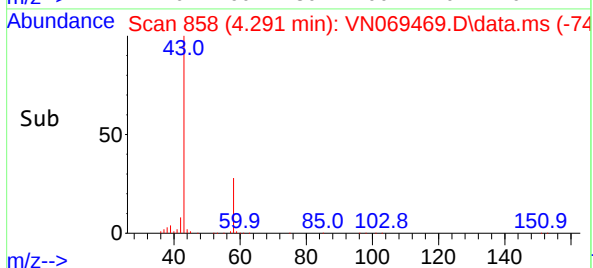
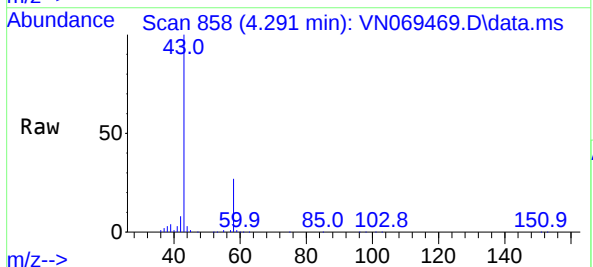
Manual Integrations
APPROVED

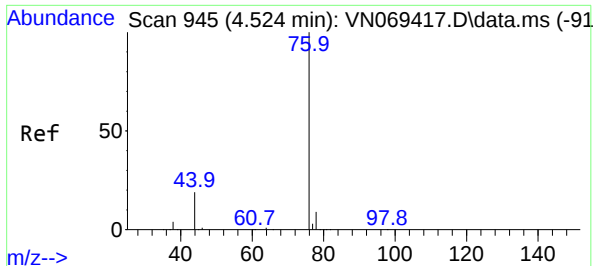
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 88.945 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

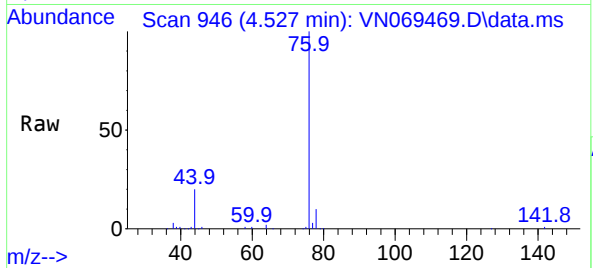
Tgt Ion: 43 Resp: 684141
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 15.441 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

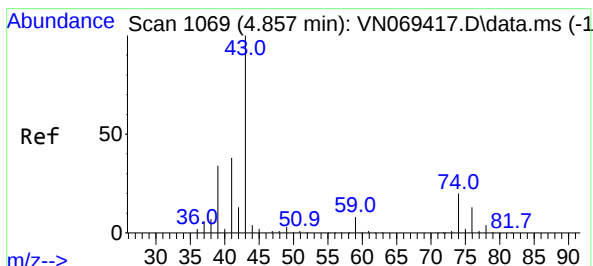
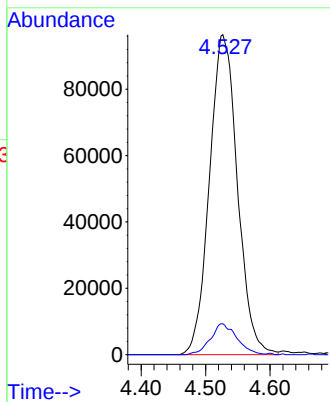
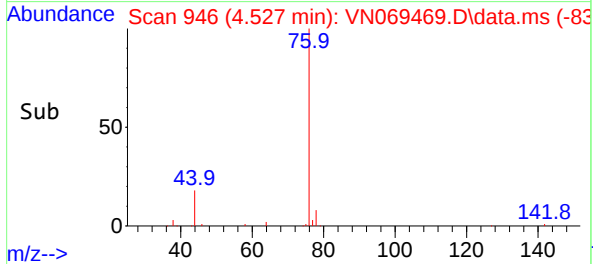
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



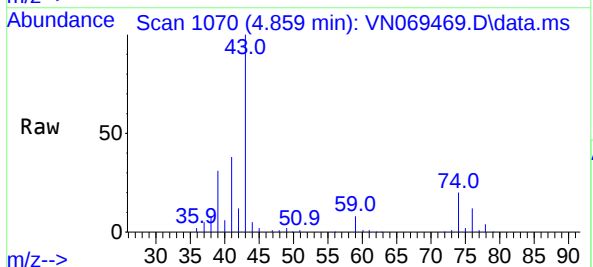
Tgt Ion: 76 Resp: 290858
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
APPROVED

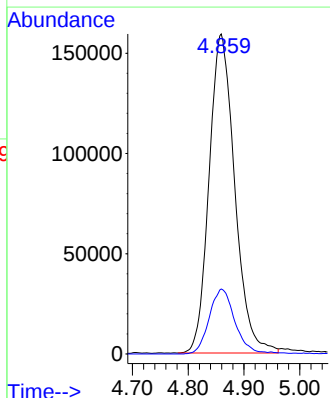
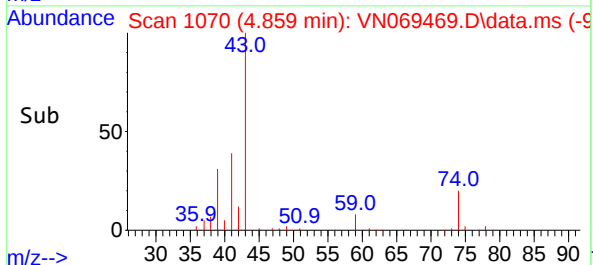
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

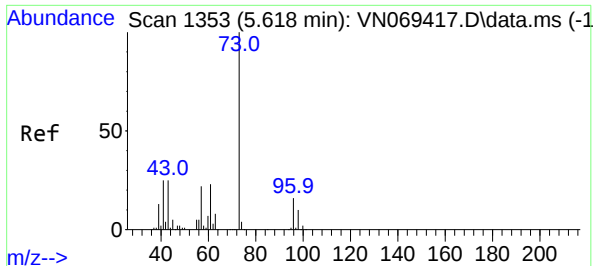


#18
Methyl Acetate
Concen: 20.339 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion: 43 Resp: 508544
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





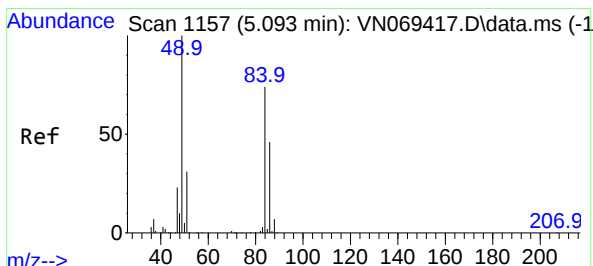
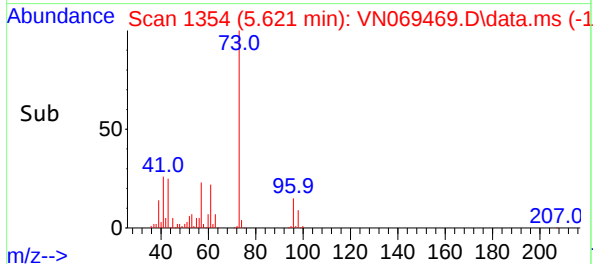
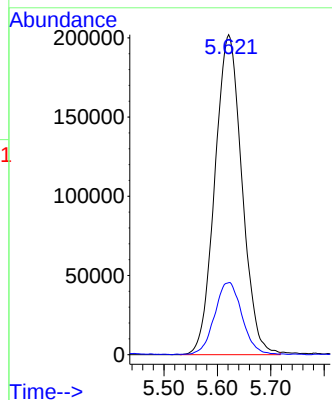
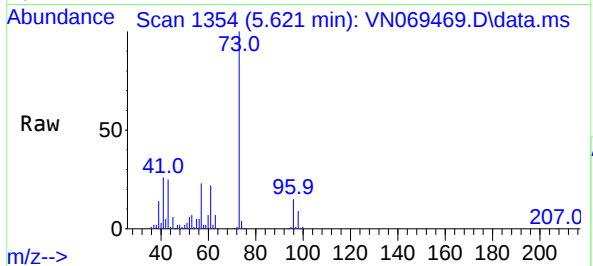
#19
Methyl tert-butyl Ether
Concen: 21.117 ug/l
RT: 5.621 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 73 Resp: 71217
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

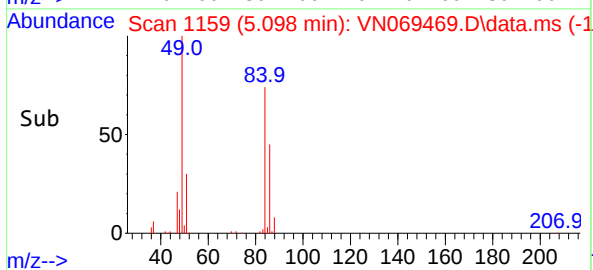
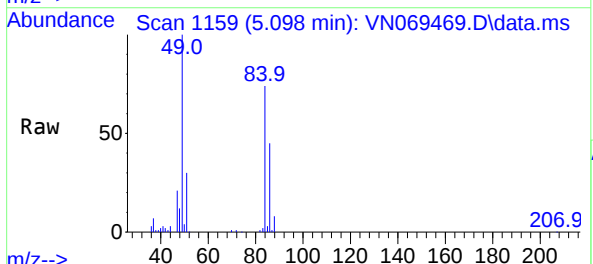
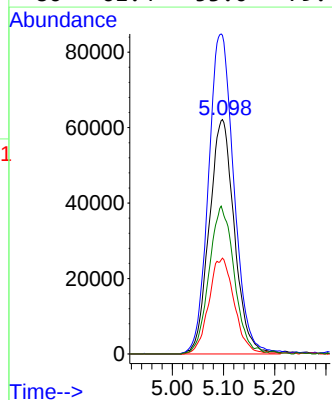
Manual Integrations
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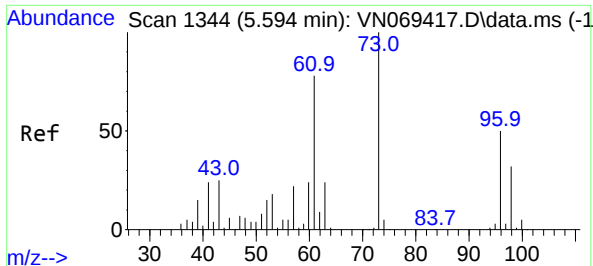
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 19.411 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

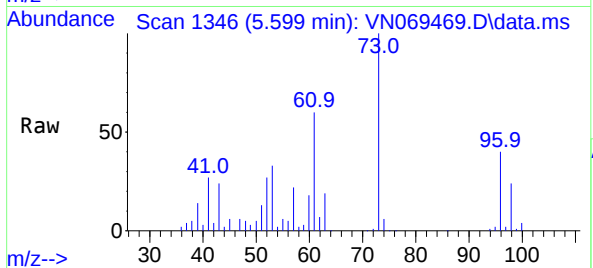
Tgt Ion: 84 Resp: 211722
Ion Ratio Lower Upper
84 100
49 136.0 93.5 140.3
51 40.9 29.4 44.2
86 61.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.176 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

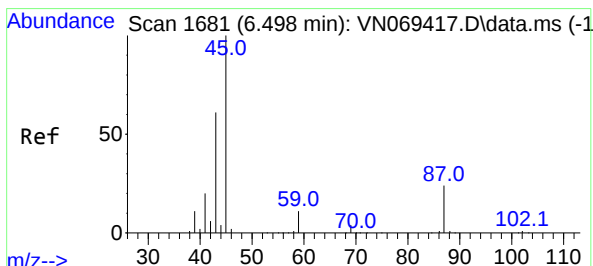
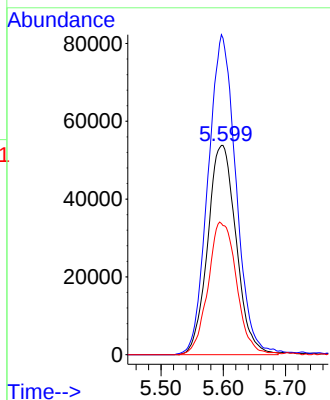
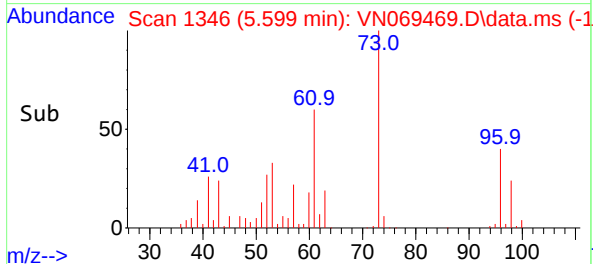
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



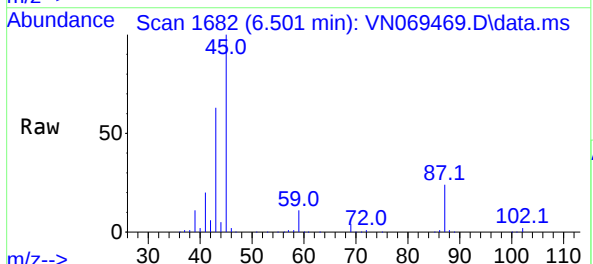
Tgt Ion: 96 Resp: 170683
Ion Ratio Lower Upper
96 100
61 150.8 105.8 158.6
98 61.7 52.0 78.0

Manual Integrations
APPROVED

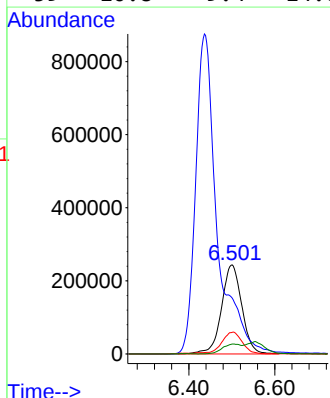
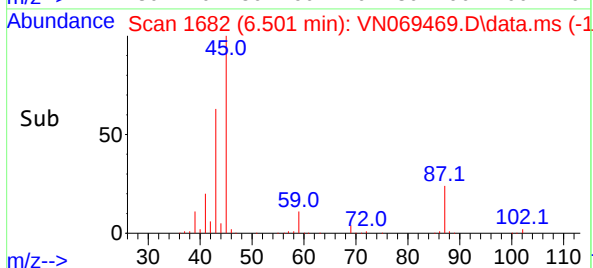
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

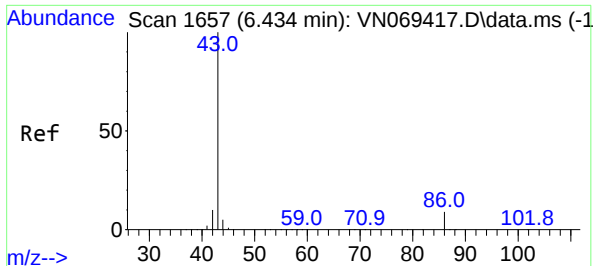


#22
Diisopropyl ether
Concen: 21.107 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion: 45 Resp: 801066
Ion Ratio Lower Upper
45 100
43 61.7 51.7 77.5
87 24.2 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 104.233 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 43 Resp: 305961

Ion Ratio Lower Upper

43 100

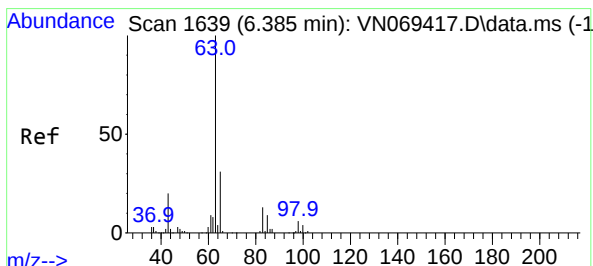
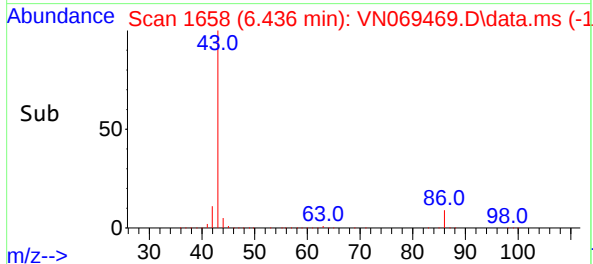
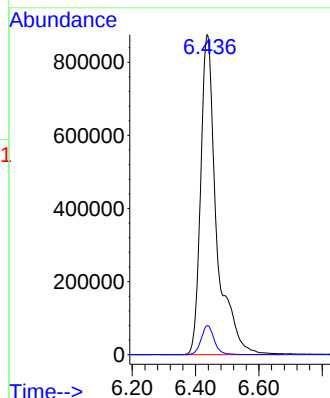
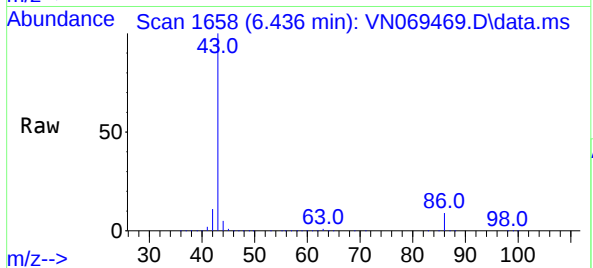
86 9.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 19.828 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

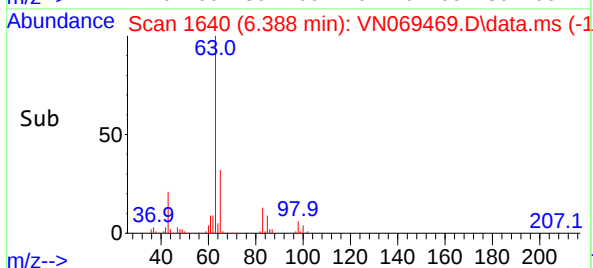
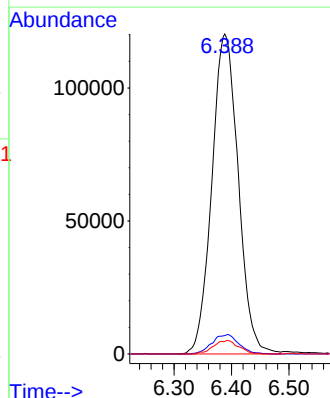
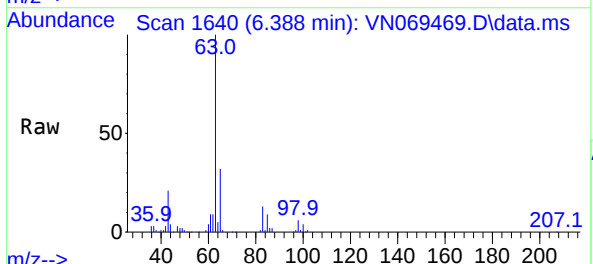
Tgt Ion: 63 Resp: 383282

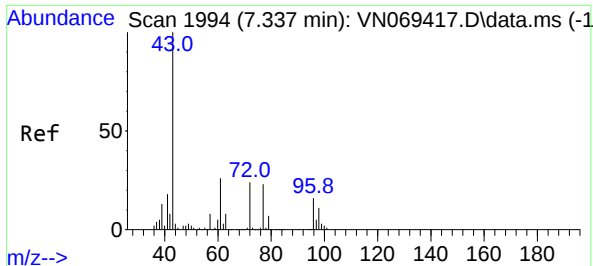
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 100.182 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 43 Resp: 1043419

Ion Ratio Lower Upper

43 100

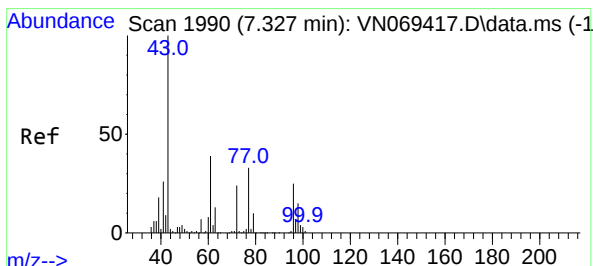
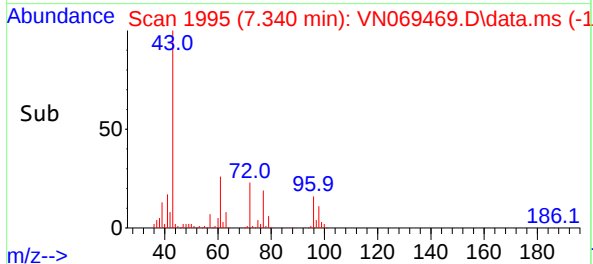
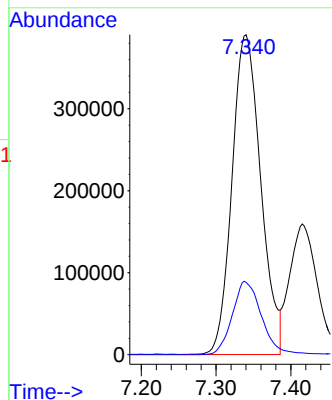
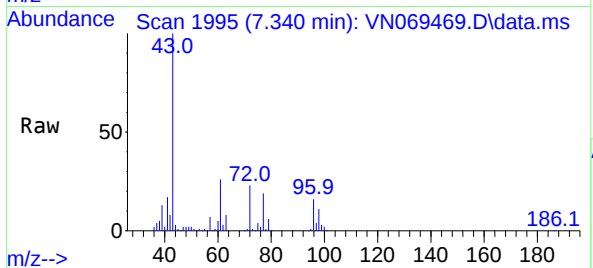
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 18.185 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.002 min

Lab File: VN069469.D

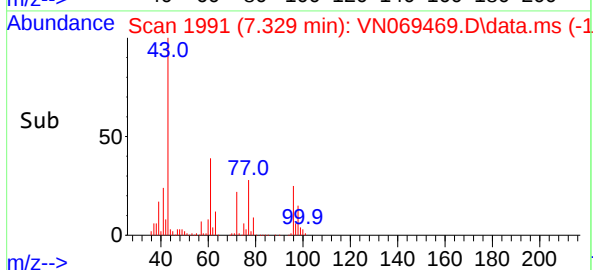
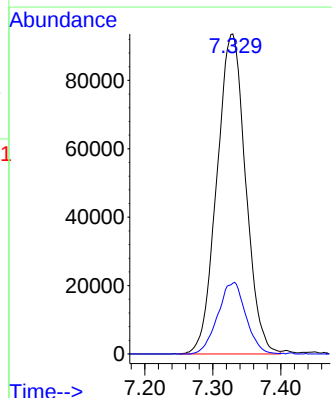
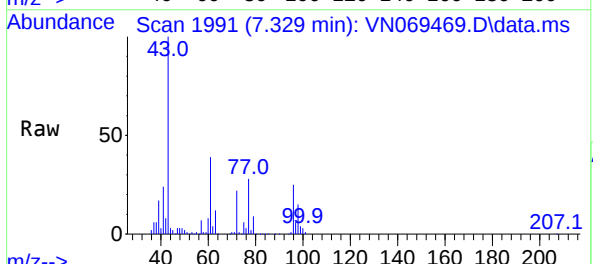
Acq: 12 Nov 2021 15:49

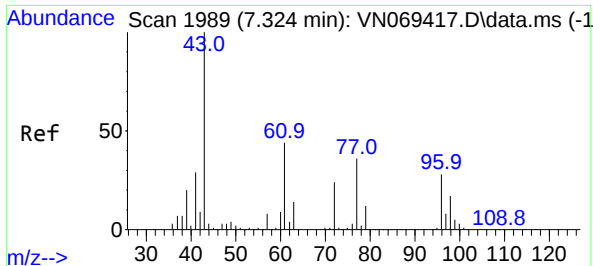
Tgt Ion: 77 Resp: 275035

Ion Ratio Lower Upper

77 100

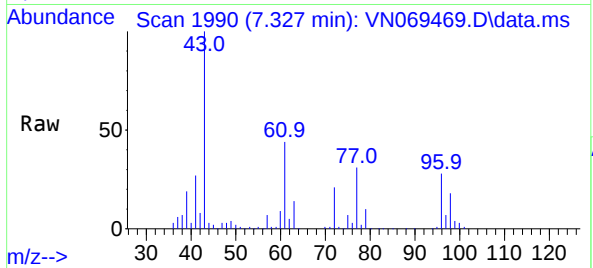
97 21.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.750 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

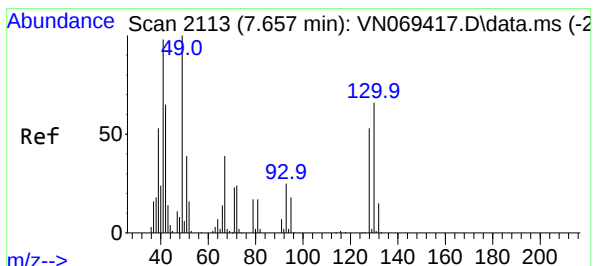
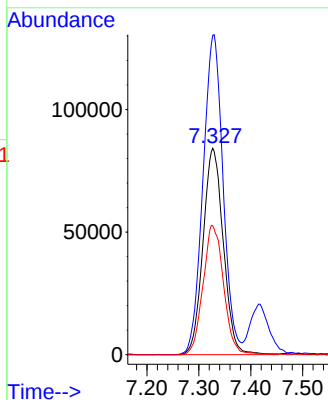
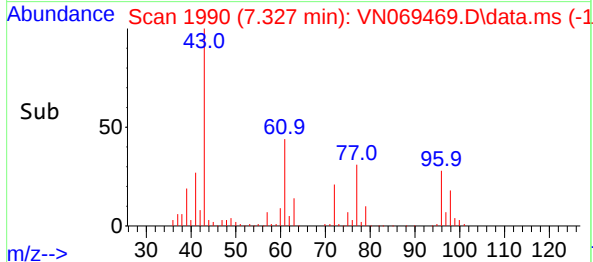
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion: 96 Resp: 228945
Ion Ratio Lower Upper
96 100
61 153.2 0.0 275.0
98 63.2 0.0 129.6

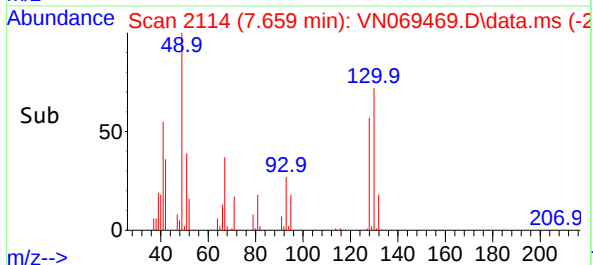
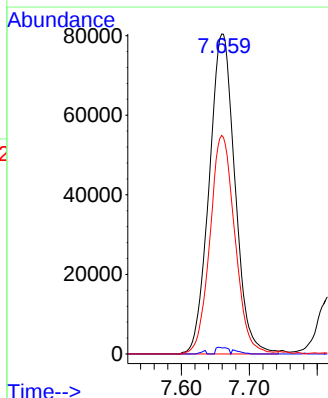
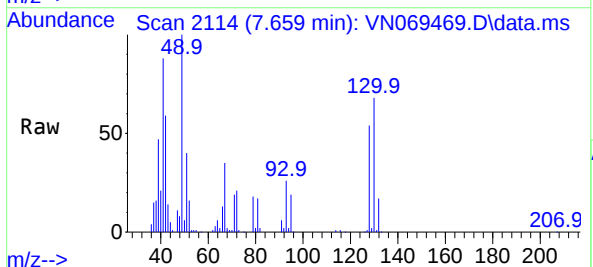
Manual Integrations
APPROVED

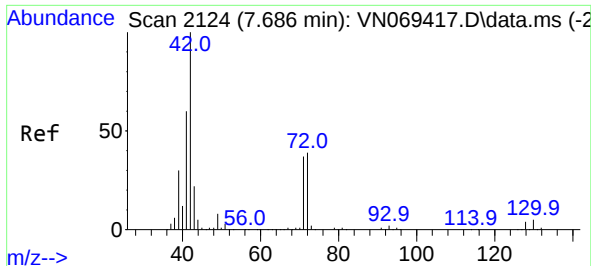
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 21.404 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

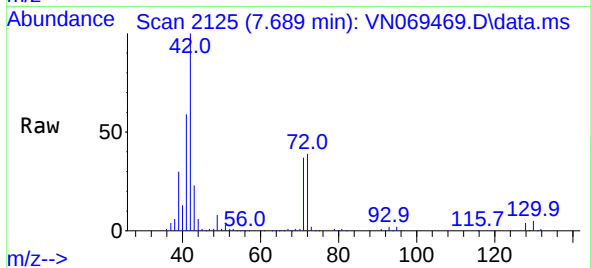
Tgt Ion: 49 Resp: 211888
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 66.0 67.8 101.8





#29
Tetrahydrofuran
Concen: 105.807 ug/l
RT: 7.689 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

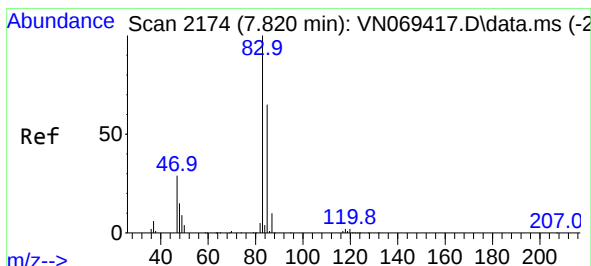
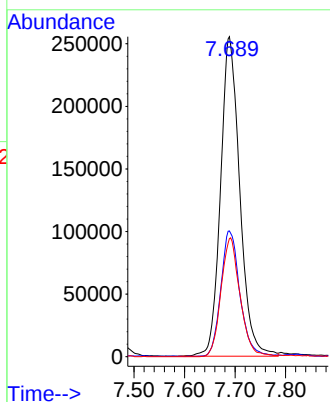
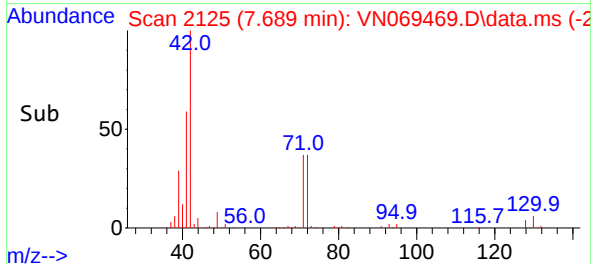
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



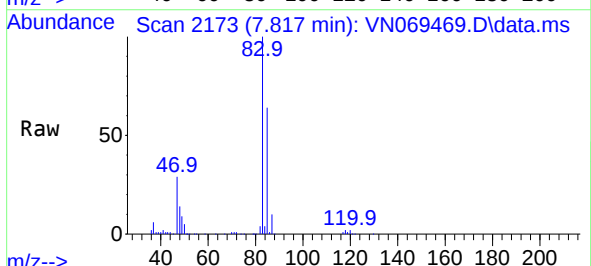
Tgt Ion: 42 Resp: 67627
Ion Ratio Lower Upper
42 100
72 39.0 36.3 54.5
71 36.8 34.7 52.1

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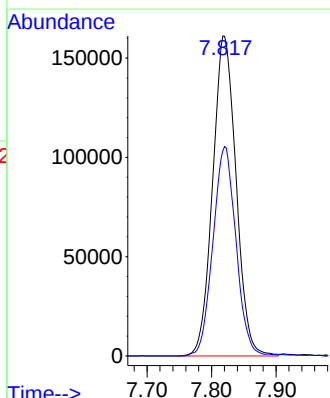
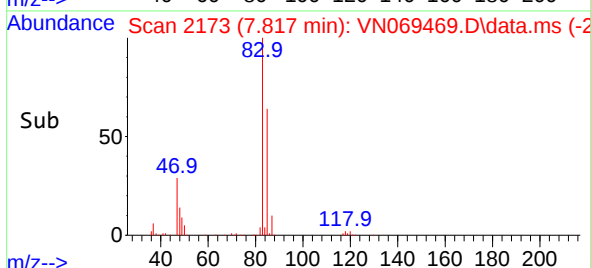
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

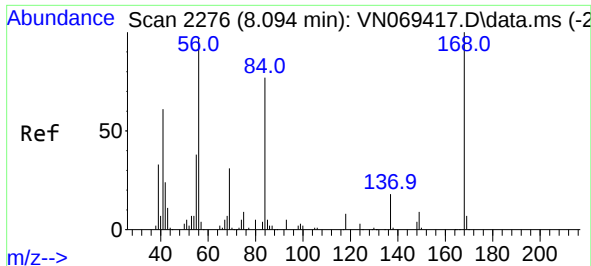


#30
Chloroform
Concen: 20.534 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



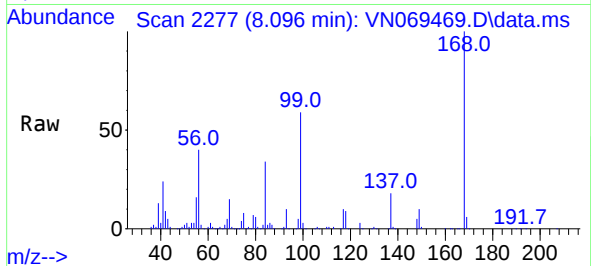
Tgt Ion: 83 Resp: 406944
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 18.872 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

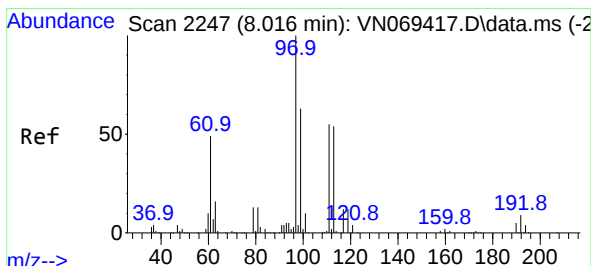
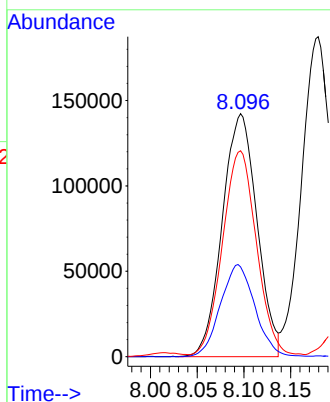
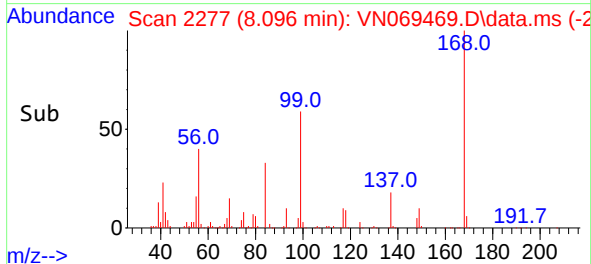
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



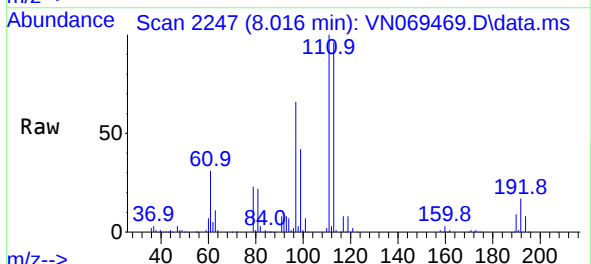
Tgt Ion: 56 Resp: 367568
Ion Ratio Lower Upper
56 100
69 36.9 27.1 40.7
84 83.5 73.4 110.0

Manual Integrations
APPROVED

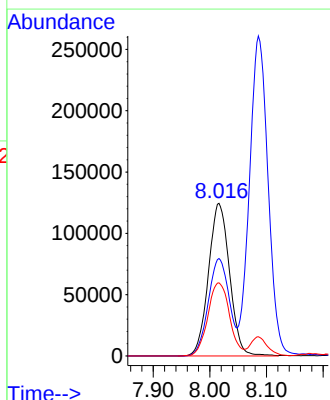
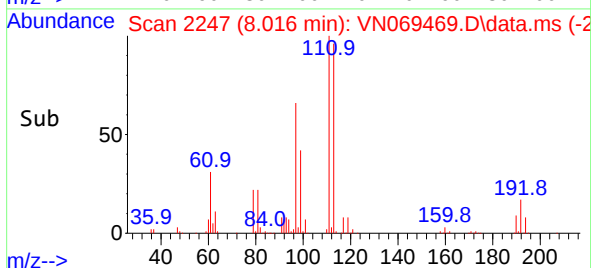
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

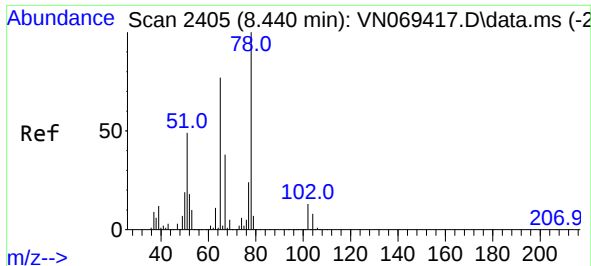


#32
1,1,1-Trichloroethane
Concen: 19.472 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion: 97 Resp: 322110
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 49.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.323 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 65 Resp: 73165

Ion Ratio Lower Upper

65 100

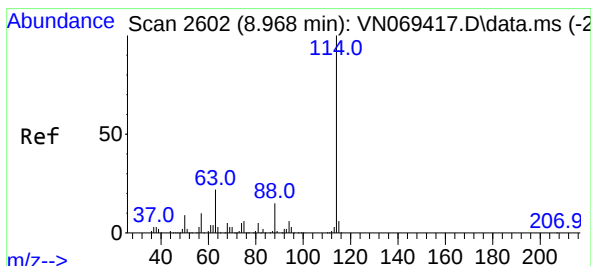
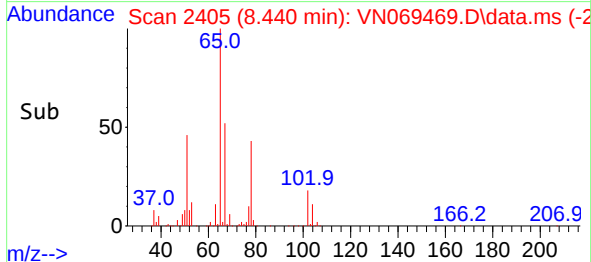
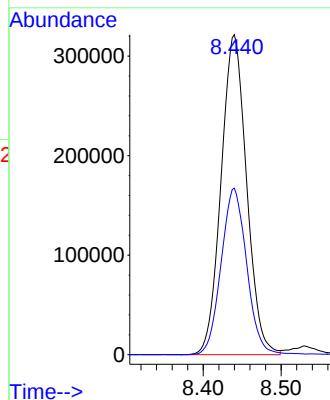
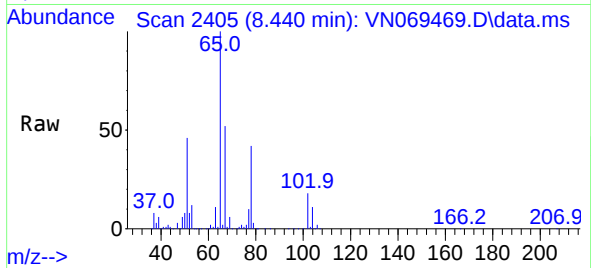
67 52.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

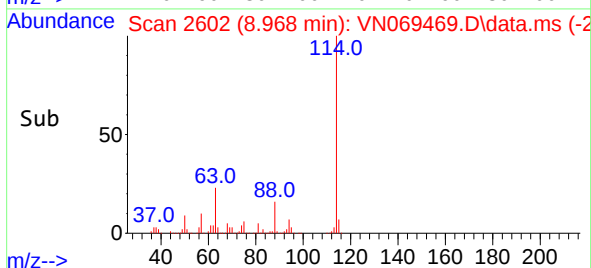
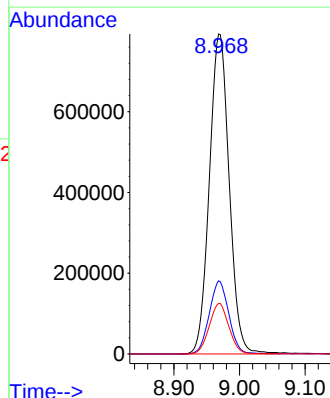
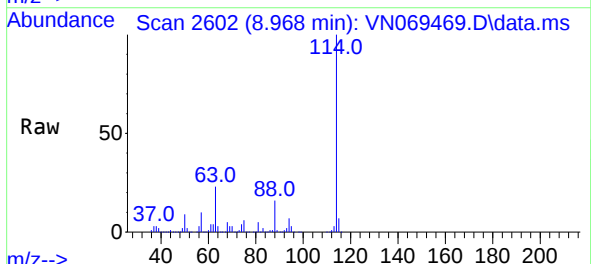
Tgt Ion:114 Resp: 1663473

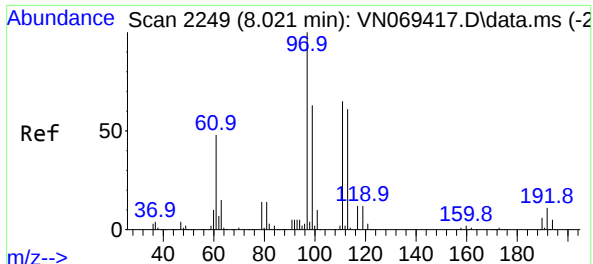
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

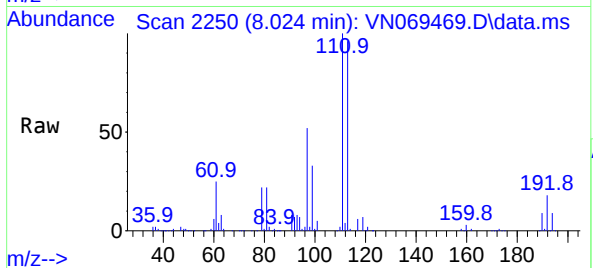
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.176 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

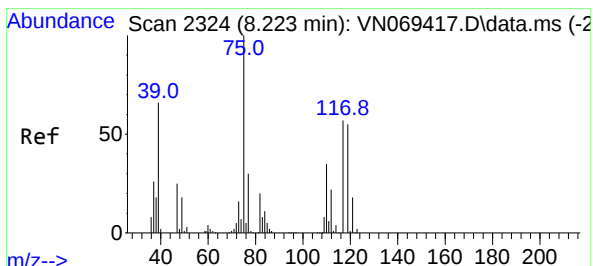
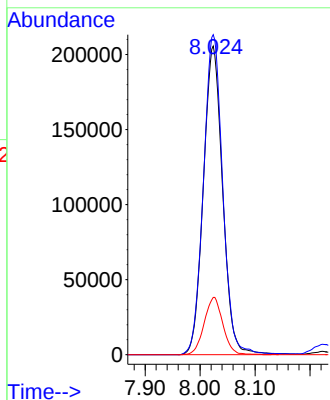
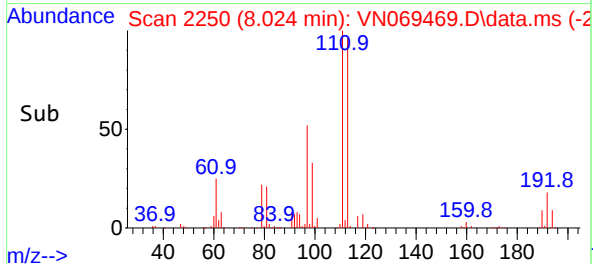
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion:113 Resp: 500590
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.0 16.9 25.3

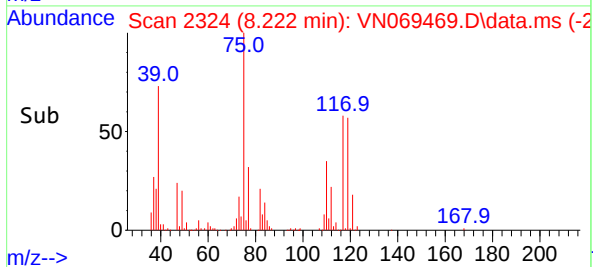
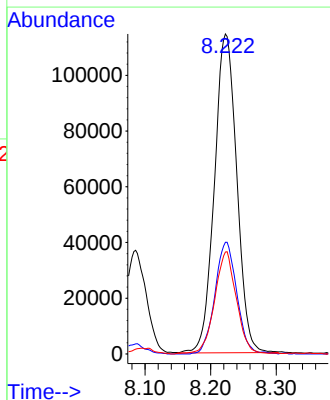
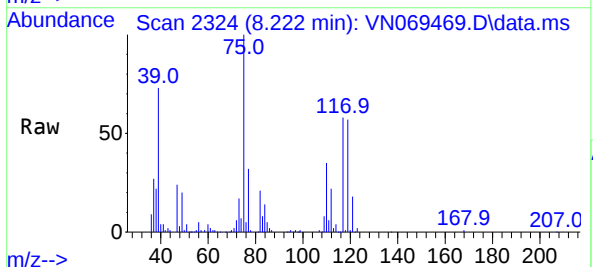
Manual Integrations
APPROVED

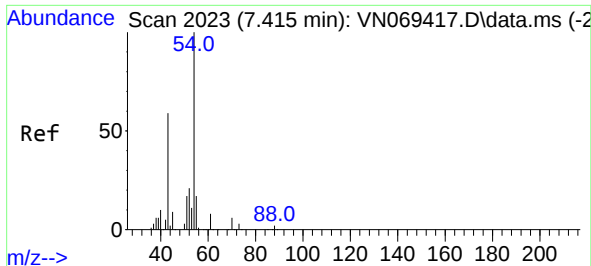
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 19.335 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion: 75 Resp: 270628
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.513 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 43 Resp: 407040

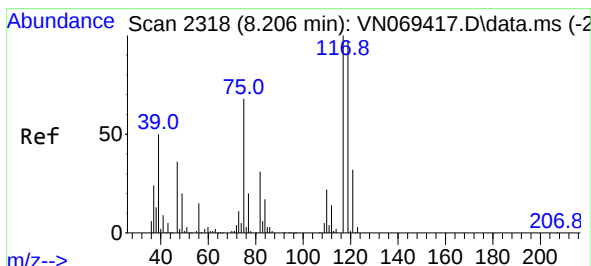
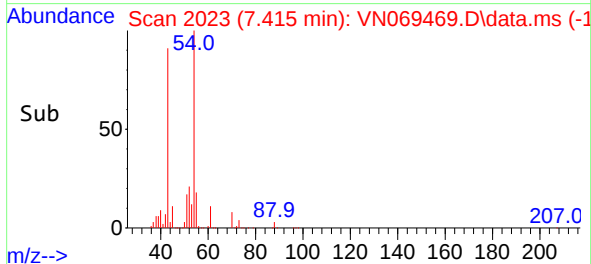
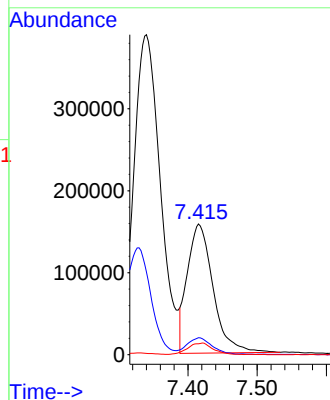
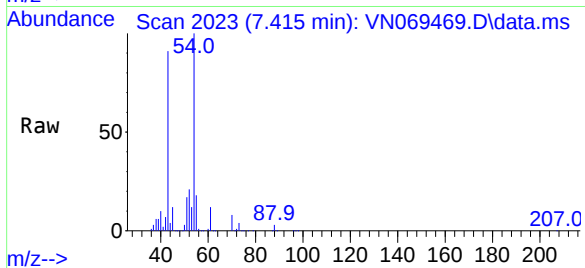
Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.5	17.3
70	8.6	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 18.748 ug/l

RT: 8.209 min Scan# 2319

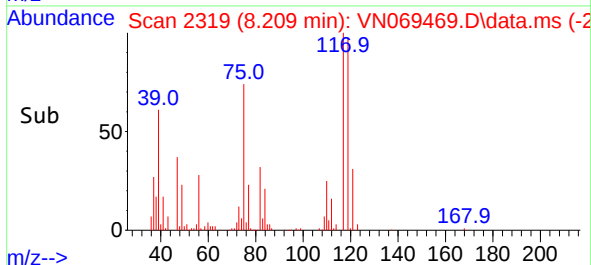
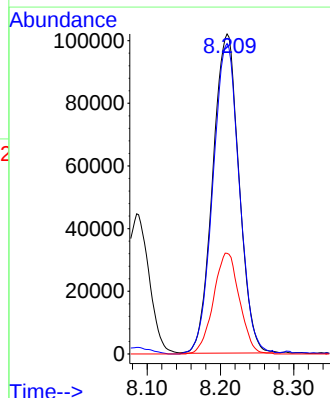
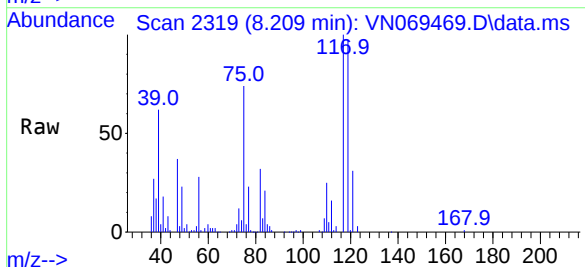
Delta R.T. 0.003 min

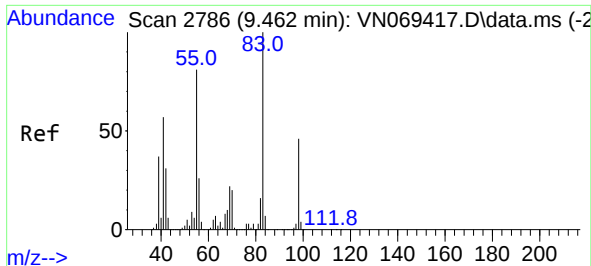
Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Tgt Ion: 117 Resp: 253344

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.1	114.1
121	31.6	24.2	36.2





#39

Methylcyclohexane

Concen: 19.010 ug/l

RT: 9.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 83 Resp: 331004

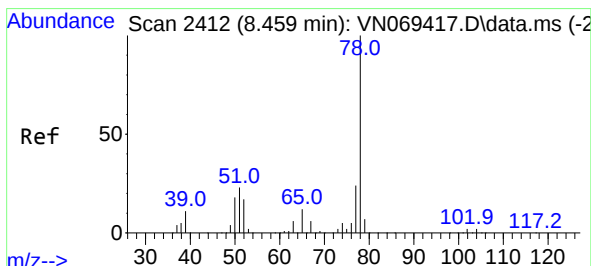
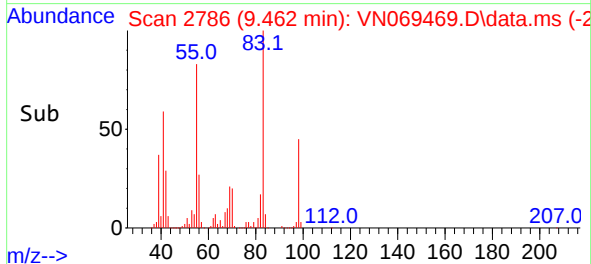
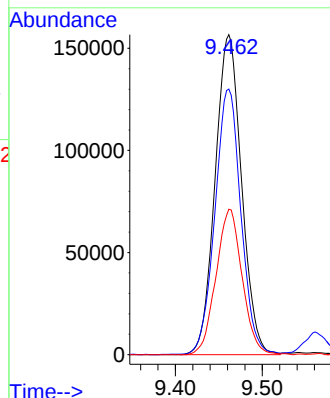
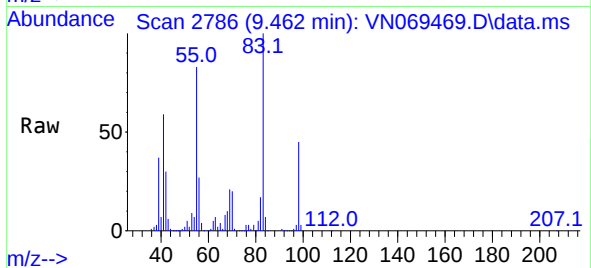
Ion	Ratio	Lower	Upper
83	100		
55	82.8	58.1	87.1
98	45.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 20.320 ug/l

RT: 8.461 min Scan# 2413

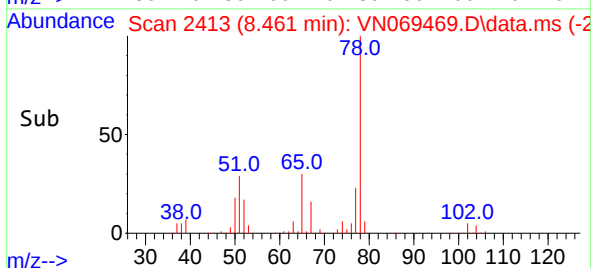
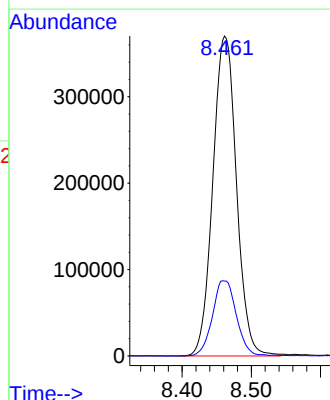
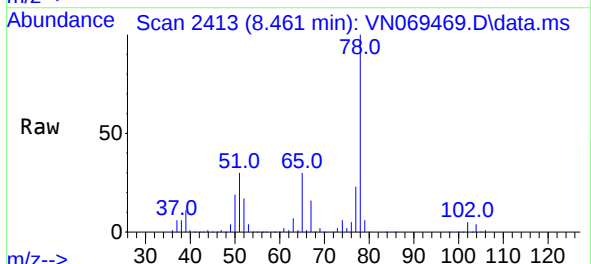
Delta R.T. 0.002 min

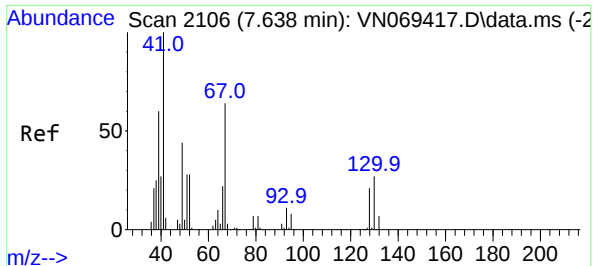
Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Tgt Ion: 78 Resp: 877899

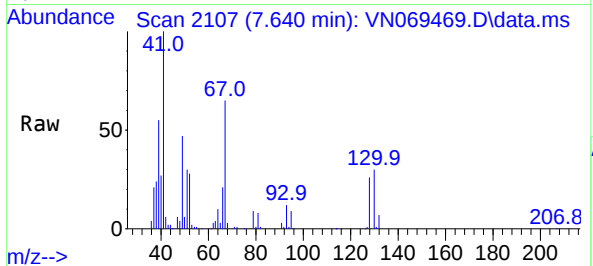
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#41
Methacrylonitrile
Concen: 21.581 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

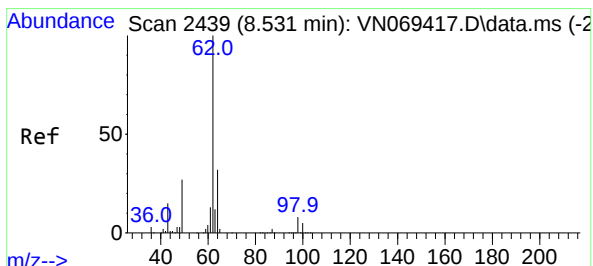
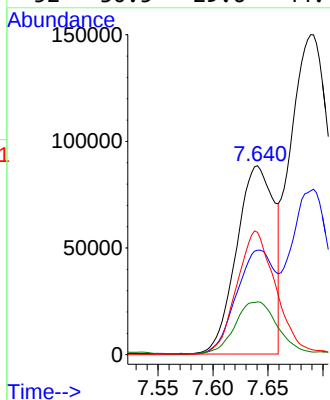
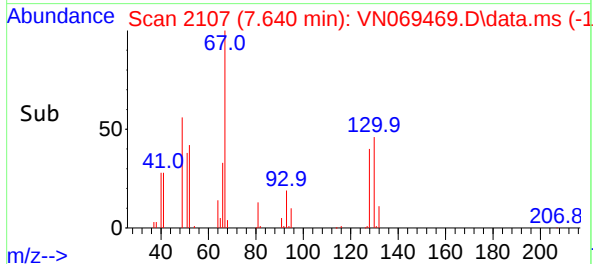
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion: 41 Resp: 21098
Ion Ratio Lower Upper
41 100
39 55.3 48.1 72.1
67 68.9 68.3 102.5
52 30.5 29.6 44.4

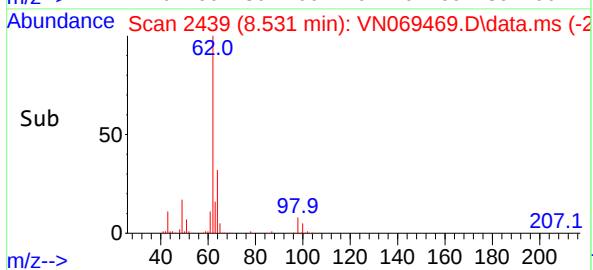
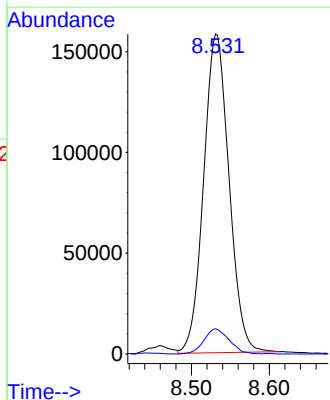
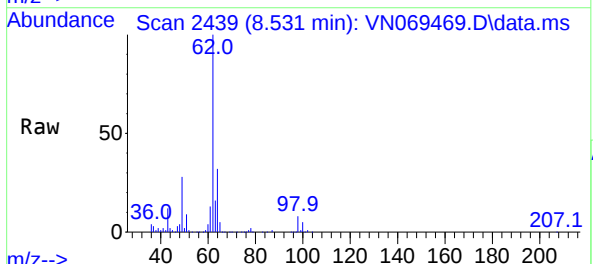
Manual Integrations
APPROVED

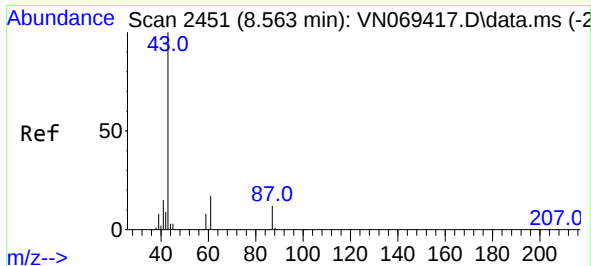
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 21.165 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

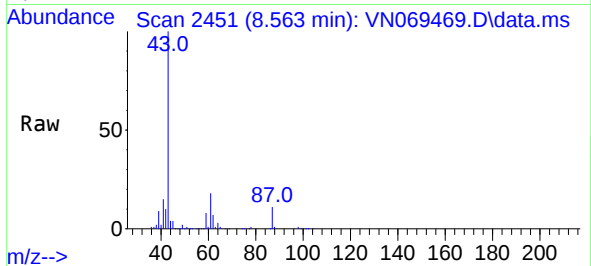
Tgt Ion: 62 Resp: 358053
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.144 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

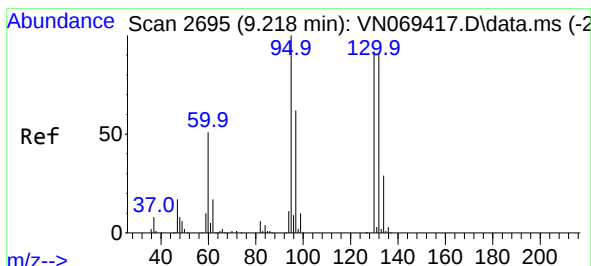
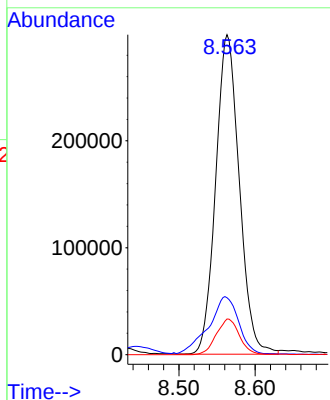
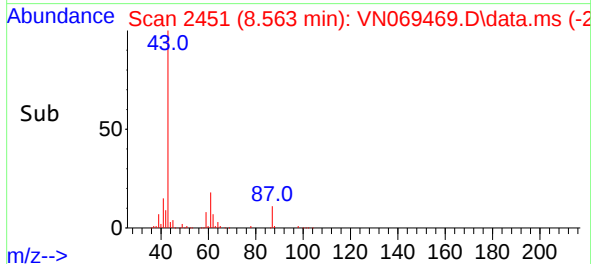
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion: 43 Resp: 64259
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.0 11.2 16.8

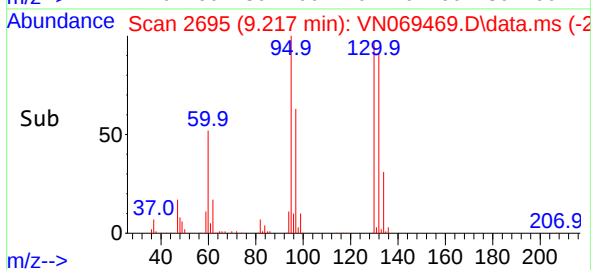
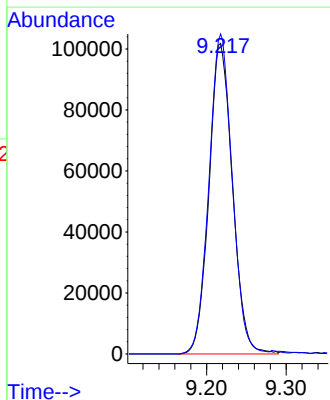
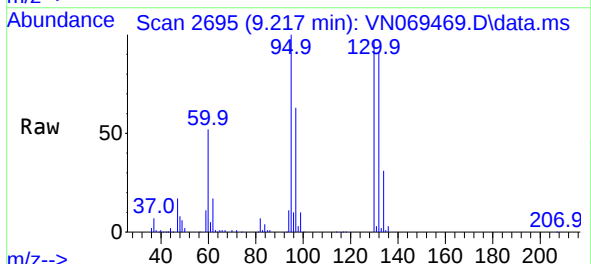
Manual Integrations
APPROVED

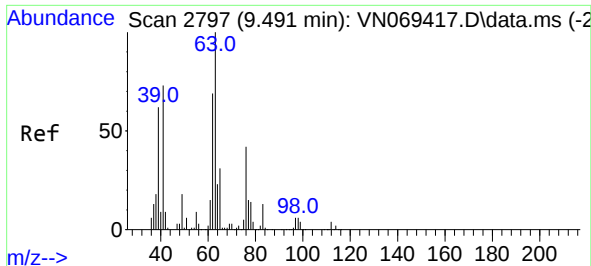
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 20.191 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion:130 Resp: 208774
Ion Ratio Lower Upper
130 100
95 103.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.090 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

Tgt Ion: 63 Resp: 243439

Ion Ratio Lower Upper

63 100

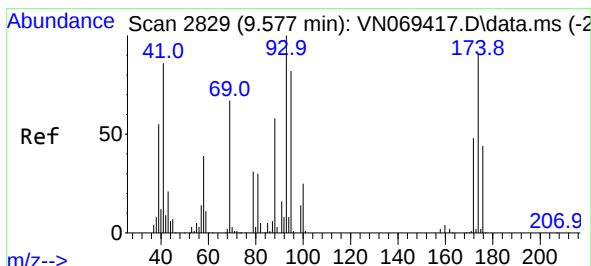
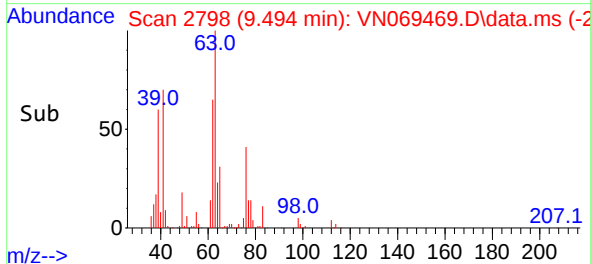
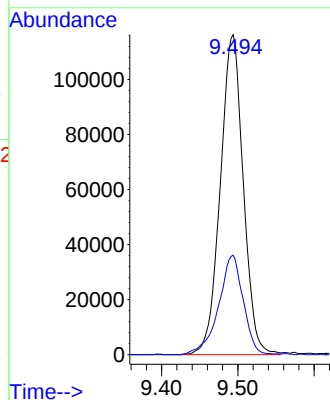
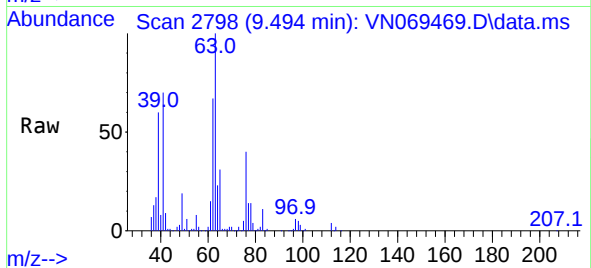
65 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069469.D

Acq: 12 Nov 2021 15:49

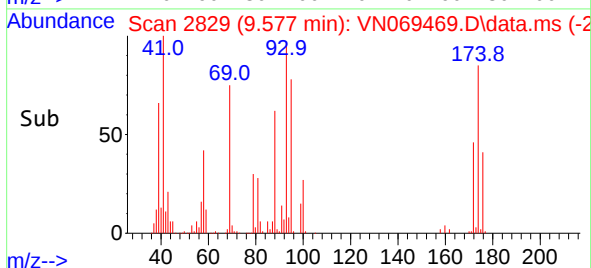
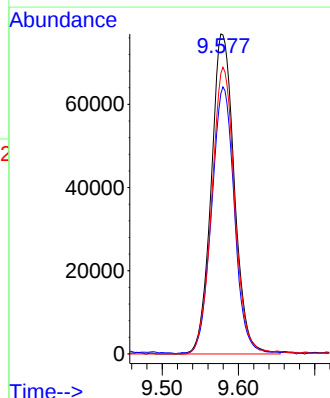
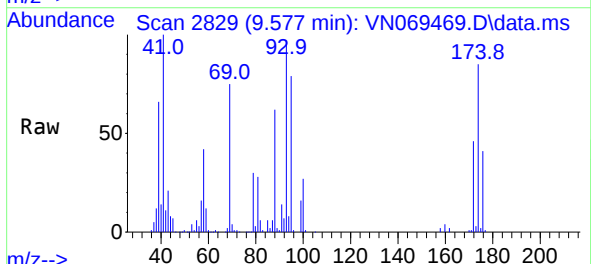
Tgt Ion: 93 Resp: 161626

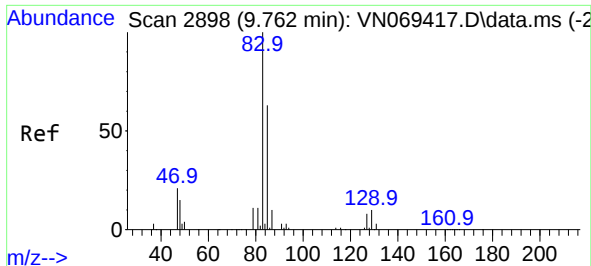
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

174 88.6 84.6 127.0





#47
Bromodichloromethane
Concen: 20.222 ug/l
RT: 9.765 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :

MSVOA_N

ClientSampleId :

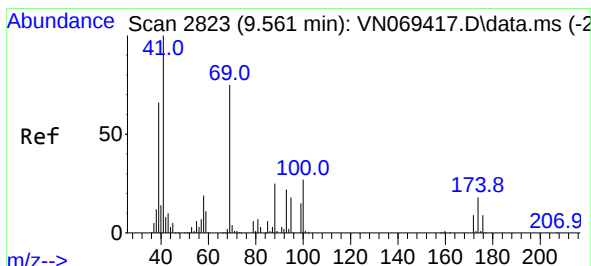
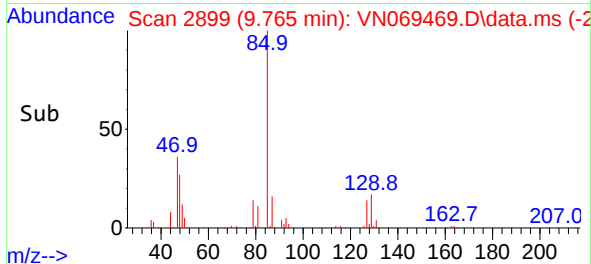
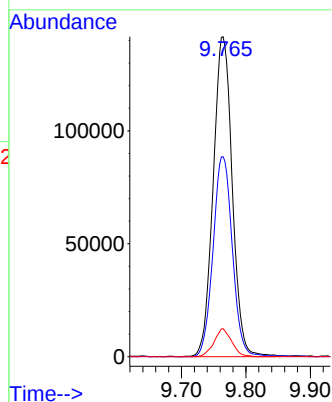
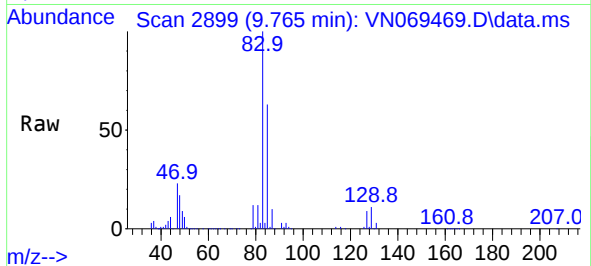
VN1112WBSD01

Tgt Ion: 83 Resp: 291759
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.8 7.1 10.7

Manual Integrations

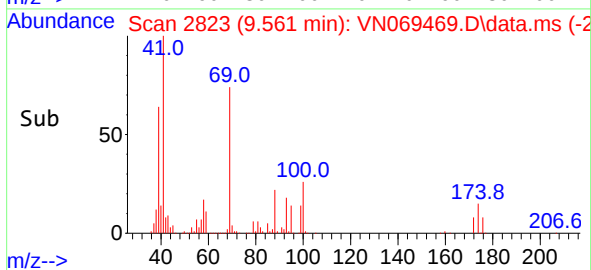
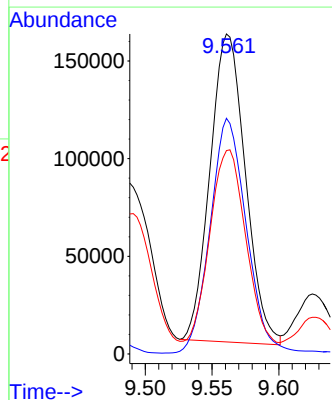
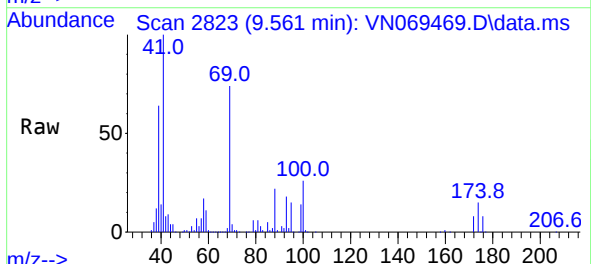
APPROVED

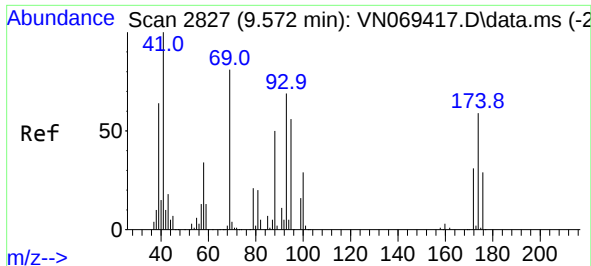
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 20.325 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

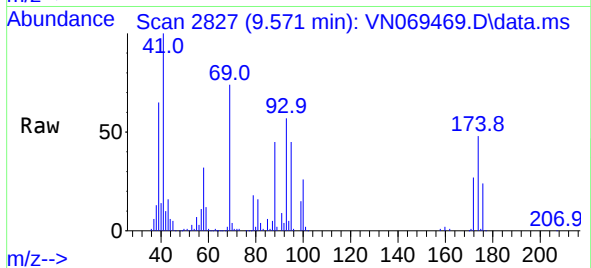
Tgt Ion: 41 Resp: 290612
Ion Ratio Lower Upper
41 100
69 78.3 72.4 108.6
39 63.7 58.4 87.6





#49
1,4-Dioxane
Concen: 409.535 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

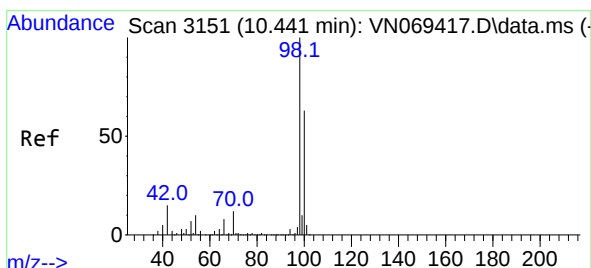
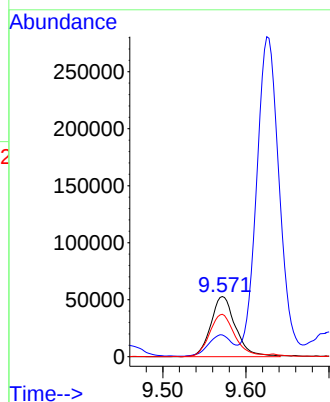
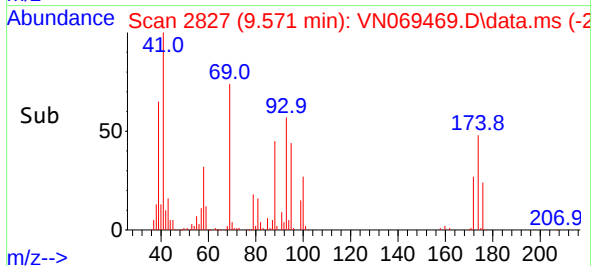
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



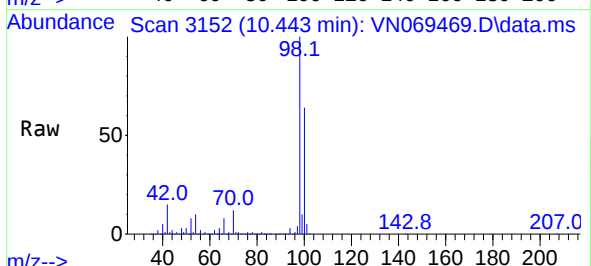
Tgt Ion: 88 Resp: 109240
Ion Ratio Lower Upper
88 100
43 34.1 23.4 35.2
58 72.5 50.6 75.8

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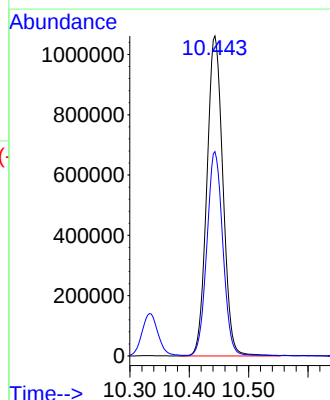
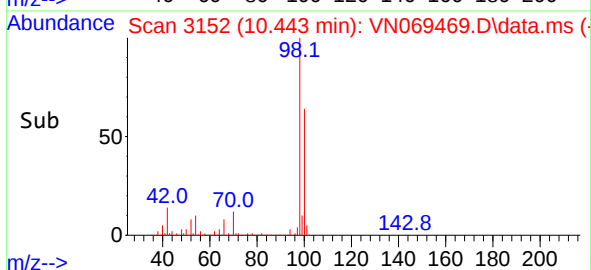
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

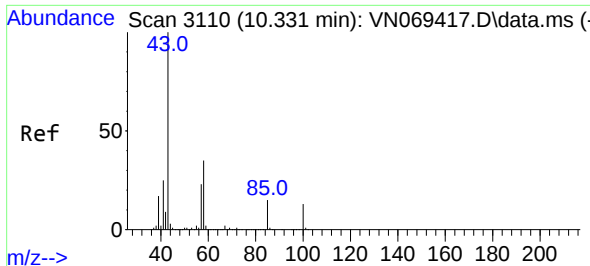


#50
Toluene-d8
Concen: 50.673 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion: 98 Resp: 1988323
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





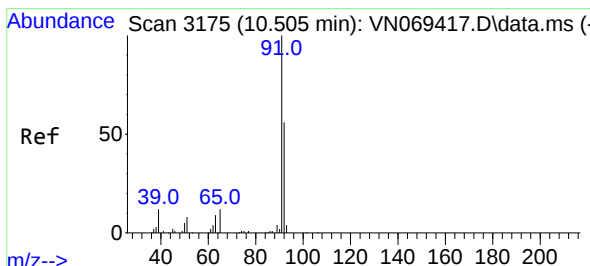
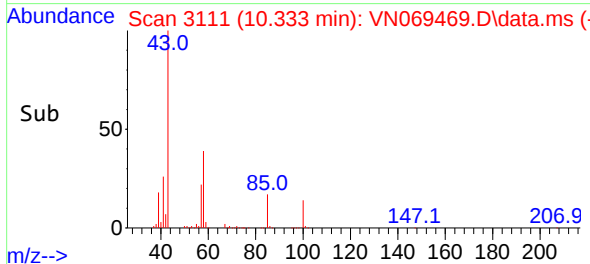
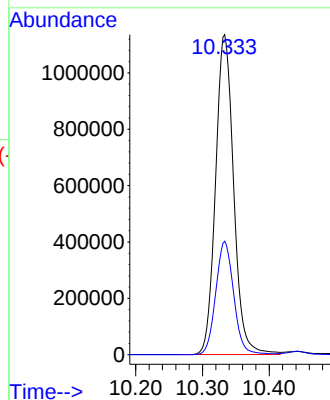
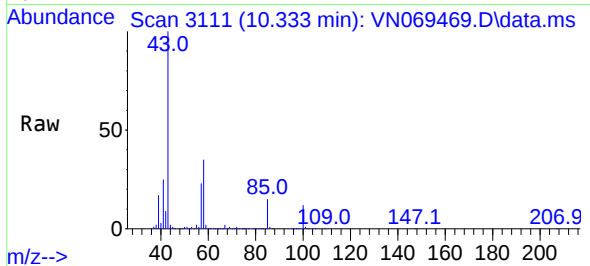
#51
4-Methyl-2-Pentanone
Concen: 109.107 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 43 Resp: 2140334
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

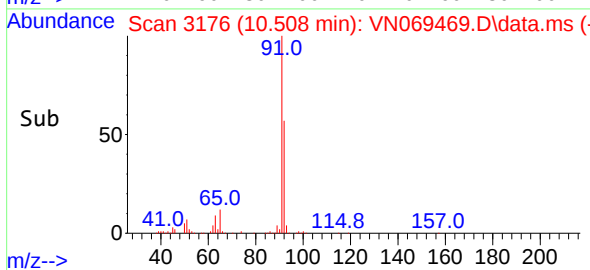
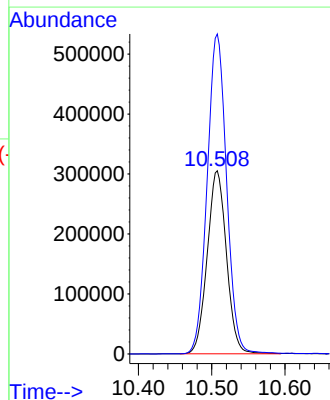
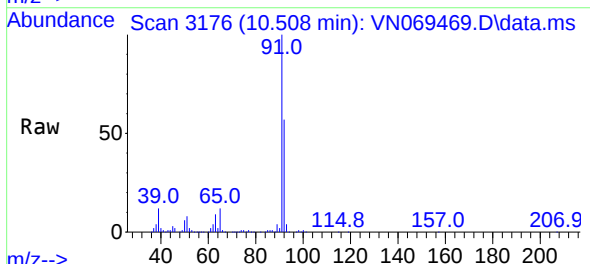
Manual Integrations
APPROVED

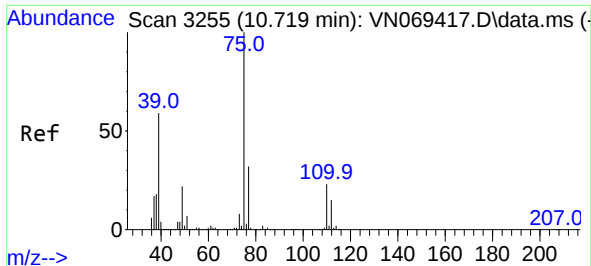
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 20.711 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion: 92 Resp: 557437
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0





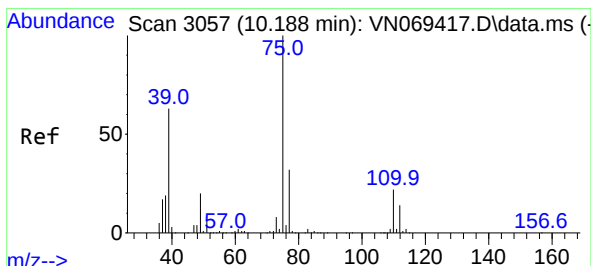
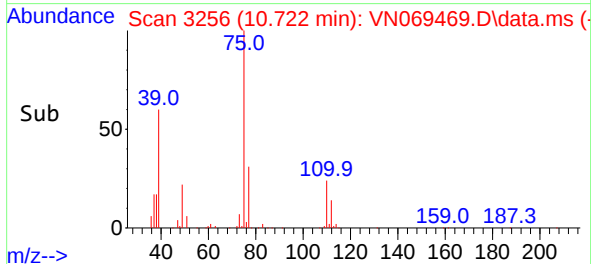
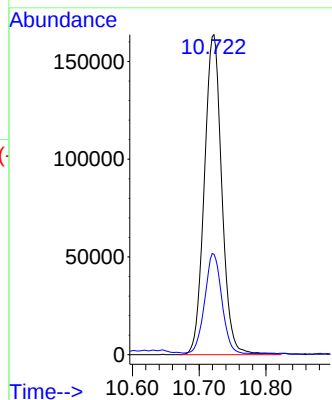
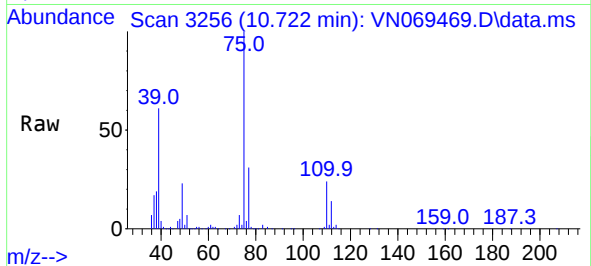
#53
t-1,3-Dichloropropene
Concen: 18.555 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 75 Resp: 29808
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

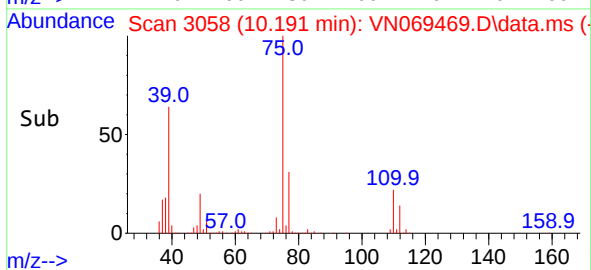
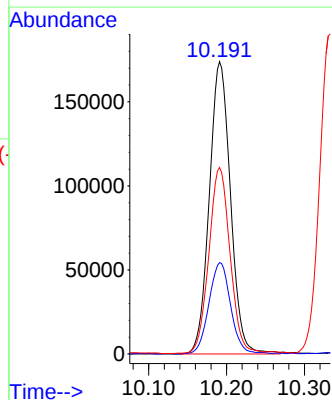
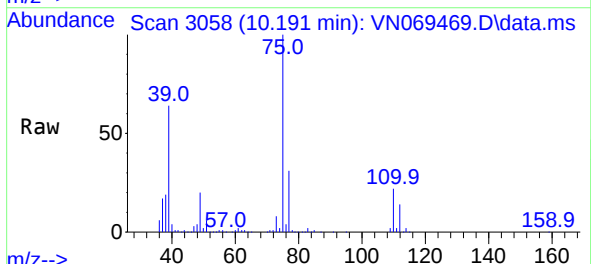
Manual Integrations
APPROVED

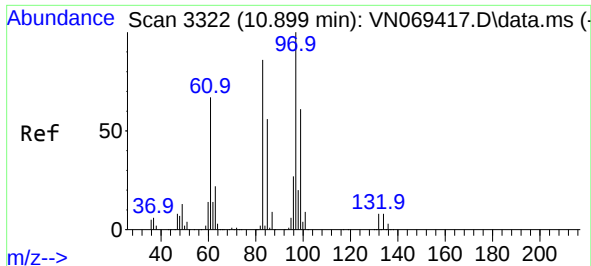
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 18.705 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

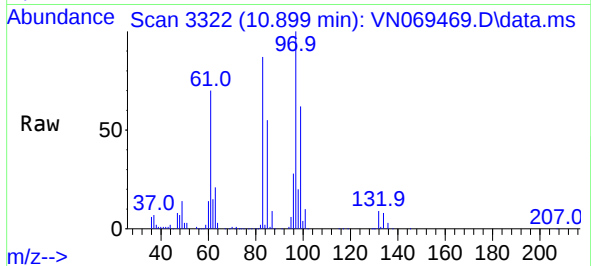
Tgt Ion: 75 Resp: 328649
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 63.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.508 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

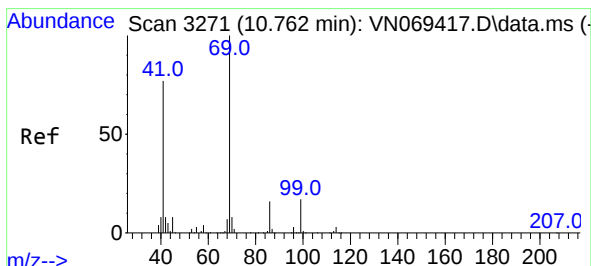
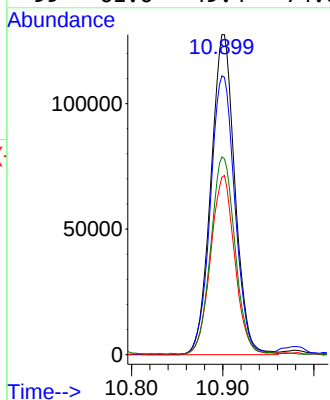
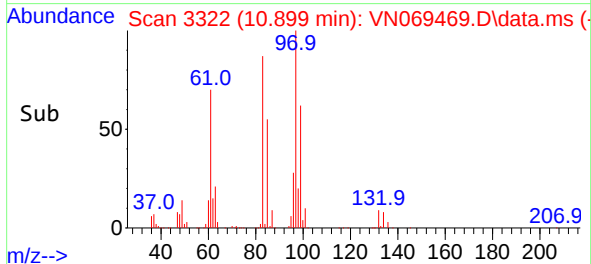
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



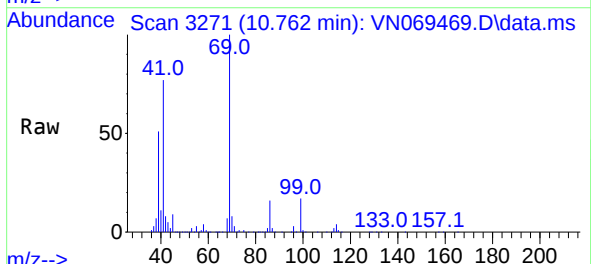
Tgt Ion: 97 Resp: 233360
Ion Ratio Lower Upper
97 100
83 87.1 67.8 101.6
85 55.5 45.4 68.2
99 61.6 49.4 74.0

Manual Integrations
APPROVED

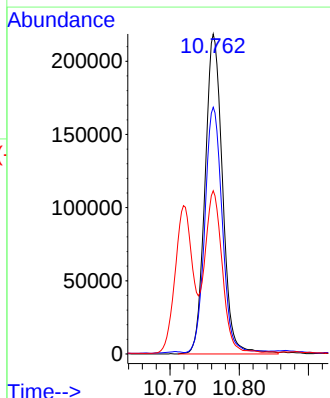
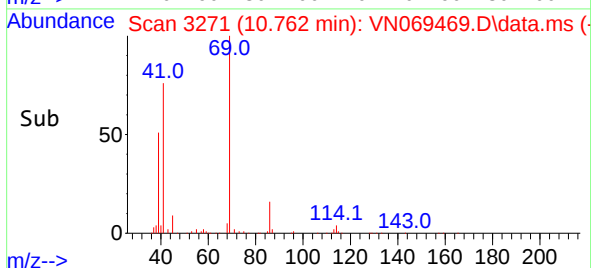
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

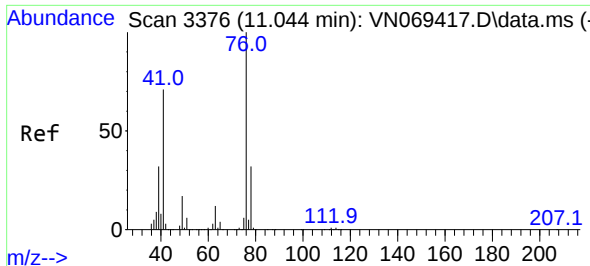


#56
Ethyl methacrylate
Concen: 20.046 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



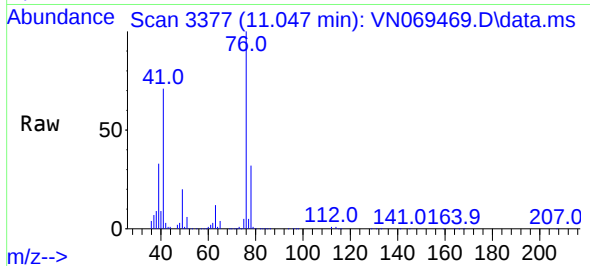
Tgt Ion: 69 Resp: 383654
Ion Ratio Lower Upper
69 100
41 75.6 51.4 77.0
39 50.1 34.6 52.0





#57
1,3-Dichloropropane
Concen: 21.092 ug/l
RT: 11.047 min Scan# 311
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

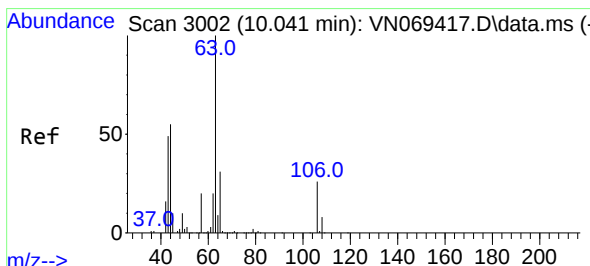
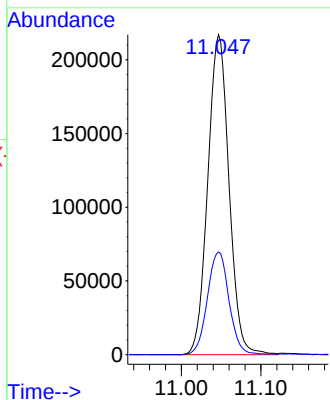
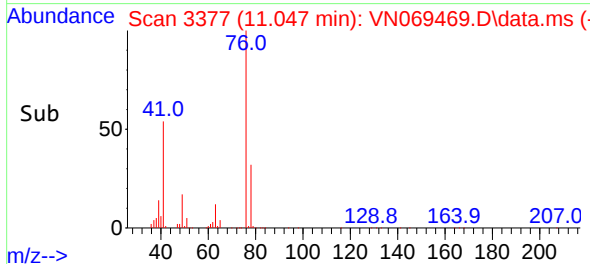
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



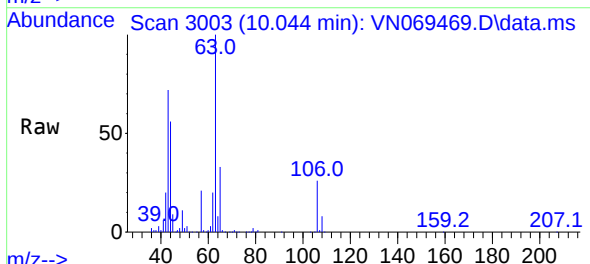
Tgt Ion: 76 Resp: 40212
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5

Manual Integrations
APPROVED

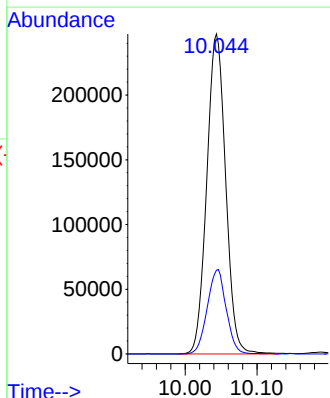
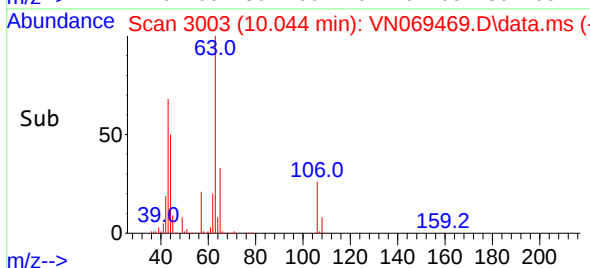
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

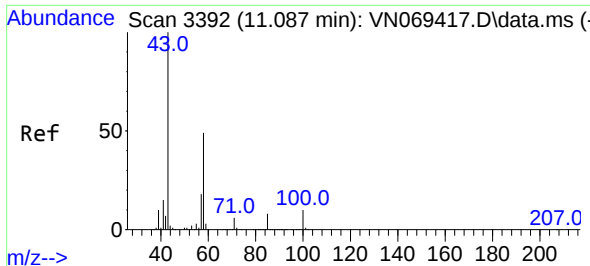


#58
2-Chloroethyl Vinyl ether
Concen: 100.764 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



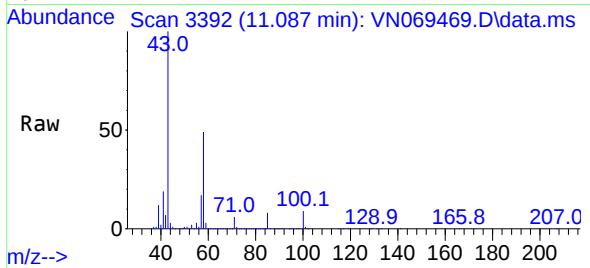
Tgt Ion: 63 Resp: 451141
Ion Ratio Lower Upper
63 100
106 26.4 23.9 35.9





#59
2-Hexanone
Concen: 96.853 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

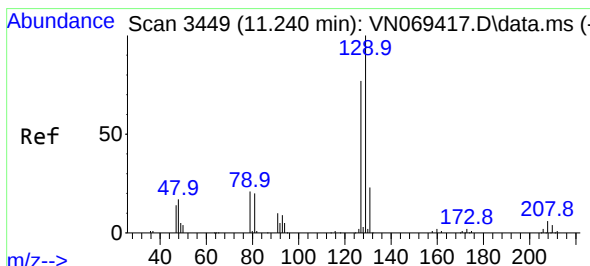
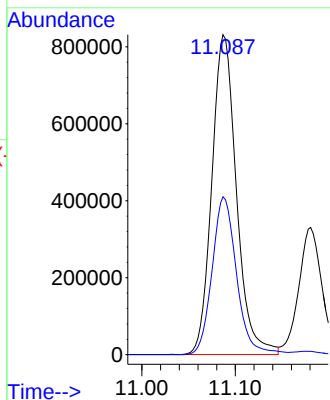
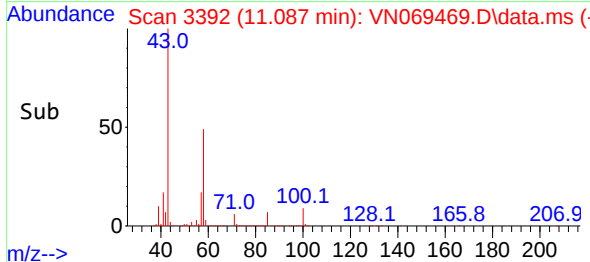
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



Tgt Ion: 43 Resp: 152096
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

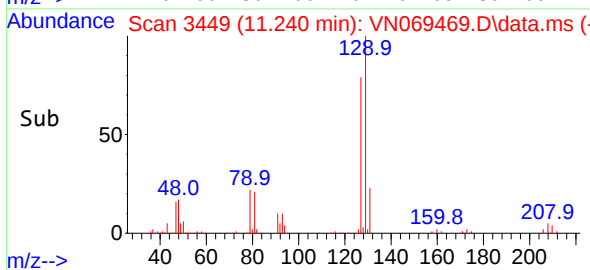
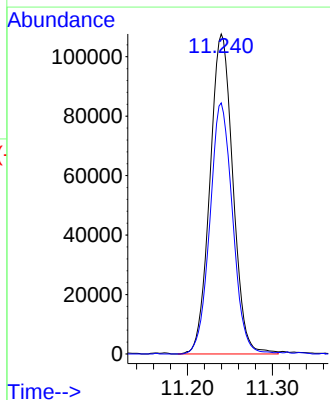
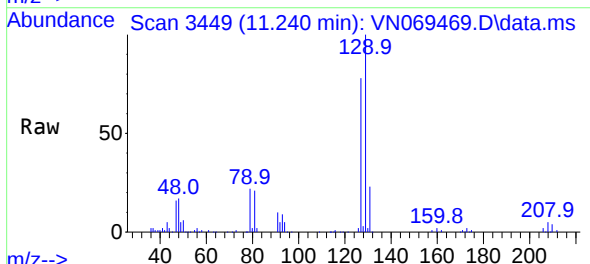
Manual Integrations
APPROVED

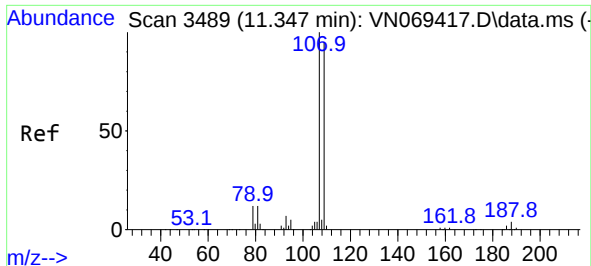
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 18.599 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

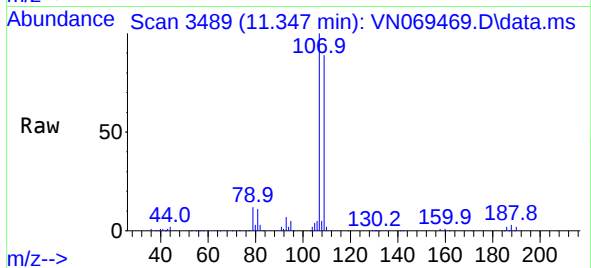
Tgt Ion:129 Resp: 202487
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.230 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

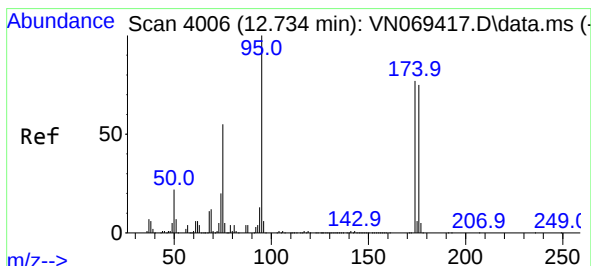
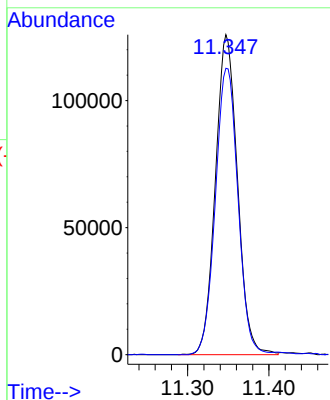
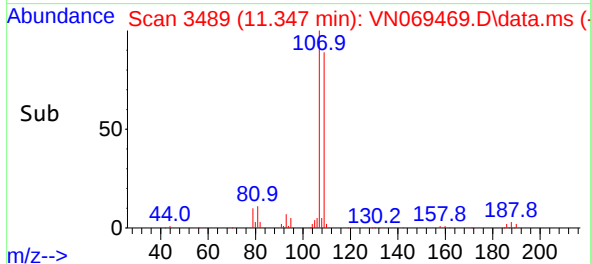
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



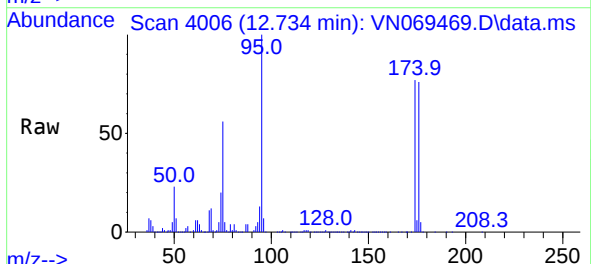
Tgt Ion:107 Resp: 237090
Ion Ratio Lower Upper
107 100
109 91.7 75.7 113.5

Manual Integrations
APPROVED

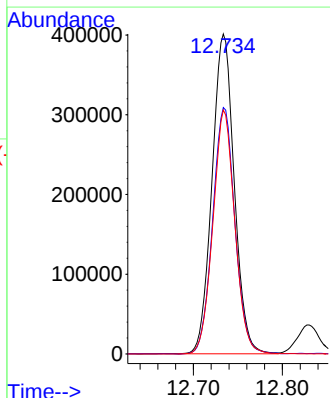
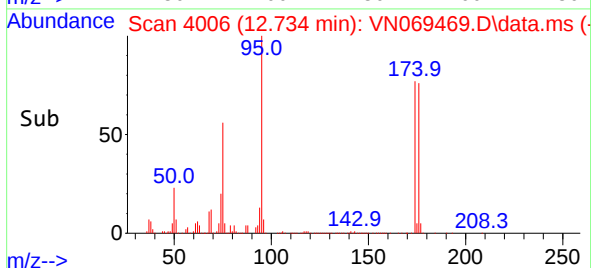
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

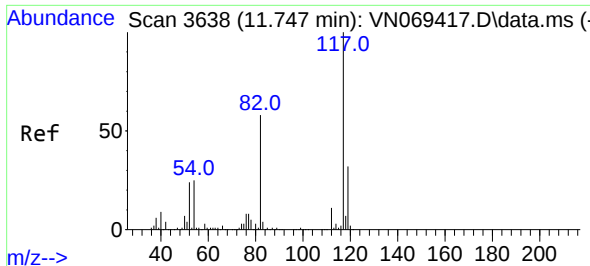


#62
4-Bromofluorobenzene
Concen: 48.238 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



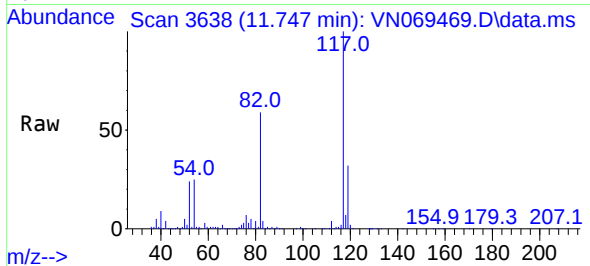
Tgt Ion: 95 Resp: 695338
Ion Ratio Lower Upper
95 100
174 77.3 0.0 187.2
176 75.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

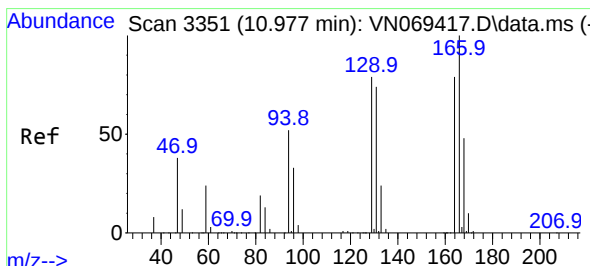
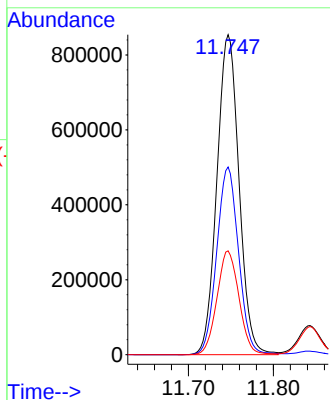
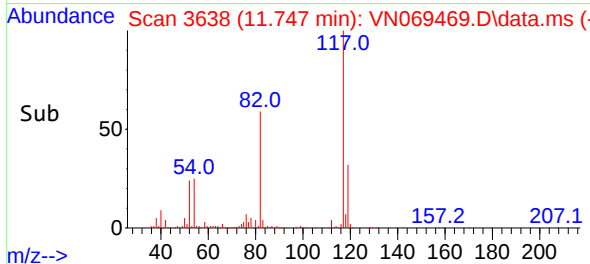
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



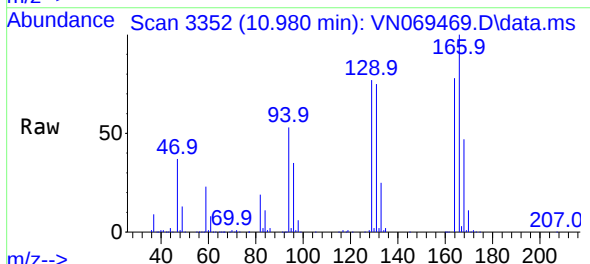
Tgt Ion:117 Resp: 1544064
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

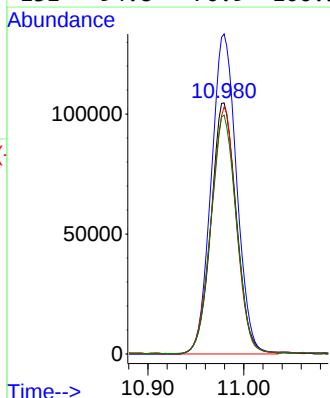
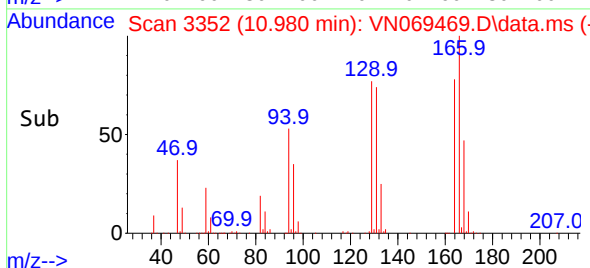
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

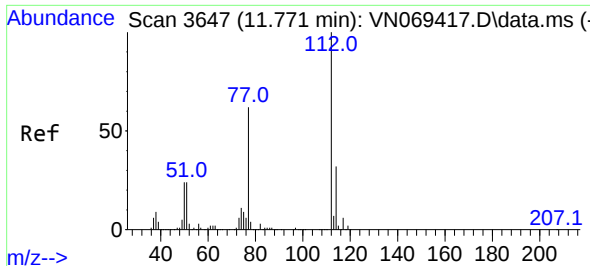


#64
Tetrachloroethene
Concen: 20.540 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



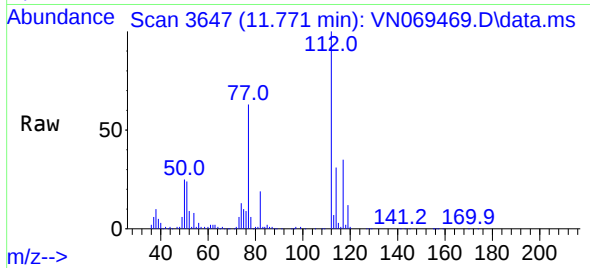
Tgt Ion:164 Resp: 191495
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 98.3 72.0 108.0
131 94.8 70.9 106.3





#65
Chlorobenzene
Concen: 20.817 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

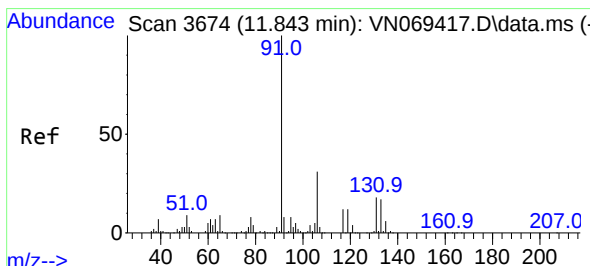
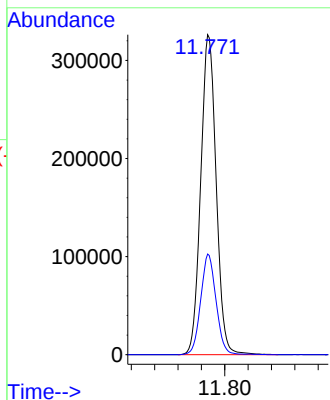
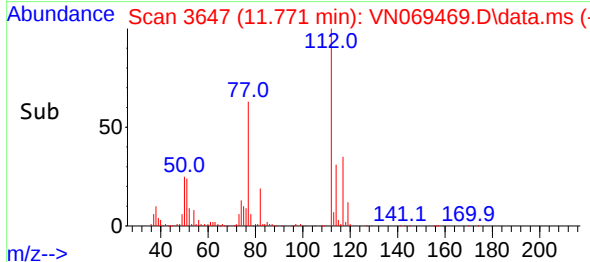
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



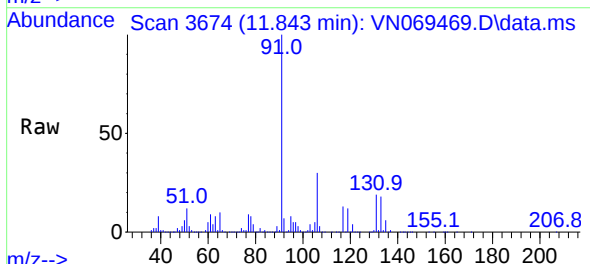
Tgt Ion:112 Resp: 598290
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

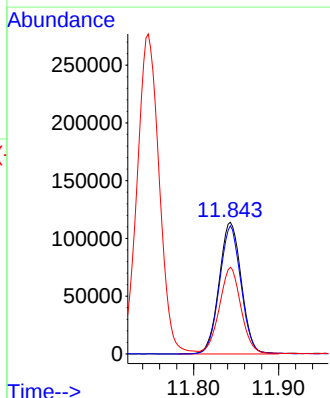
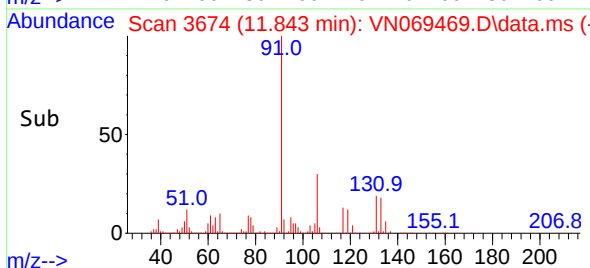
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

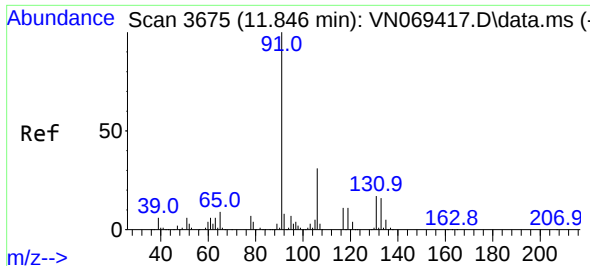


#66
1,1,1,2-Tetrachloroethane
Concen: 20.755 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



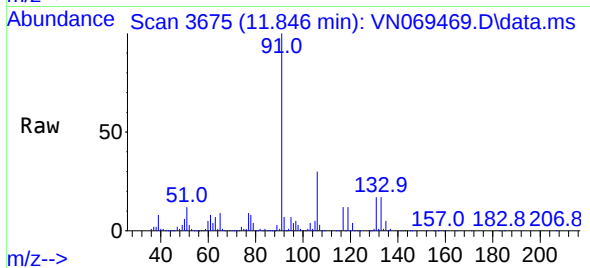
Tgt Ion:131 Resp: 206897
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 20.543 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

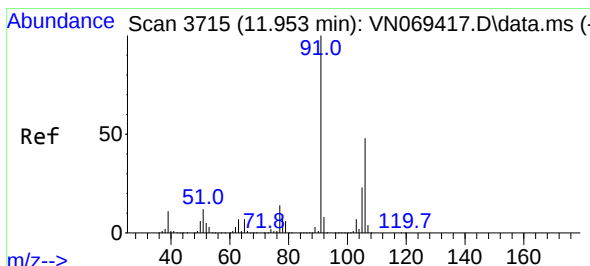
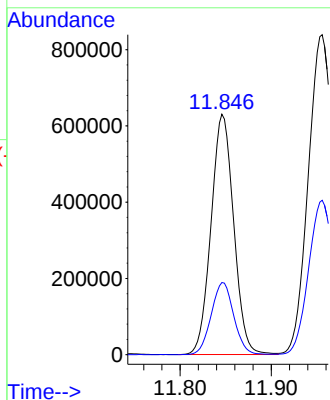
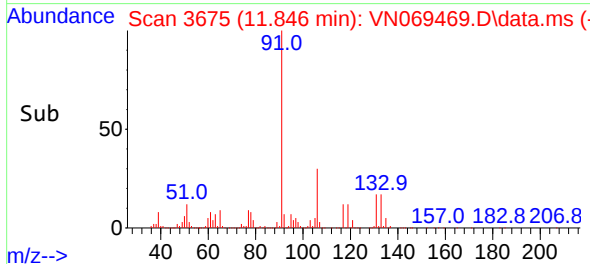
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



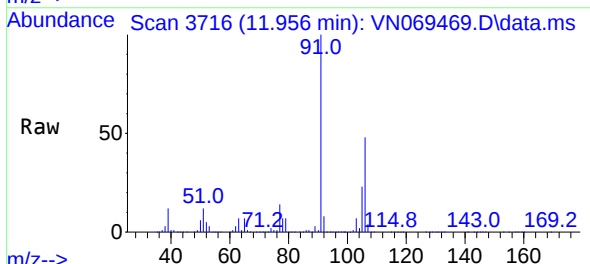
Tgt Ion: 91 Resp: 108890
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
APPROVED

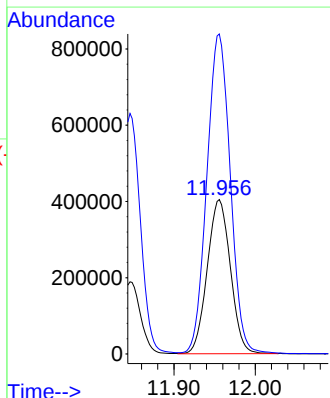
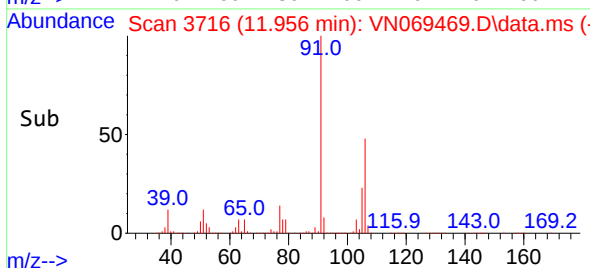
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

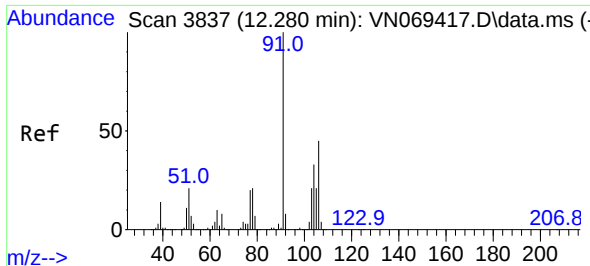


#68
m/p-Xylenes
Concen: 41.084 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



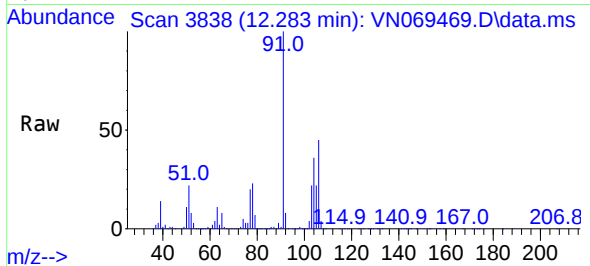
Tgt Ion:106 Resp: 800928
Ion Ratio Lower Upper
106 100
91 209.8 160.6 240.8





#69
o-Xylene
Concen: 20.537 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

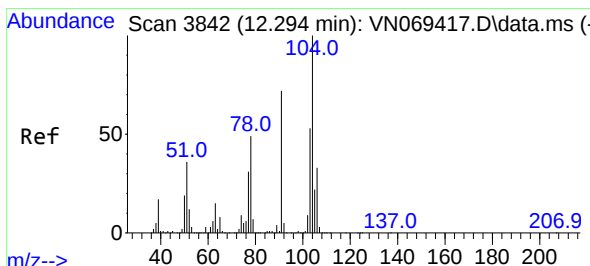
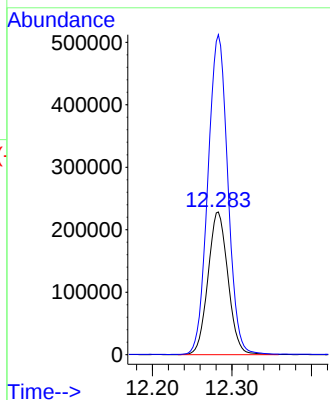
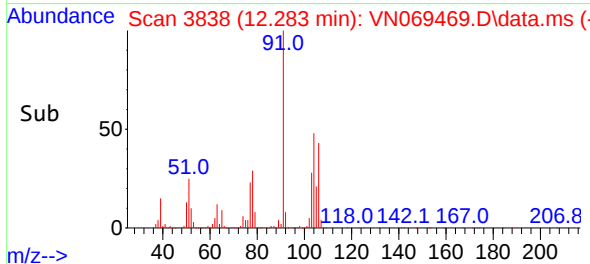
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



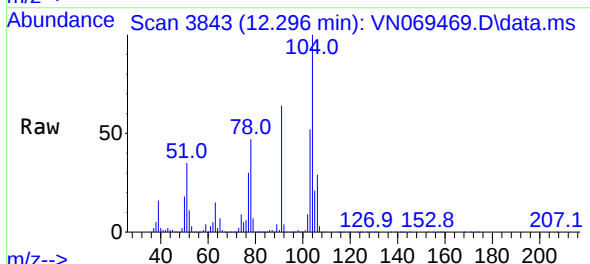
Tgt Ion:106 Resp: 399144
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3

Manual Integrations
APPROVED

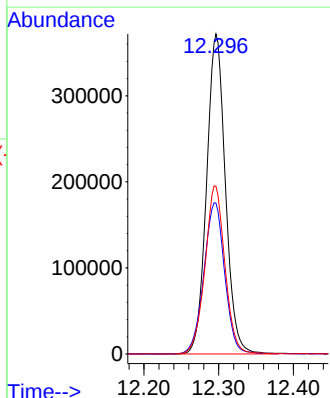
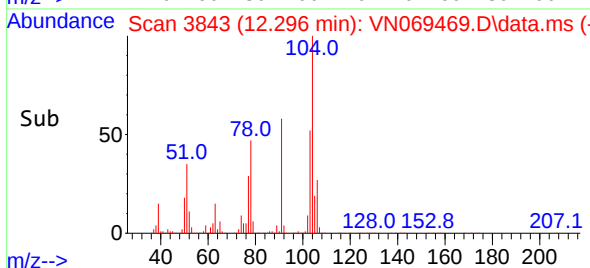
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

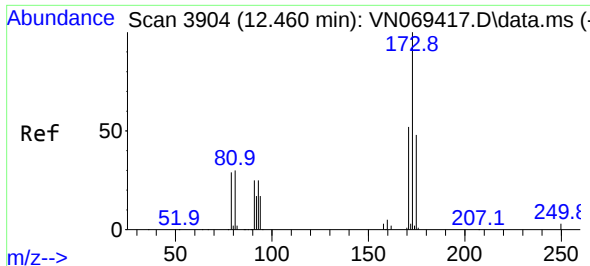


#70
Styrene
Concen: 19.609 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



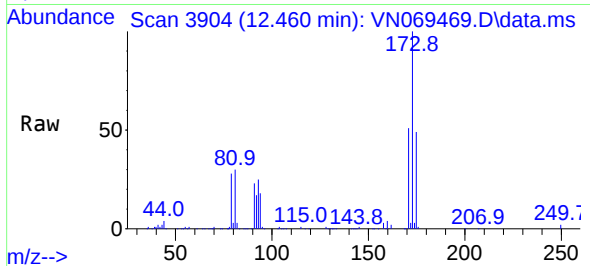
Tgt Ion:104 Resp: 650998
Ion Ratio Lower Upper
104 100
78 52.3 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 17.980 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

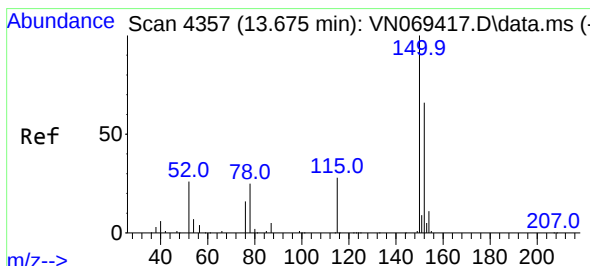
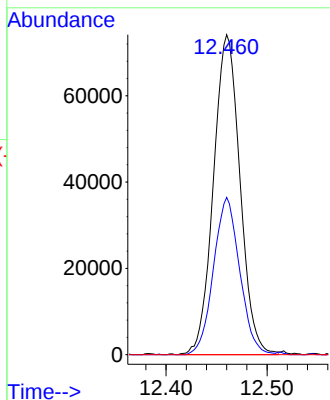
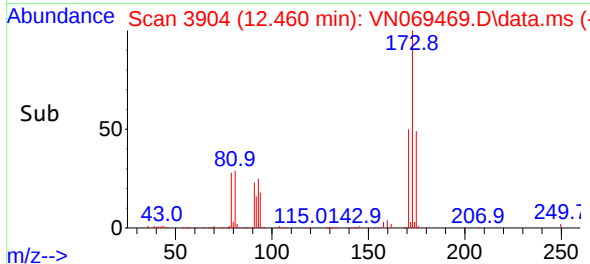
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



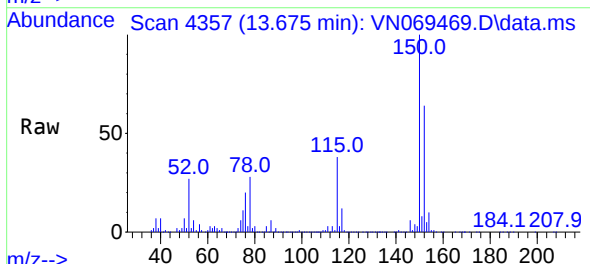
Tgt Ion:173 Resp: 135238
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

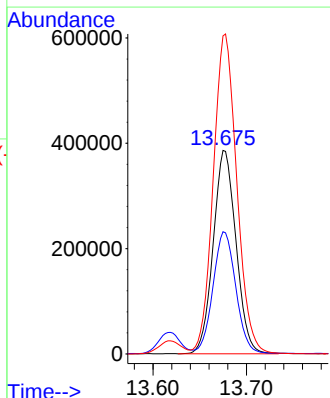
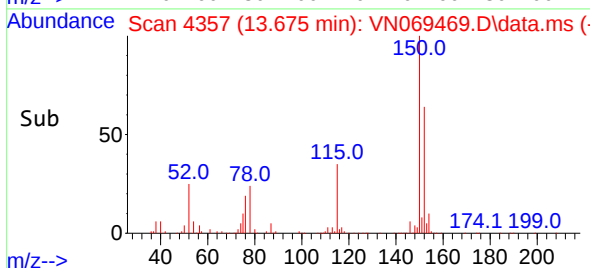
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

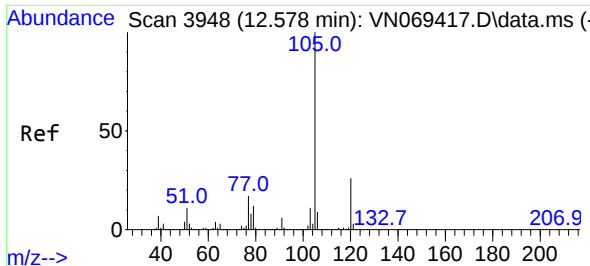


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion:152 Resp: 654662
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 162.5 0.0 344.4





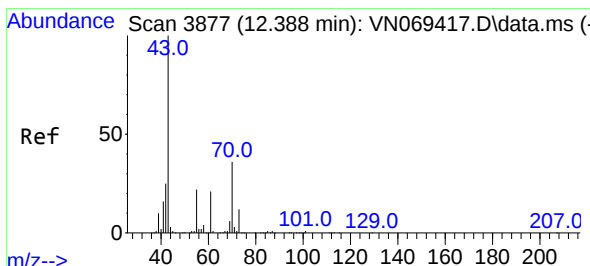
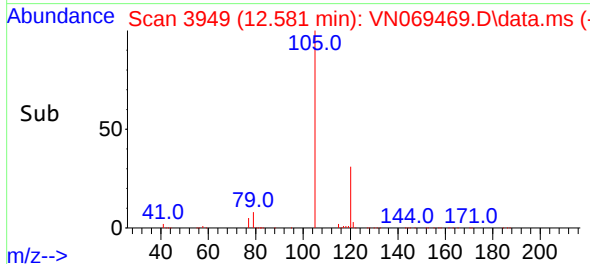
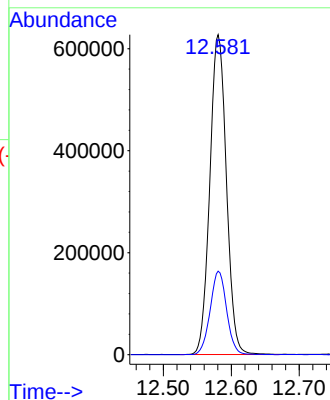
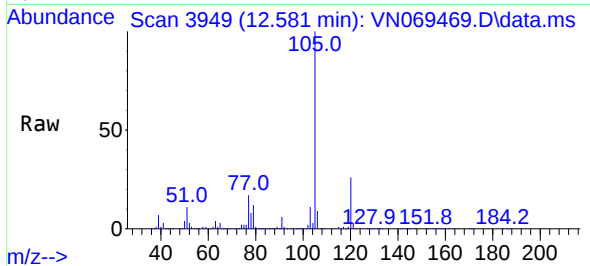
#73
Isopropylbenzene
Concen: 20.396 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:105 Resp: 1063159
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

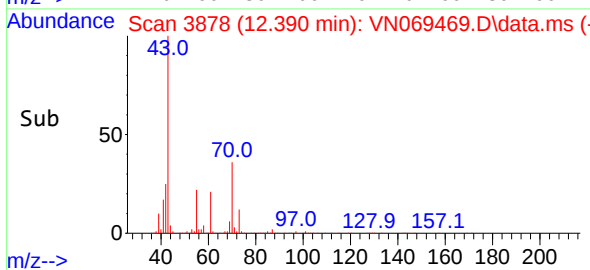
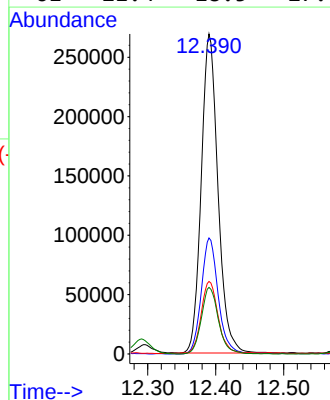
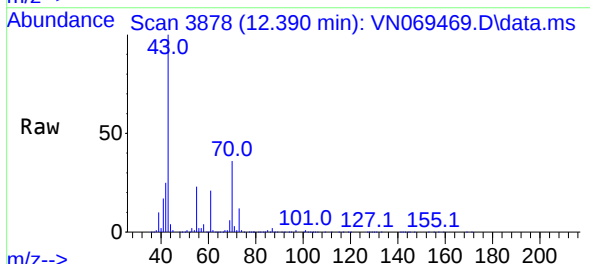
Manual Integrations
APPROVED

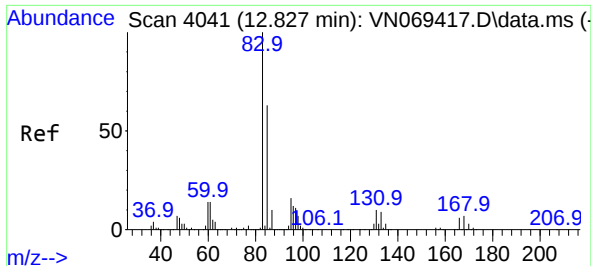
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 20.782 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

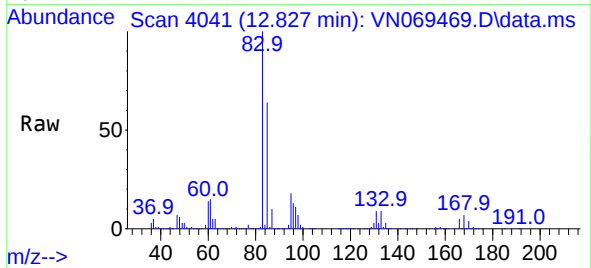
Tgt Ion: 43 Resp: 459074
Ion Ratio Lower Upper
43 100
70 36.8 33.4 50.0
55 22.6 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.806 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

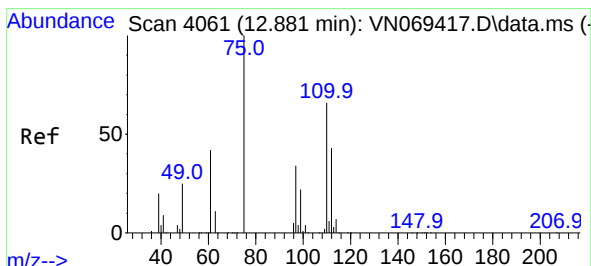
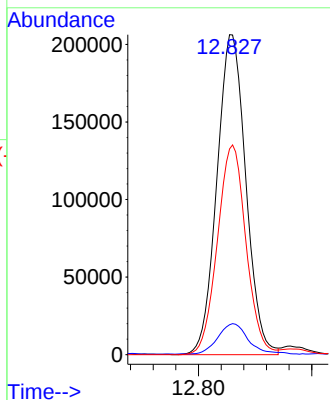
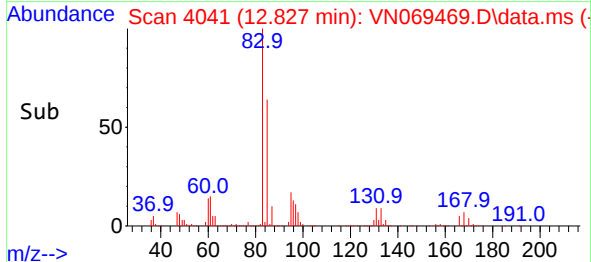
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



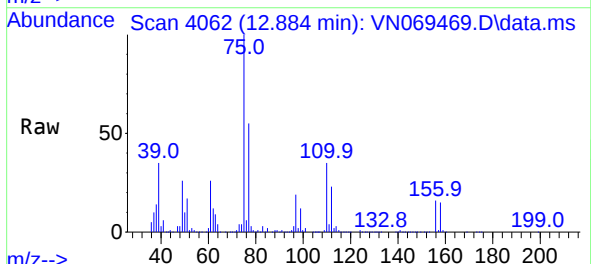
Tgt Ion: 83 Resp: 36577
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.8 32.4 97.2

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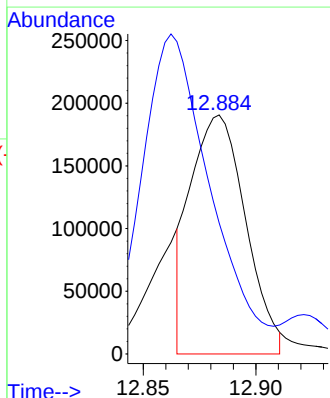
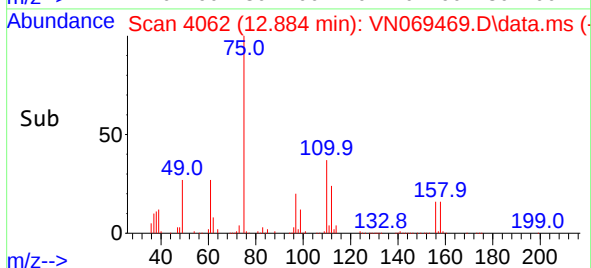
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

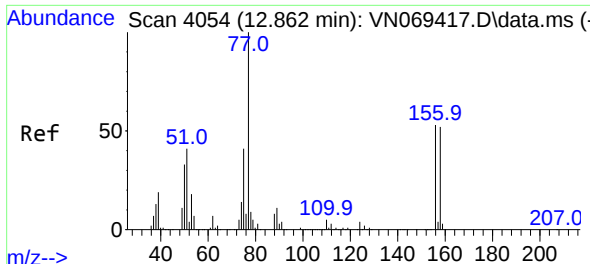


#76
1,2,3-Trichloropropane
Concen: 21.427 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



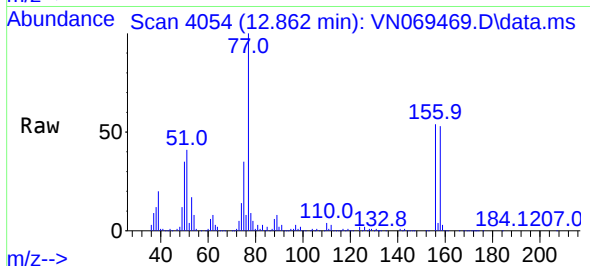
Tgt Ion: 75 Resp: 323716
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 20.419 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

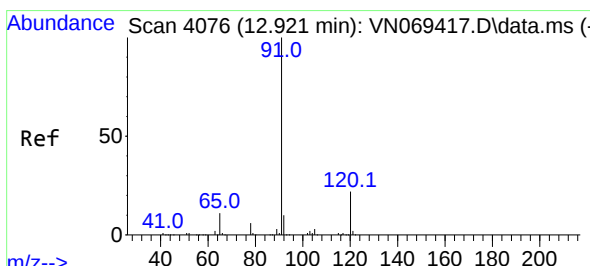
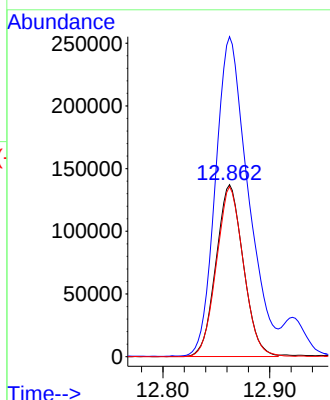
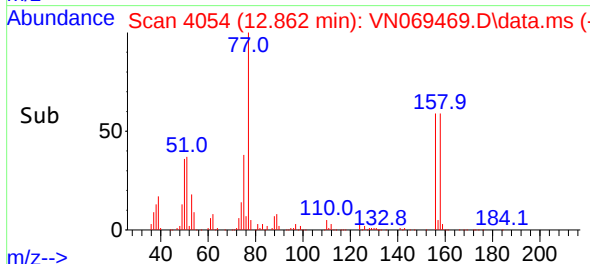
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



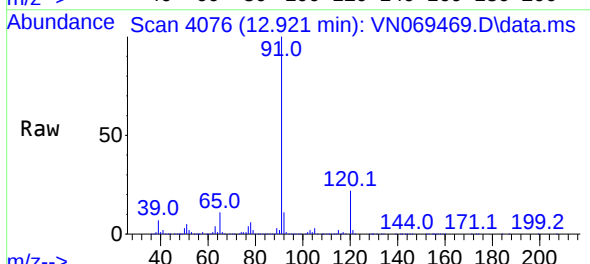
Tgt Ion:156 Resp: 243411
Ion Ratio Lower Upper
156 100
77 222.3 90.6 271.8
158 98.2 48.9 146.7

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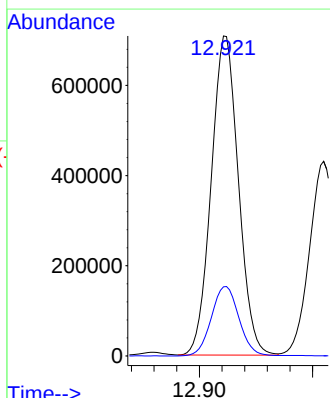
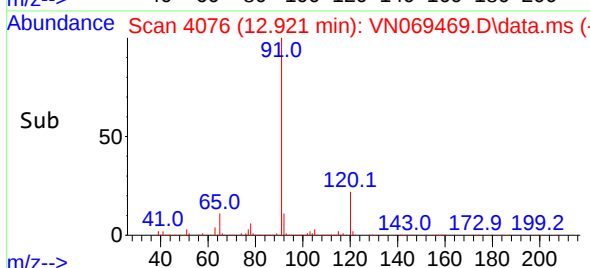
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

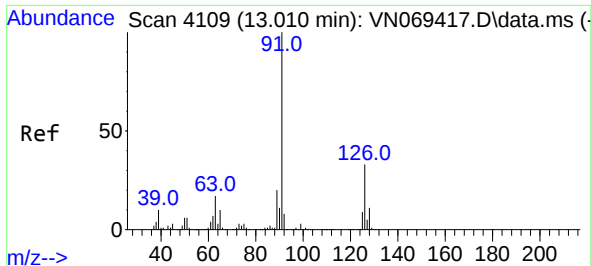


#78
n-propylbenzene
Concen: 20.097 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion: 91 Resp: 1178719
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





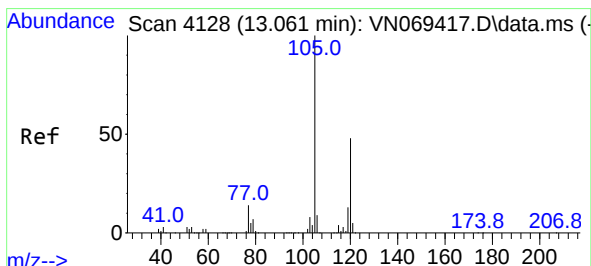
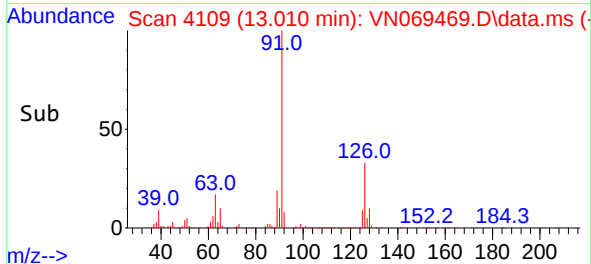
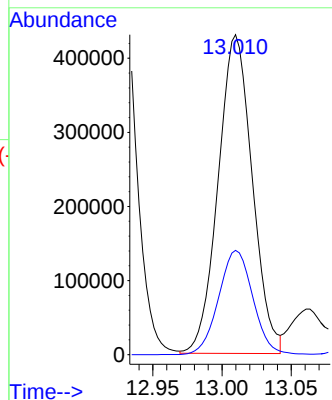
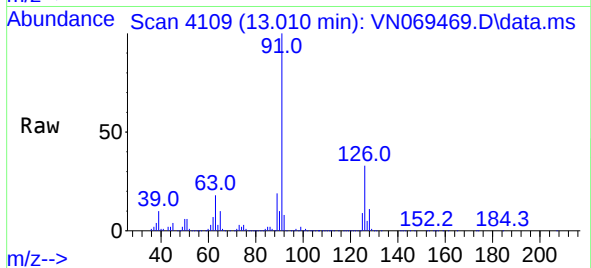
#79
2-Chlorotoluene
Concen: 20.309 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 91 Resp: 737544
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

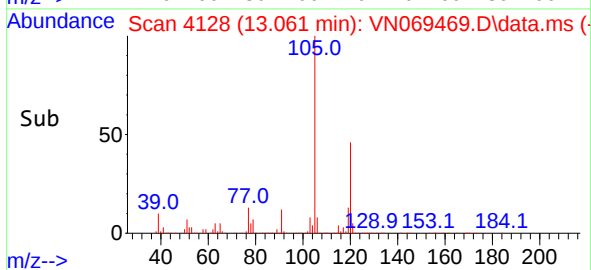
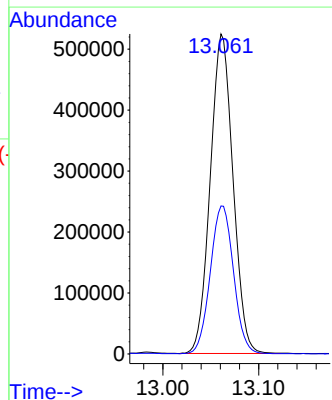
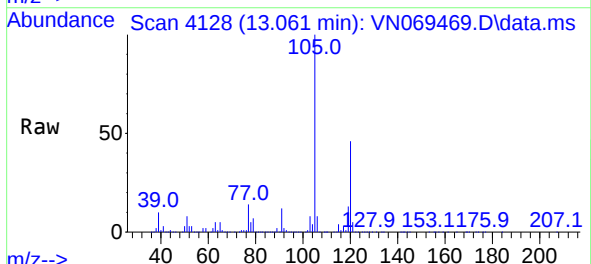
Manual Integrations
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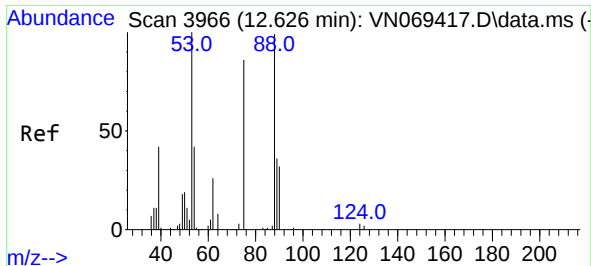
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.498 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion:105 Resp: 863759
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





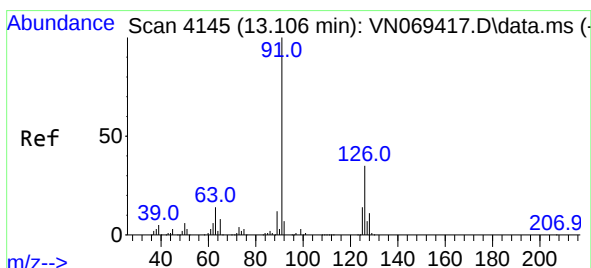
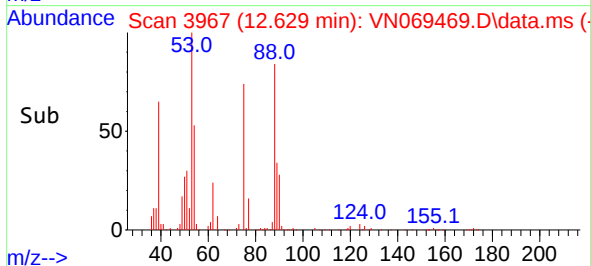
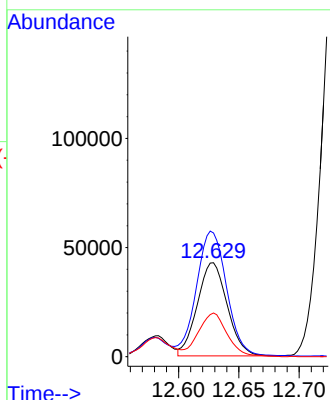
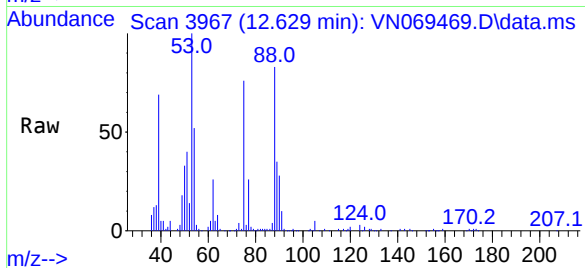
#81
trans-1,4-Dichloro-2-butene
Concen: 18.577 ug/l
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 75 Resp: 73410
Ion Ratio Lower Upper
75 100
53 137.0 90.5 135.7
89 45.8 38.2 57.4

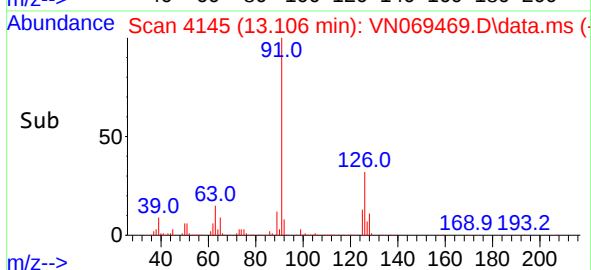
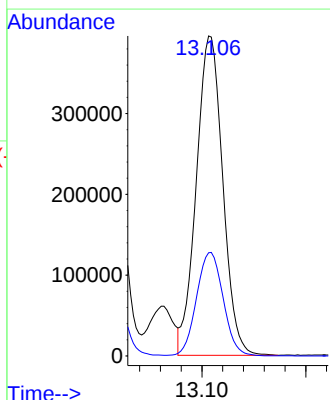
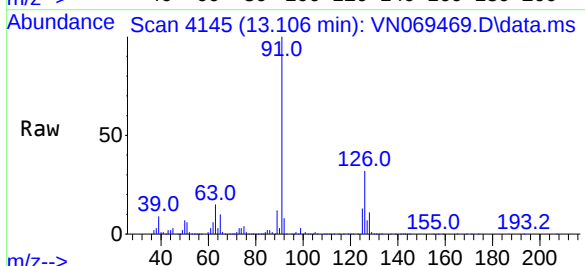
Manual Integrations
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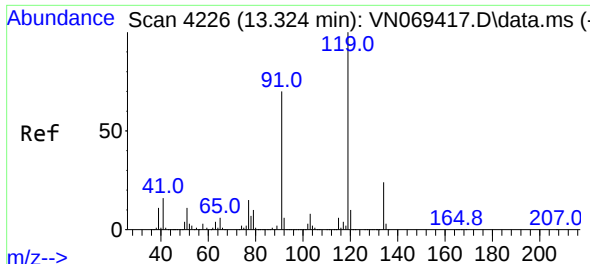
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 20.189 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion: 91 Resp: 698905
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





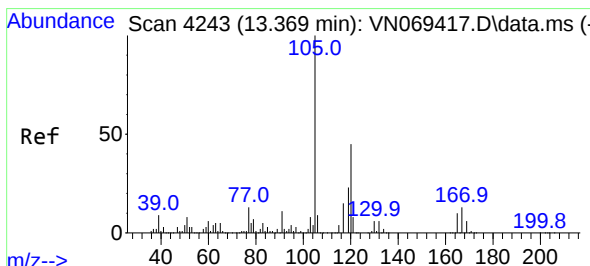
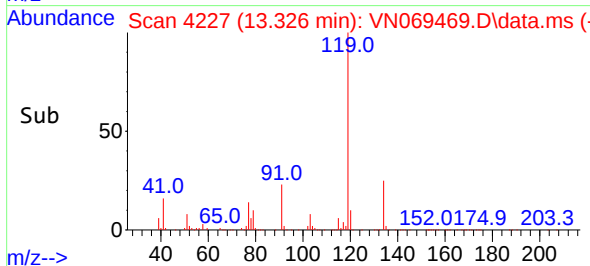
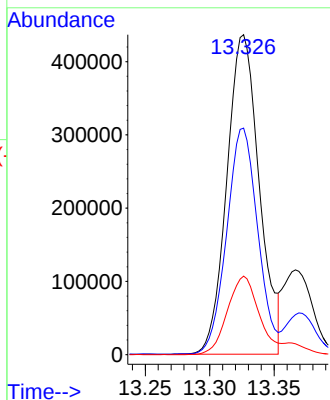
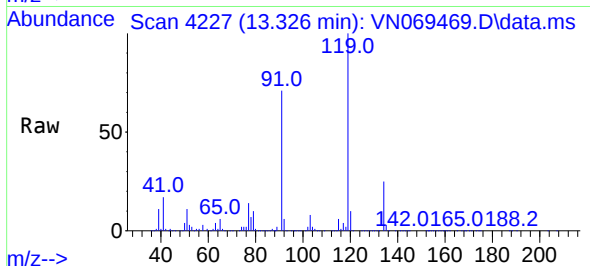
#83
tert-Butylbenzene
Concen: 20.720 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:119 Resp: 765118
Ion Ratio Lower Upper
119 100
91 67.5 31.5 94.5
134 24.1 12.4 37.4

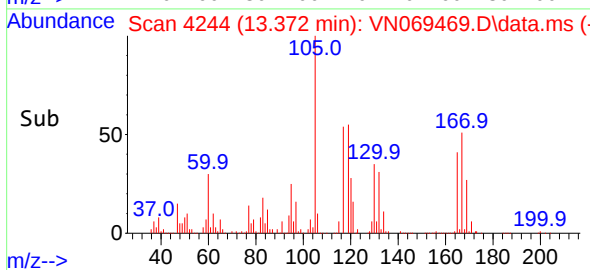
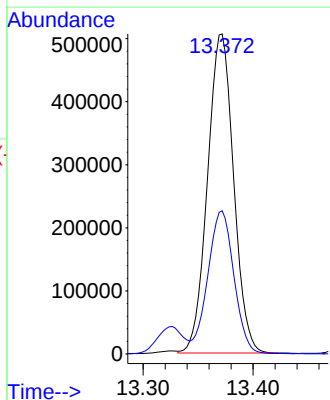
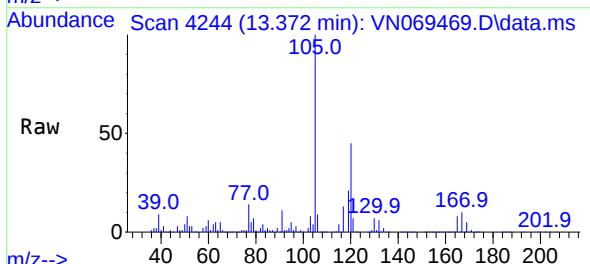
Manual Integrations
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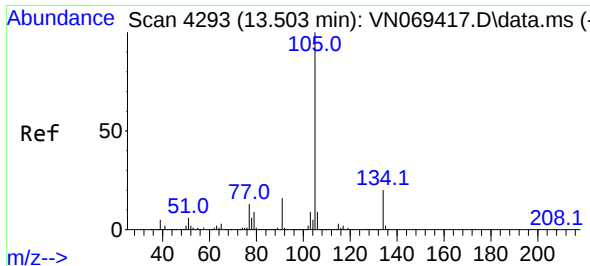
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.518 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

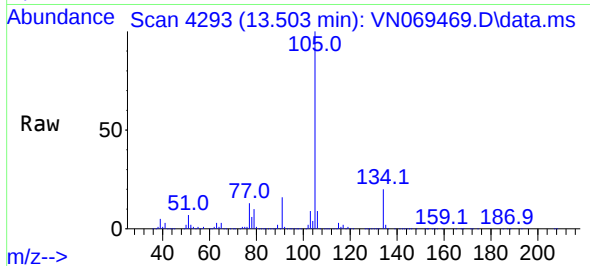
Tgt Ion:105 Resp: 834683
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.188 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069469.D
 Acq: 12 Nov 2021 15:49

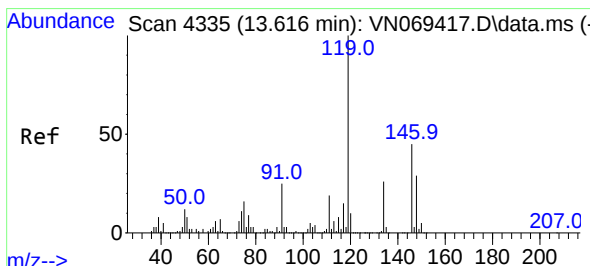
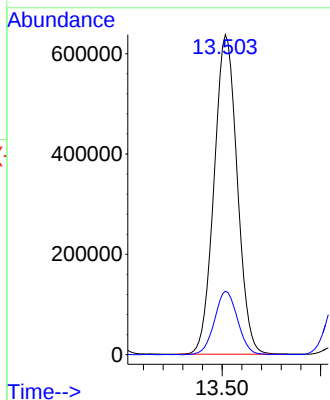
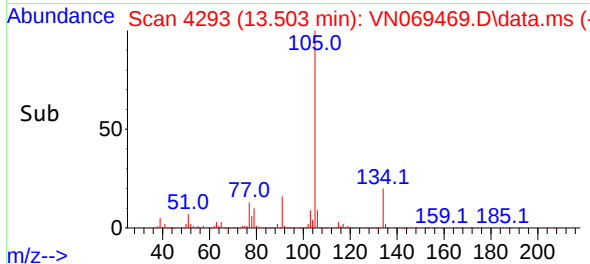
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01



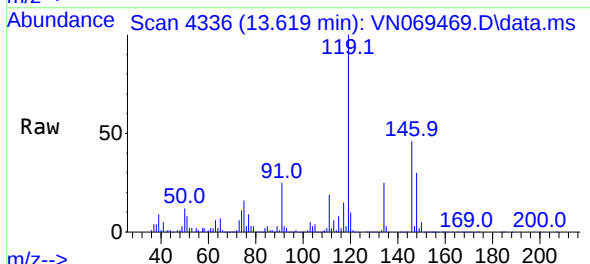
Tgt Ion:105 Resp: 1041370
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

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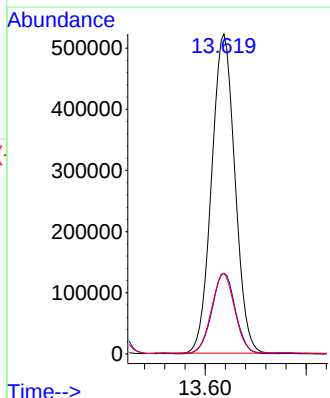
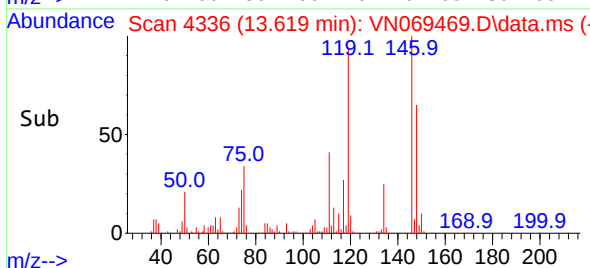
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

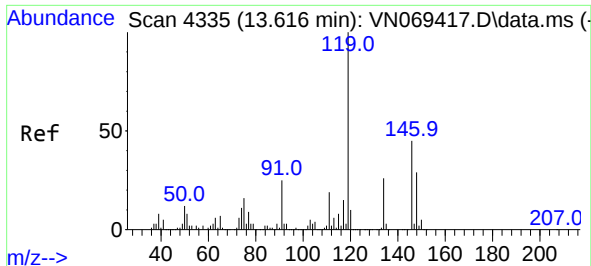


#86
 p-Isopropyltoluene
 Concen: 20.425 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069469.D
 Acq: 12 Nov 2021 15:49



Tgt Ion:119 Resp: 836371
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 24.9 11.4 34.1





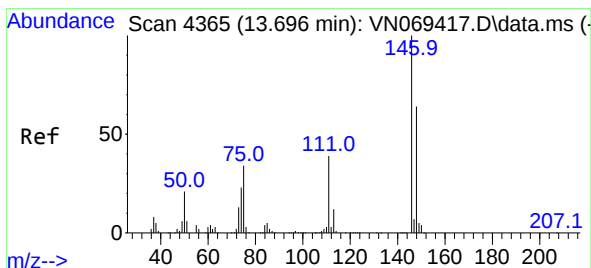
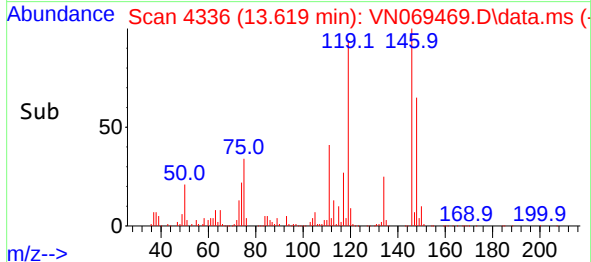
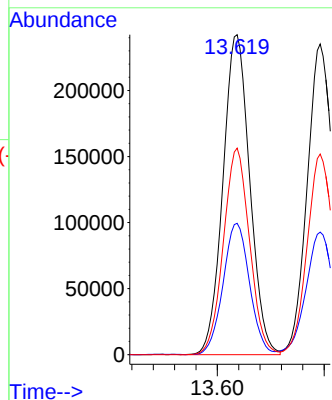
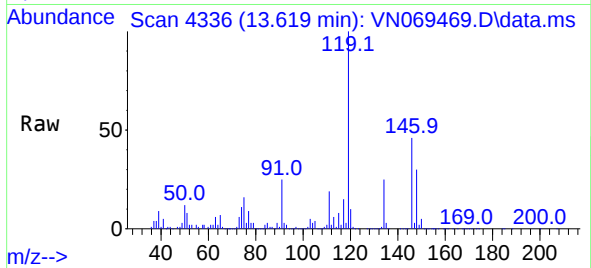
#87
1,3-Dichlorobenzene
Concen: 20.481 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:146 Resp: 42330
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 63.0 31.6 95.0

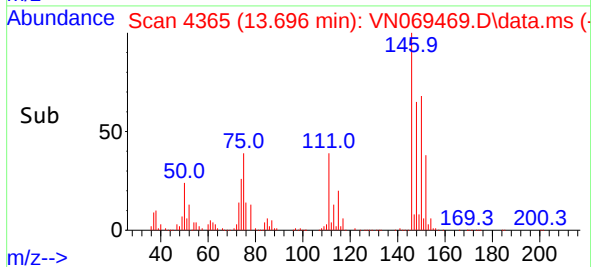
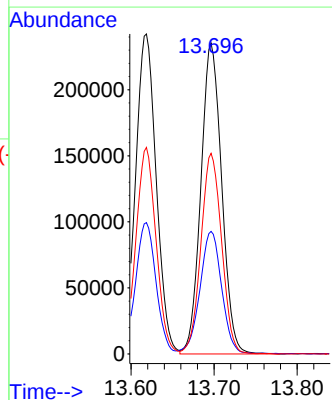
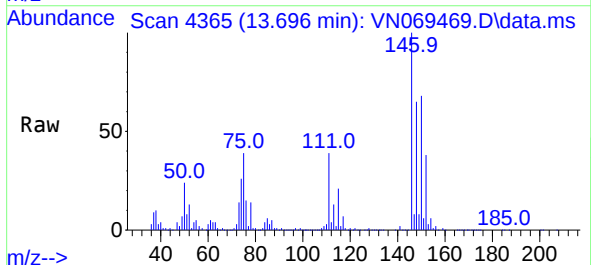
Manual Integrations
APPROVED

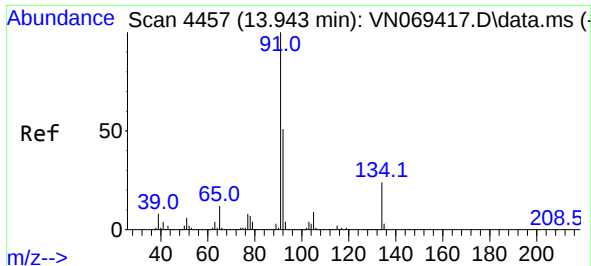
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 20.200 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion:146 Resp: 409570
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 64.0 31.8 95.4





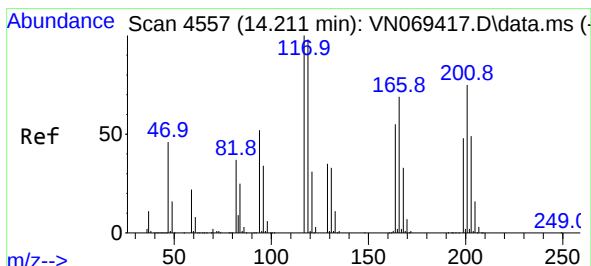
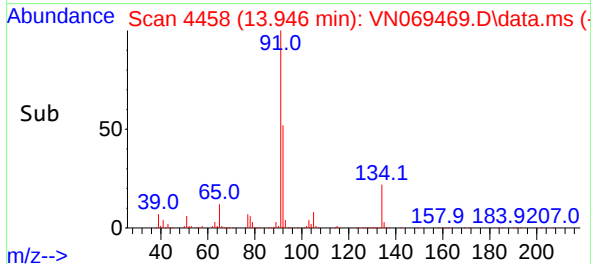
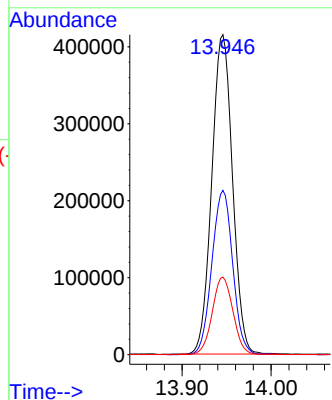
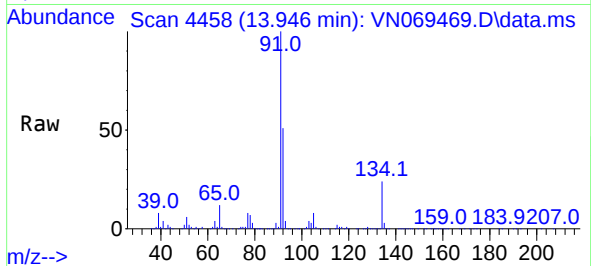
#89
n-Butylbenzene
Concen: 19.680 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion: 91 Resp: 67202
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 24.4 13.6 40.8

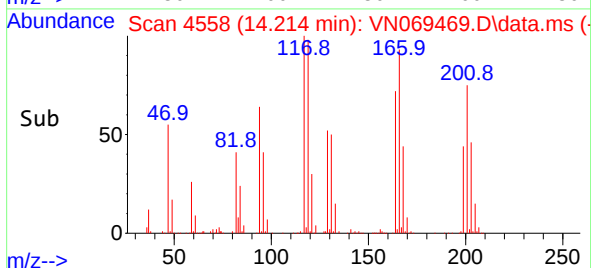
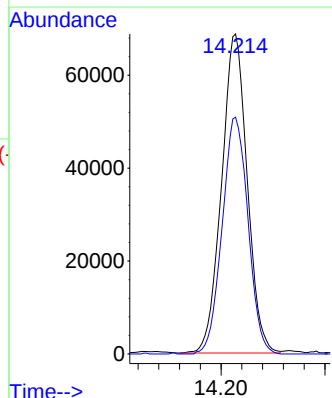
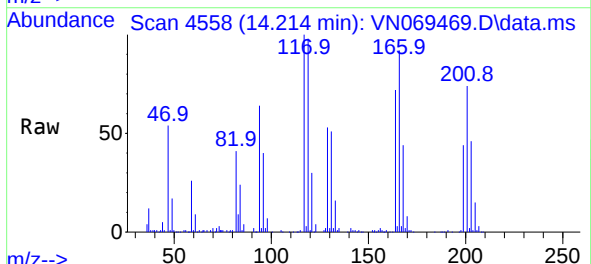
Manual Integrations
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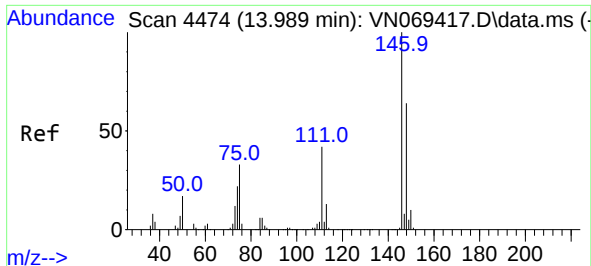
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 17.140 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion:117 Resp: 117832
Ion Ratio Lower Upper
117 100
201 74.7 43.9 131.6





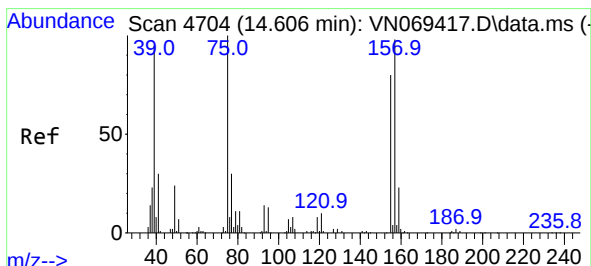
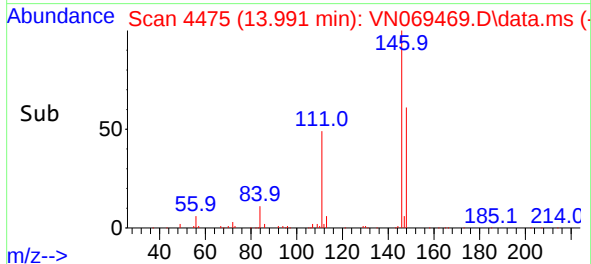
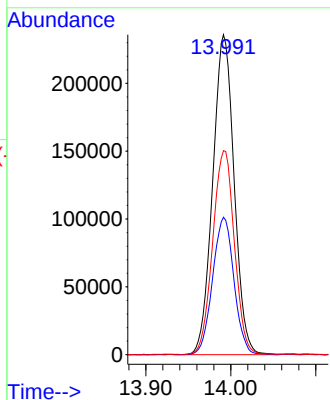
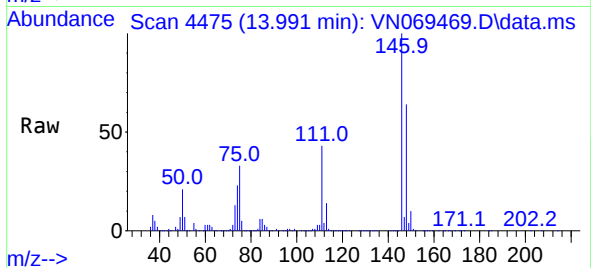
#91
1,2-Dichlorobenzene
Concen: 20.998 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:146 Resp: 412969
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 64.8 32.1 96.3

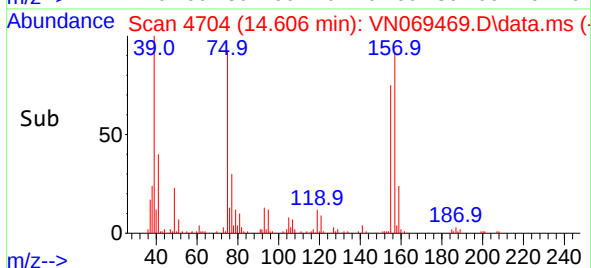
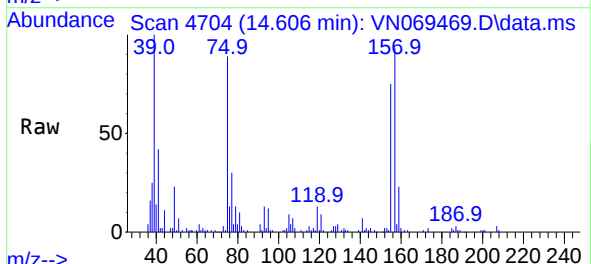
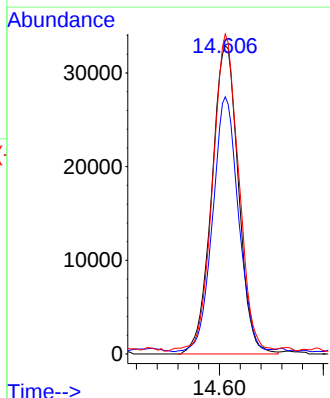
Manual Integrations
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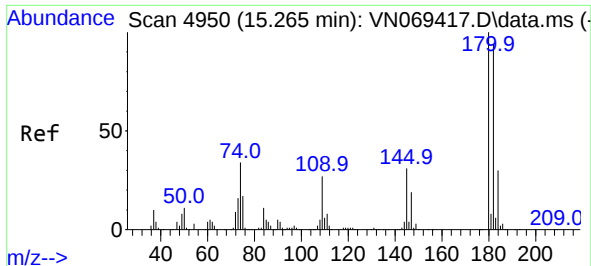
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.108 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

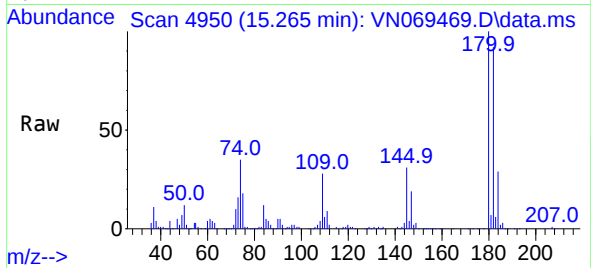
Tgt Ion: 75 Resp: 58691
Ion Ratio Lower Upper
75 100
155 79.9 46.9 140.7
157 100.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.528 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

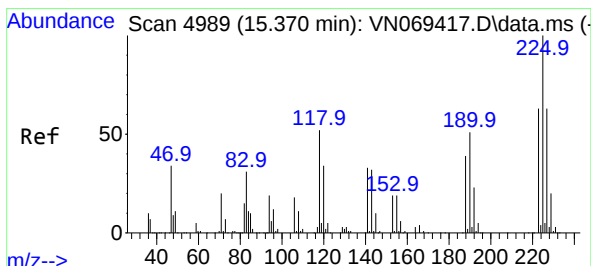
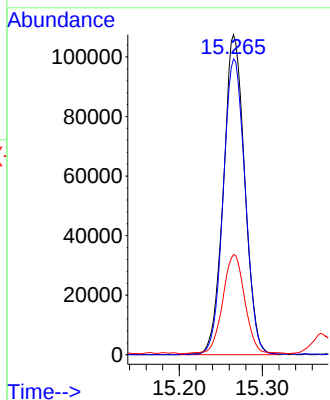
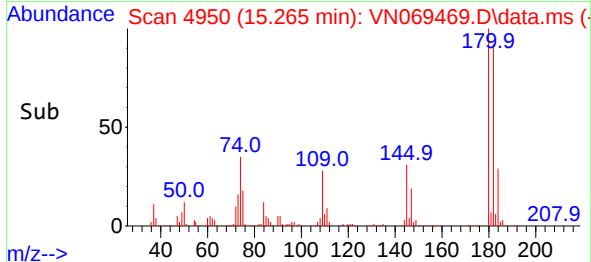
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01



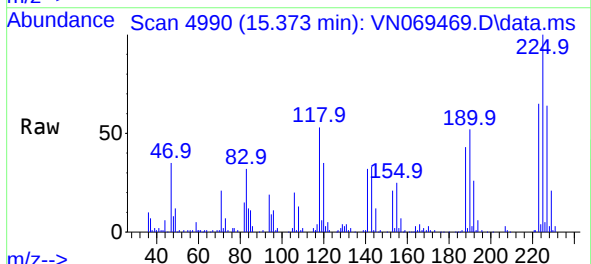
Tgt Ion:180 Resp: 191370
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 32.3 14.5 43.5

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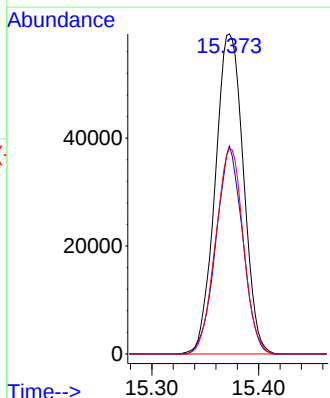
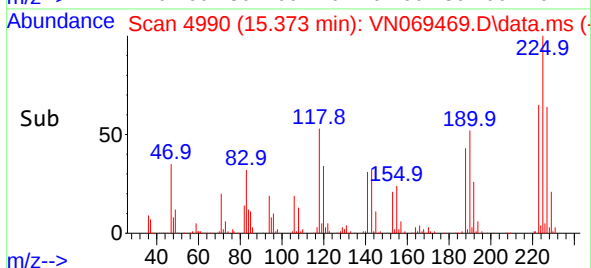
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

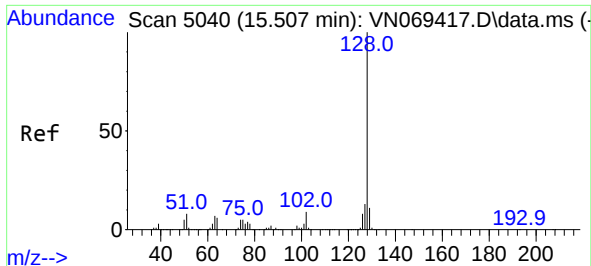


#94
Hexachlorobutadiene
Concen: 21.312 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49



Tgt Ion:225 Resp: 108907
Ion Ratio Lower Upper
225 100
223 61.3 31.9 95.7
227 63.0 32.1 96.3





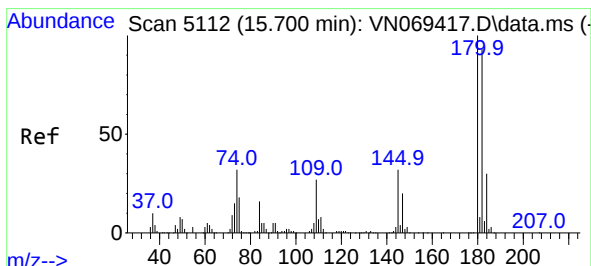
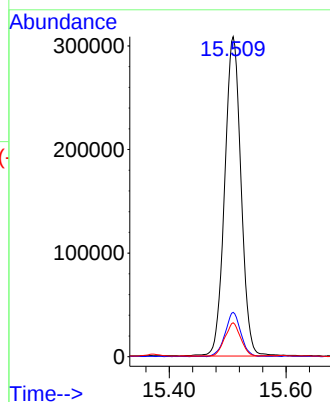
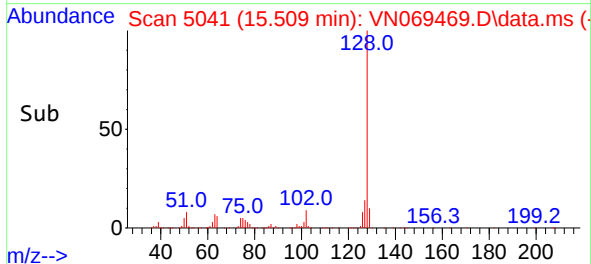
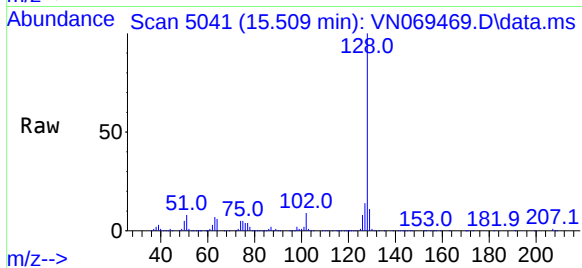
#95
Naphthalene
Concen: 23.223 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tgt Ion:128 Resp: 59884
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.659 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069469.D
Acq: 12 Nov 2021 15:49

Tgt Ion:180 Resp: 194521
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.7 15.0 45.1

