

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069546.D
 Acq On : 18 Nov 2021 12:12
 Operator : JC/MD
 Sample : VN1118WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 19 03:17:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1044020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1684337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1541872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	647772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784168	51.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.600%			
35) Dibromofluoromethane	8.021	113	544985	53.949	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.900%			
50) Toluene-d8	10.443	98	2097532	52.794	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.731	95	741420	50.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	202148	18.124	ug/l	99
3) Chloromethane	2.303	50	227283	17.571	ug/l	100
4) Vinyl Chloride	2.446	62	224751	17.353	ug/l	98
5) Bromomethane	2.853	94	141015	16.764	ug/l	99
6) Chloroethane	3.019	64	147945	16.923	ug/l	99
7) Trichlorofluoromethane	3.374	101	343981	17.184	ug/l	99
8) Diethyl Ether	3.824	74	125083	19.314	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.208	101	187249	19.858	ug/l	95
10) Methyl Iodide	4.417	142	216832	18.748	ug/l	98
11) Tert butyl alcohol	5.382	59	239955	87.968	ug/l	99
12) 1,1-Dichloroethene	4.178	96	159202	18.814	ug/l	92
13) Acrolein	4.039	56	45922	115.323	ug/l	93
14) Allyl chloride	4.841	41	347099	18.553	ug/l	96
15) Acrylonitrile	5.557	53	702683	100.594	ug/l	99
16) Acetone	4.291	43	873975	107.007	ug/l	98
17) Carbon Disulfide	4.527	76	294239	14.711	ug/l	99
18) Methyl Acetate	4.859	43	513048	19.324	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	704302	19.667	ug/l	93
20) Methylene Chloride	5.093	84	218241	18.844	ug/l #	87
21) trans-1,2-Dichloroethene	5.591	96	174669	18.481	ug/l	91
22) Diisopropyl ether	6.498	45	800261	19.858	ug/l	97
23) Vinyl Acetate	6.436	43	3057377	98.090	ug/l	95
24) 1,1-Dichloroethane	6.385	63	400777	19.525	ug/l	100
25) 2-Butanone	7.340	43	1126163	101.829	ug/l	92
26) 2,2-Dichloropropane	7.324	77	296821	18.482	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	228177	19.476	ug/l	89
28) Bromochloromethane	7.659	49	225724	21.474	ug/l #	80
29) Tetrahydrofuran	7.689	42	681379	100.396	ug/l	90
30) Chloroform	7.818	83	421239	20.018	ug/l	99
31) Cyclohexane	8.096	56	369006	17.843	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	338910	19.295	ug/l	95
36) 1,1-Dichloropropene	8.223	75	282814	19.955	ug/l	96
37) Ethyl Acetate	7.415	43	407416	21.266	ug/l	96
38) Carbon Tetrachloride	8.206	117	269930	19.728	ug/l	98
39) Methylcyclohexane	9.459	83	330902	18.769	ug/l	91
40) Benzene	8.461	78	883599	20.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	200063	20.210	ug/l	90
42) 1,2-Dichloroethane	8.531	62	361917	21.129	ug/l	97
43) Isopropyl Acetate	8.563	43	632761	20.563	ug/l #	94
44) Trichloroethene	9.218	130	212239	20.272	ug/l	92
45) 1,2-Dichloropropane	9.491	63	243502	20.834	ug/l	98
46) Dibromomethane	9.577	93	157989	20.181	ug/l	92
47) Bromodichloromethane	9.762	83	302723	20.722	ug/l	99
48) Methyl methacrylate	9.561	41	288517	19.928	ug/l	91
49) 1,4-Dioxane	9.572	88	109256	404.979	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2148103	108.147	ug/l	95
52) Toluene	10.505	92	555160	20.371	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	299555	18.435	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	333045	18.719	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	233092	21.217	ug/l	99
56) Ethyl methacrylate	10.762	69	366685	19.037	ug/l	86
57) 1,3-Dichloropropane	11.044	76	401296	20.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	364902	85.074	ug/l	93
59) 2-Hexanone	11.087	43	1583905	99.385	ug/l	92
60) Dibromochloromethane	11.240	129	205763	18.657	ug/l	100
61) 1,2-Dibromoethane	11.347	107	232355	19.614	ug/l	98
64) Tetrachloroethene	10.980	164	194346	20.875	ug/l	96
65) Chlorobenzene	11.771	112	595073	20.735	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	213634	21.461	ug/l	98
67) Ethyl Benzene	11.846	91	1081752	20.437	ug/l	97
68) m/p-Xylenes	11.953	106	791707	40.668	ug/l	93
69) o-Xylene	12.283	106	396801	20.446	ug/l	93
70) Styrene	12.294	104	635303	19.198	ug/l	97
71) Bromoform	12.460	173	138294	18.331	ug/l #	99
73) Isopropylbenzene	12.578	105	1050080	20.360	ug/l	98
74) N-amyl acetate	12.390	43	431779	19.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	372925	21.438	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	331975m	22.207	ug/l	
77) Bromobenzene	12.862	156	240584	20.396	ug/l	79
78) n-propylbenzene	12.921	91	1192406	20.546	ug/l	96
79) 2-Chlorotoluene	13.010	91	736647	20.500	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	858023	20.578	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74232	18.858	ug/l #	82
82) 4-Chlorotoluene	13.106	91	697398	20.359	ug/l	93
83) tert-Butylbenzene	13.324	119	764851	20.933	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	836149	20.773	ug/l	98
85) sec-Butylbenzene	13.503	105	1054288	20.656	ug/l	97
86) p-Isopropyltoluene	13.616	119	831095	20.512	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	417832	20.431	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	403968	20.136	ug/l	96
89) n-Butylbenzene	13.943	91	646722	19.140	ug/l	98
90) Hexachloroethane	14.211	117	129394	18.785	ug/l	83
91) 1,2-Dichlorobenzene	13.989	146	407667	20.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	58339	19.187	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	178777	19.555	ug/l	96
94) Hexachlorobutadiene	15.373	225	109594	21.675	ug/l	100
95) Naphthalene	15.507	128	453721	18.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	170745	19.571	ug/l	99

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Response via : Initial Calibration

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

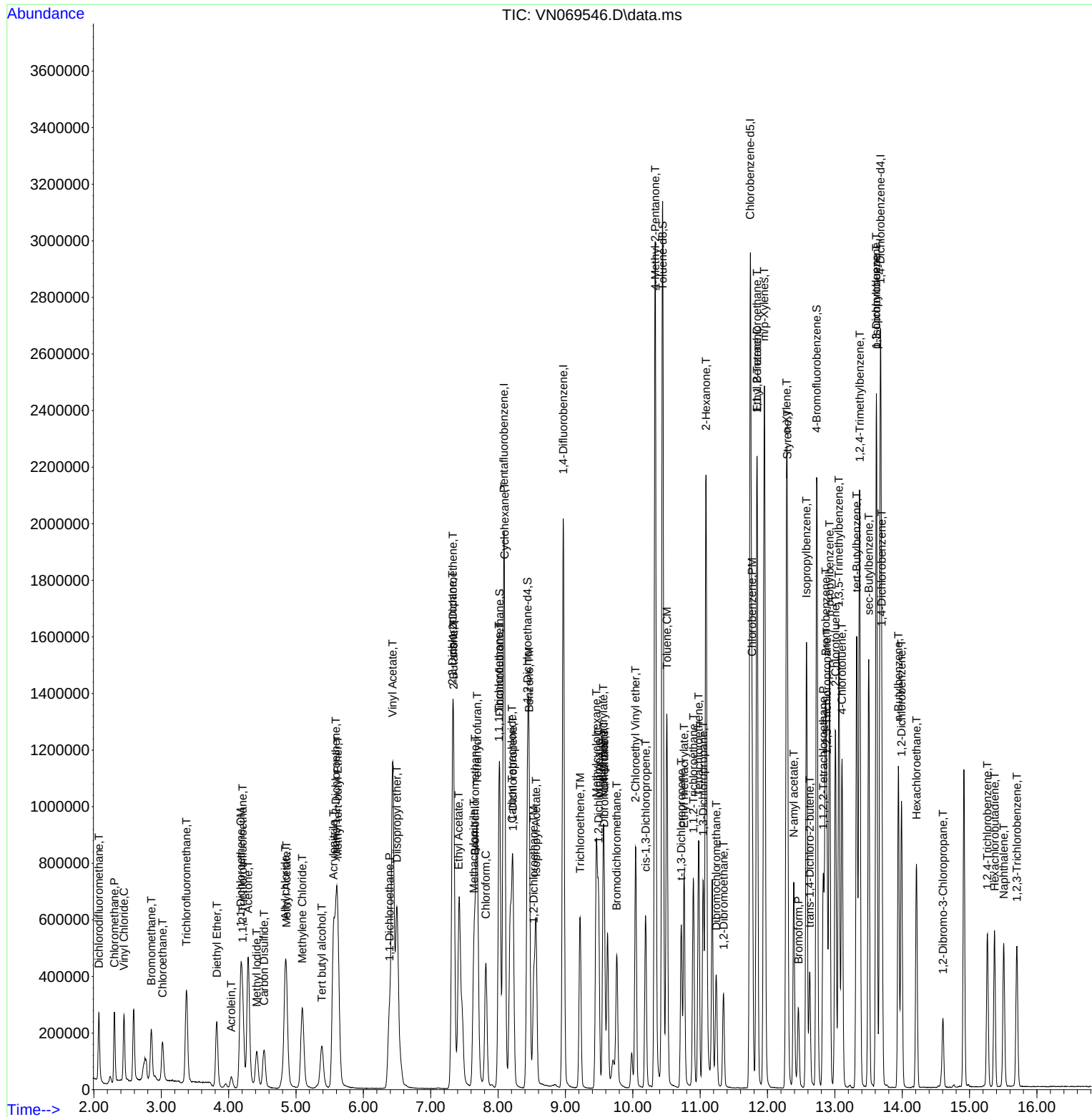
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
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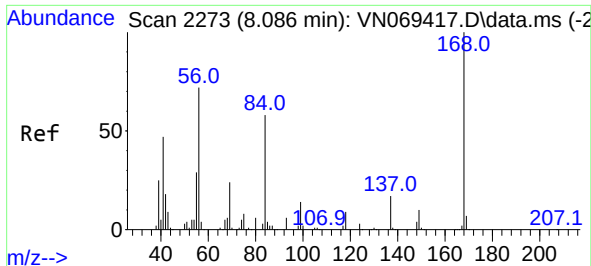
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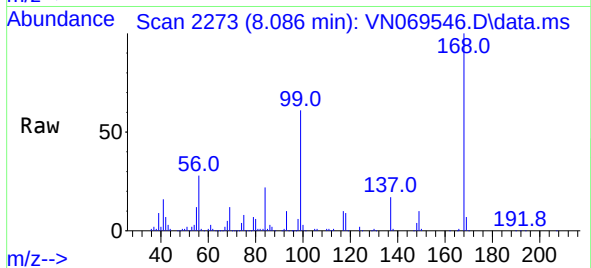
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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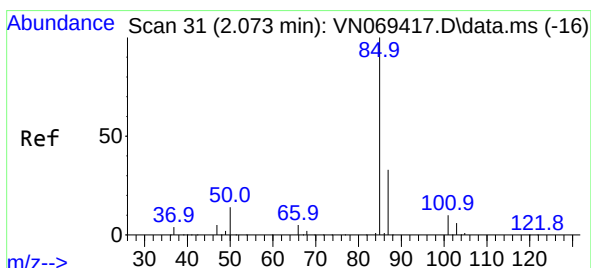
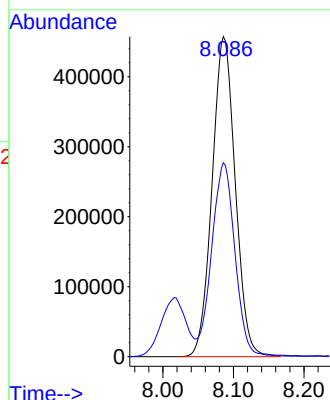
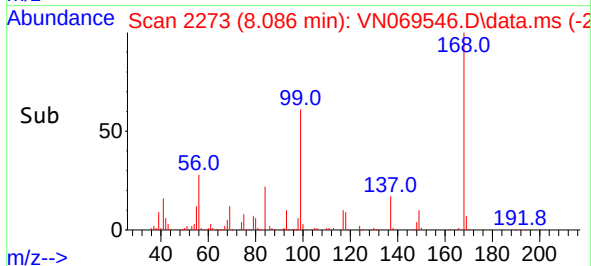
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Tgt Ion:168 Resp: 1044020
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

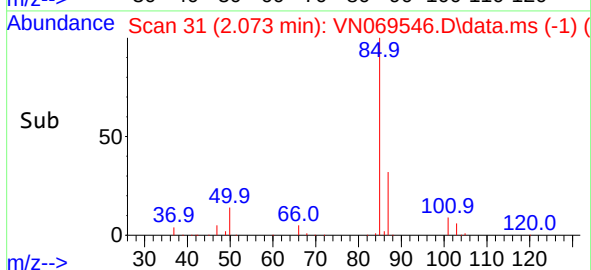
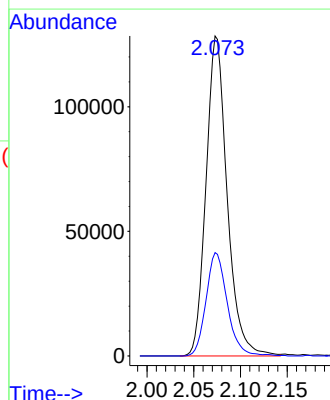
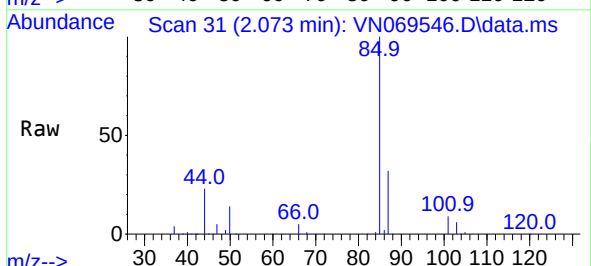
Manual Integrations
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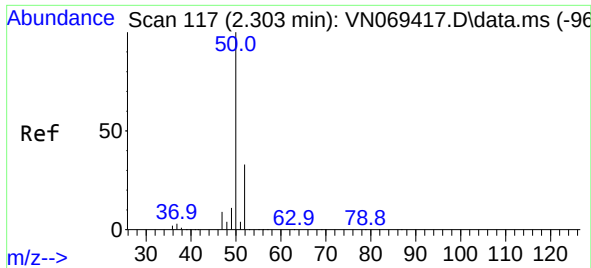
Reviewed By :John Carlone 12/01/2021
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#2
Dichlorodifluoromethane
Concen: 18.124 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

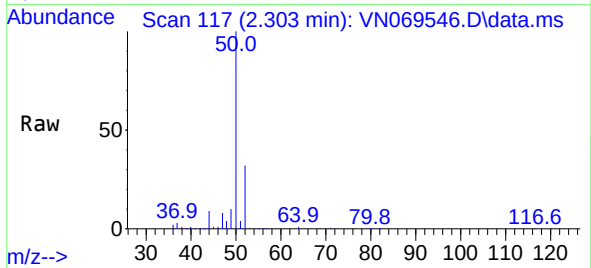
Tgt Ion: 85 Resp: 202148
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 17.571 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

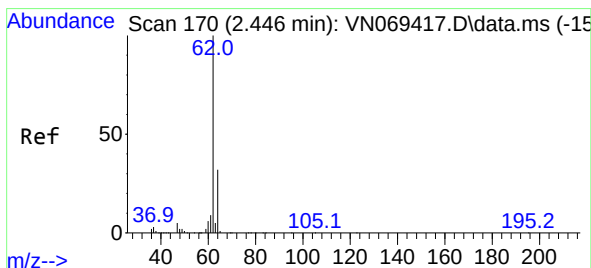
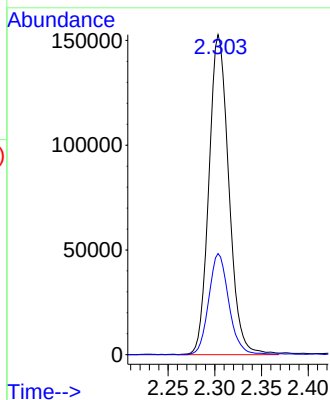
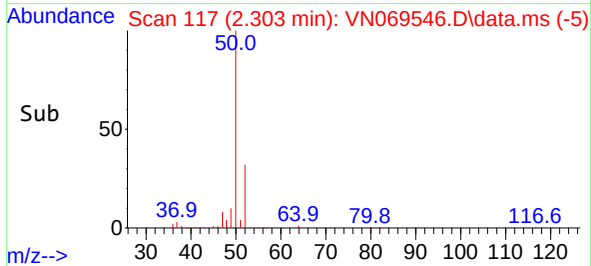
Instrument :
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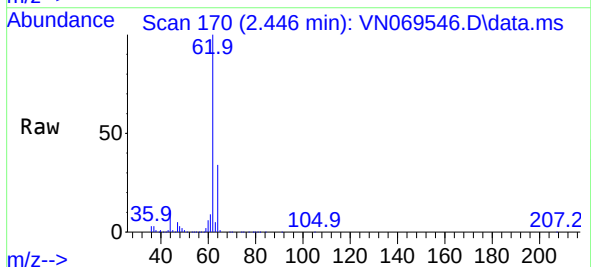
Tgt Ion: 50 Resp: 22728
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

Manual Integrations
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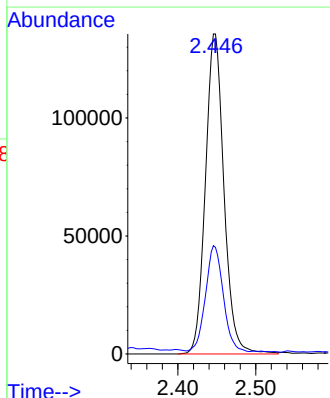
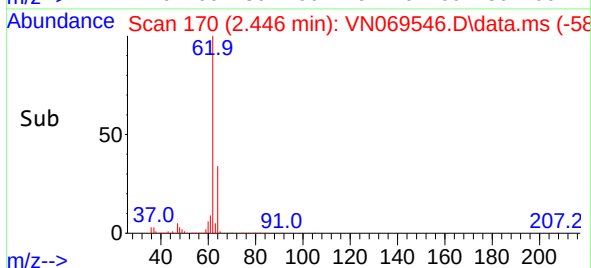
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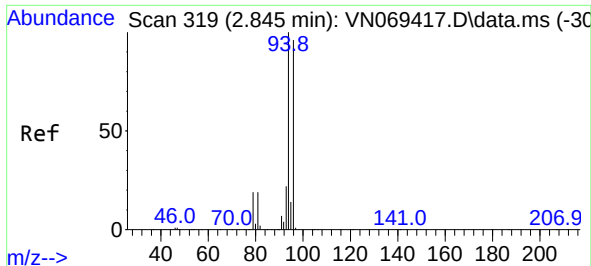


#4
Vinyl Chloride
Concen: 17.353 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



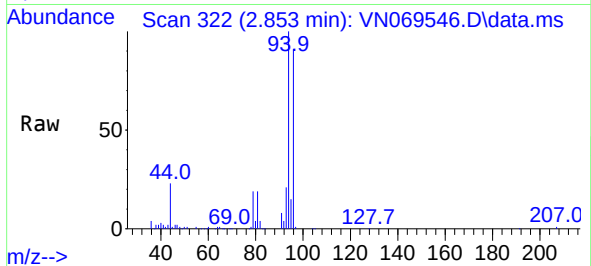
Tgt Ion: 62 Resp: 224751
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.6





#5
Bromomethane
Concen: 16.764 ug/l
RT: 2.853 min Scan# 319
Delta R.T. 0.008 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

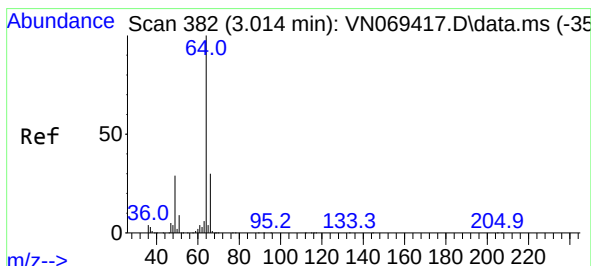
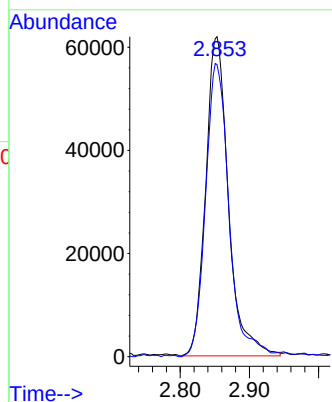
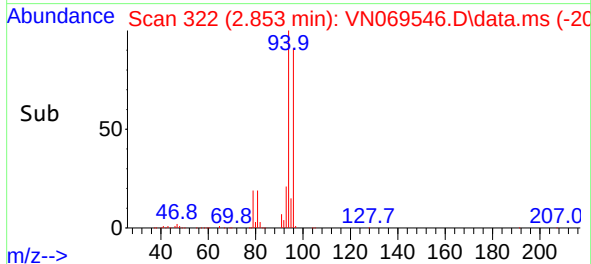
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Tgt Ion: 94 Resp: 141015
Ion Ratio Lower Upper
94 100
96 91.6 73.8 110.8

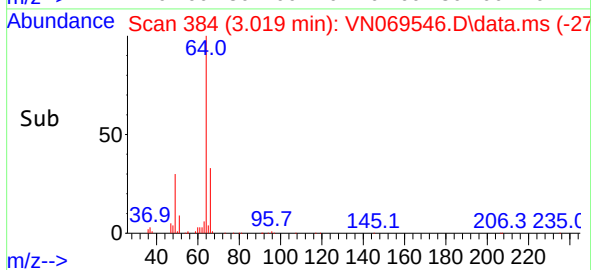
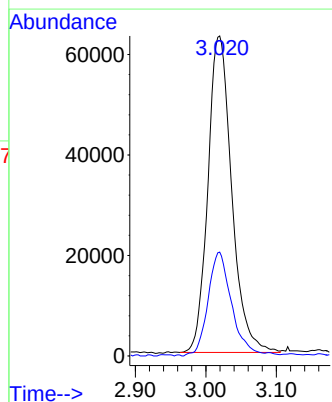
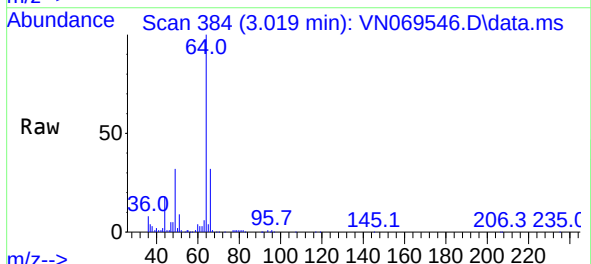
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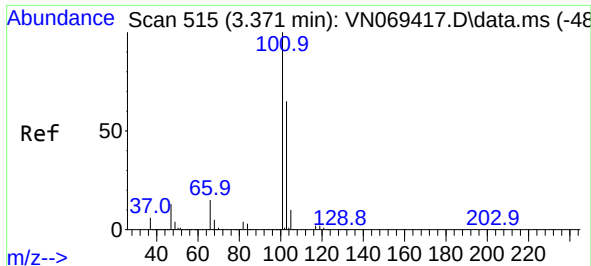
Reviewed By :John Carlone 12/01/2021
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#6
Chloroethane
Concen: 16.923 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion: 64 Resp: 147945
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





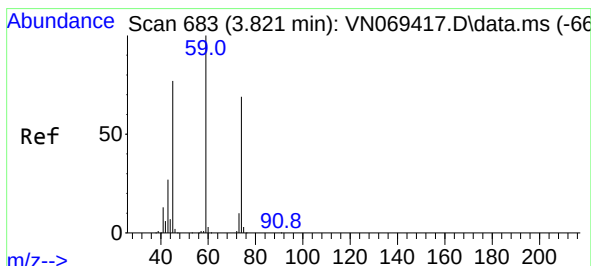
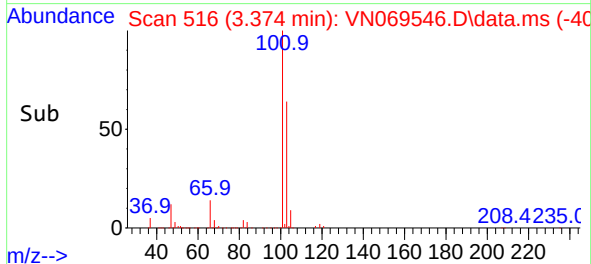
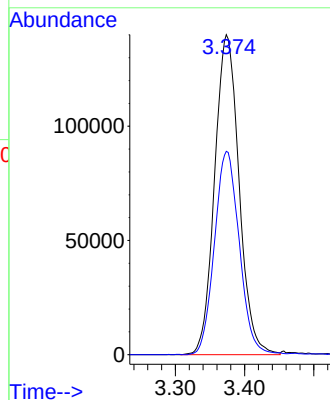
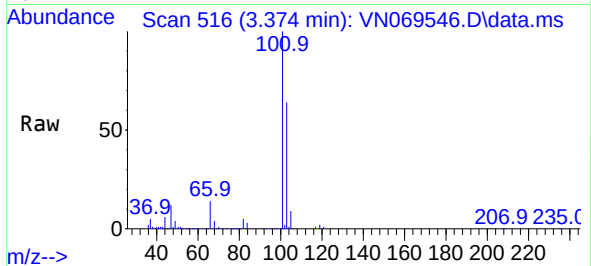
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Trichlorofluoromethane
Concen: 17.184 ug/l
RT: 3.374 min Scan# 515
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
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Tgt Ion:101 Resp: 34398
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

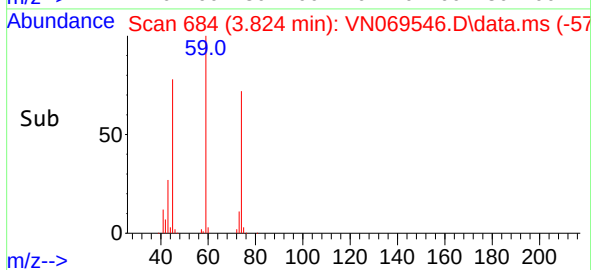
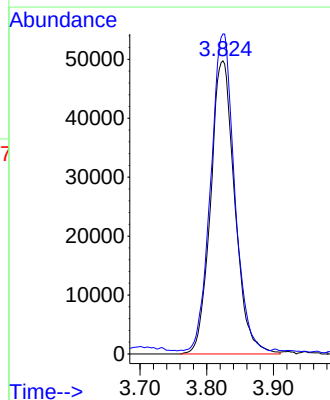
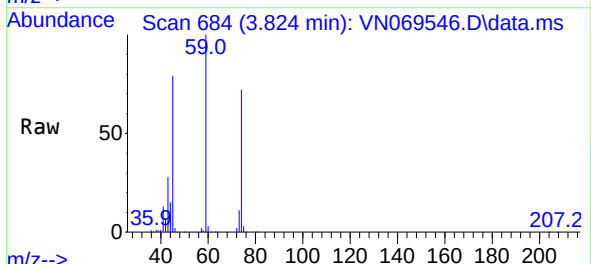
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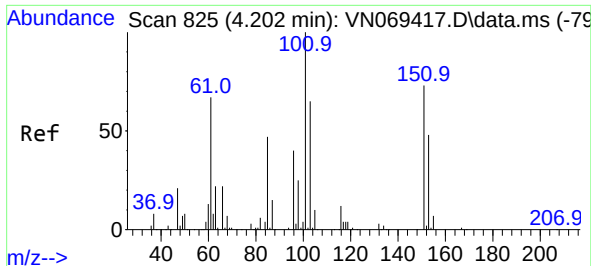
Reviewed By :John Carlone 12/01/2021
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#8
Diethyl Ether
Concen: 19.314 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion: 74 Resp: 125083
Ion Ratio Lower Upper
74 100
45 105.9 47.0 141.2





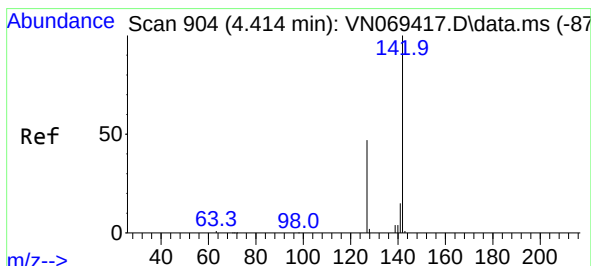
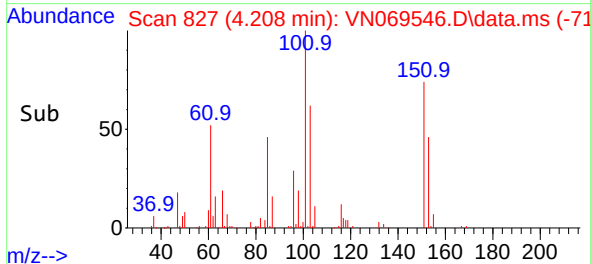
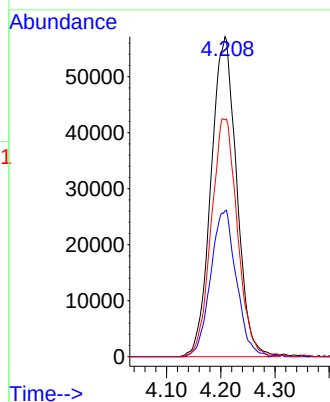
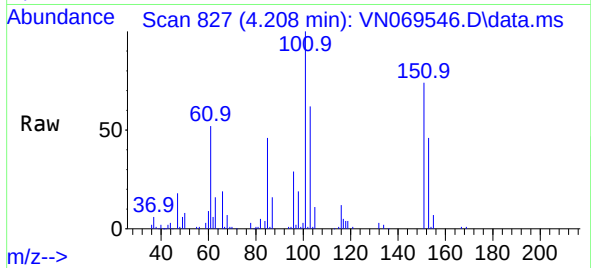
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.858 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:101 Resp: 187249
Ion Ratio Lower Upper
101 100
85 46.0 37.2 55.8
151 75.7 65.9 98.9

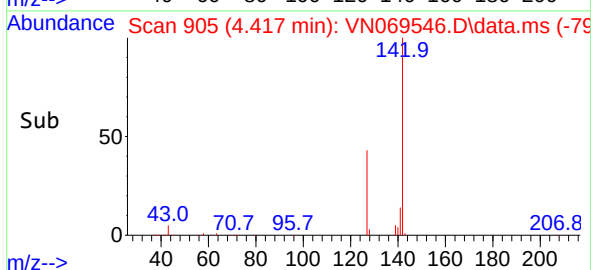
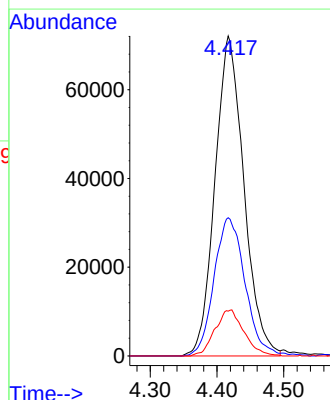
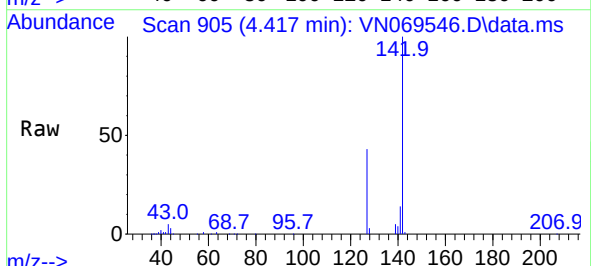
Manual Integrations
APPROVED

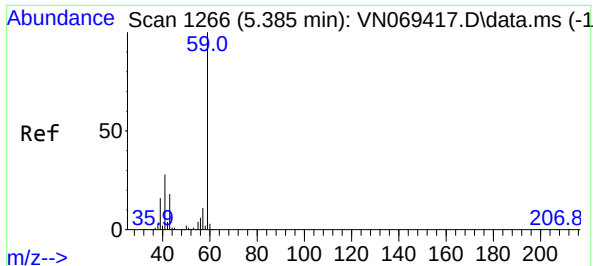
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 18.748 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

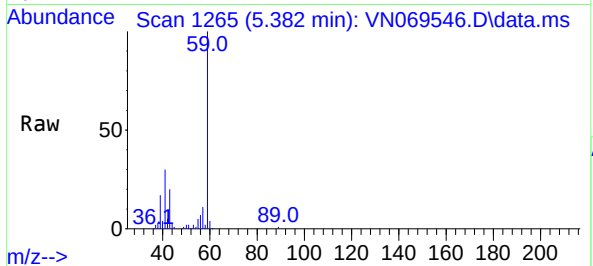
Tgt Ion:142 Resp: 216832
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 87.968 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

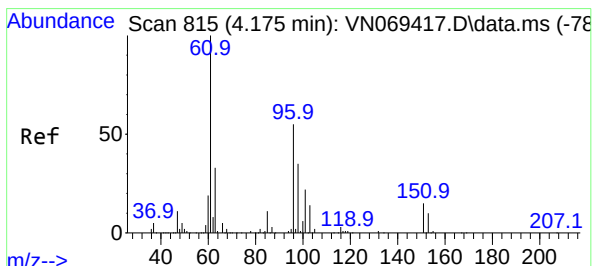
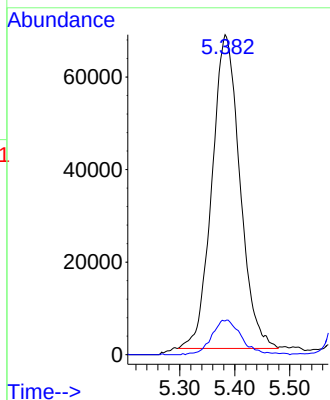
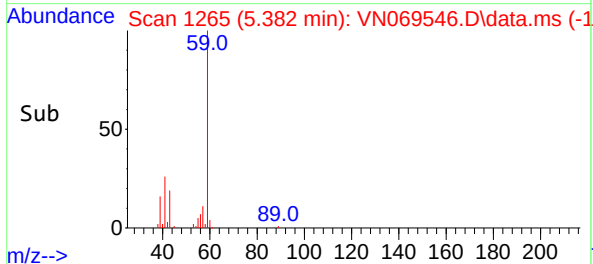
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



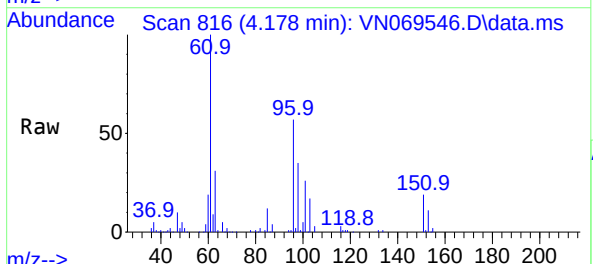
Tgt Ion: 59 Resp: 23995
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1

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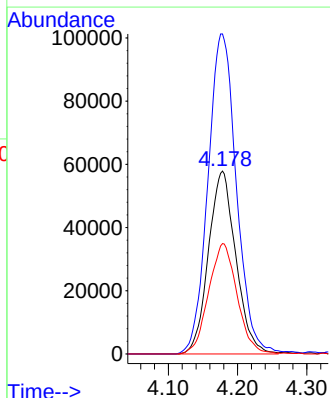
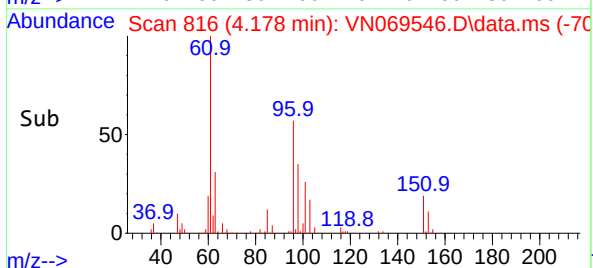
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

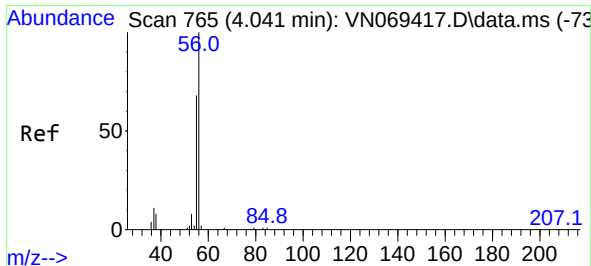


#12
1,1-Dichloroethene
Concen: 18.814 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



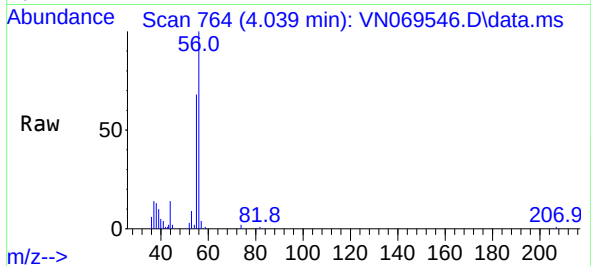
Tgt Ion: 96 Resp: 159202
Ion Ratio Lower Upper
96 100
61 174.7 131.0 196.6
98 60.4 52.4 78.6





#13
Acrolein
Concen: 115.323 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

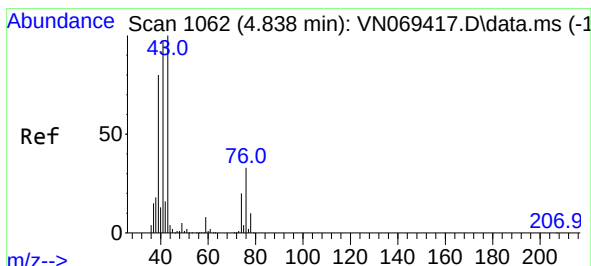
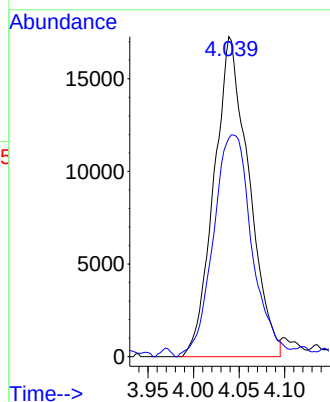
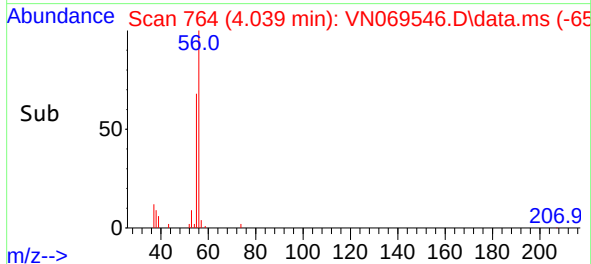
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



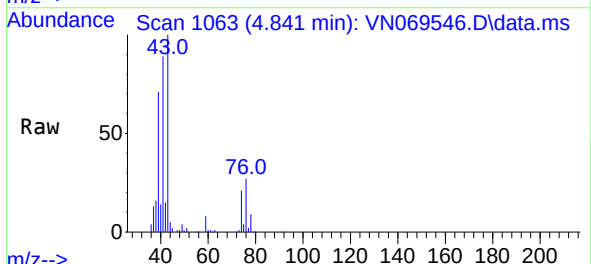
Tgt Ion: 56 Resp: 4592
Ion Ratio Lower Upper
56 100
55 76.8 56.6 85.0

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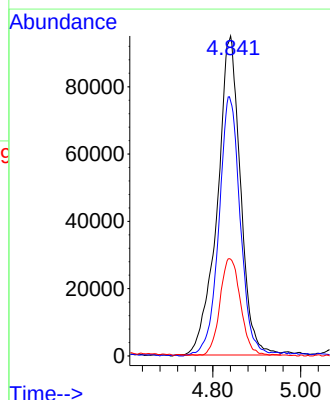
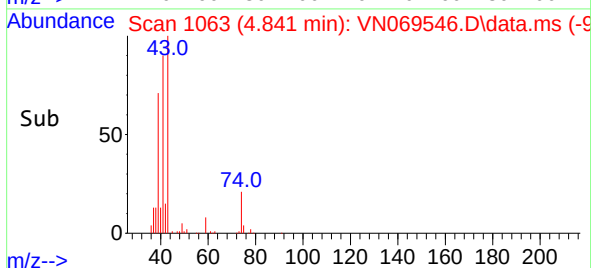
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

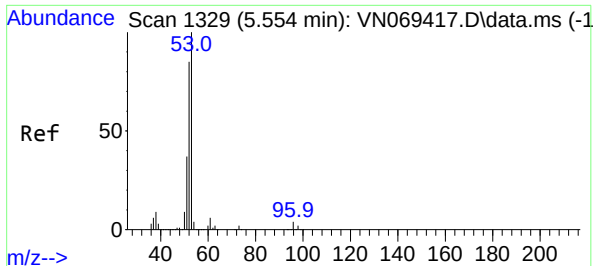


#14
Allyl chloride
Concen: 18.553 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 41 Resp: 347099
Ion Ratio Lower Upper
41 100
39 74.9 61.2 91.8
76 26.7 26.0 39.0





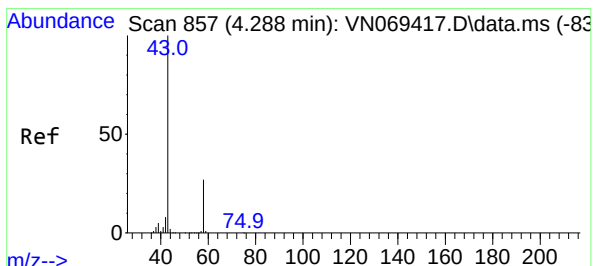
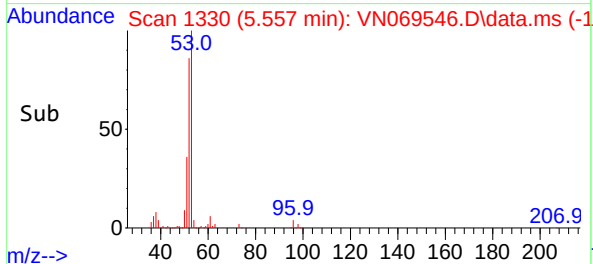
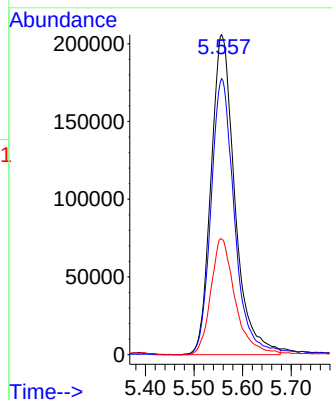
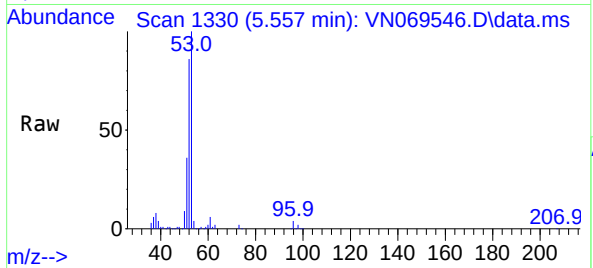
#15
Acrylonitrile
Concen: 100.594 ug/l
RT: 5.557 min Scan# 111
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 53 Resp: 70268
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.9 29.6 44.4

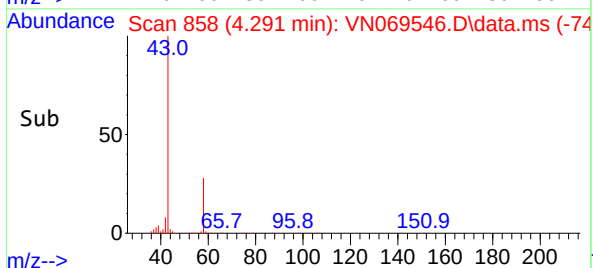
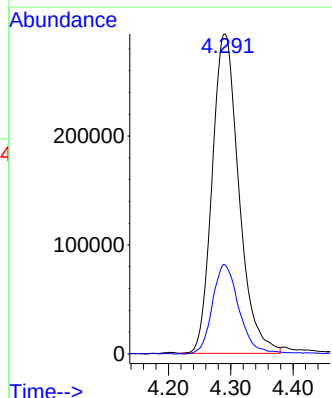
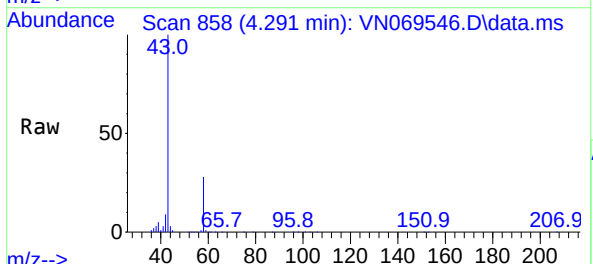
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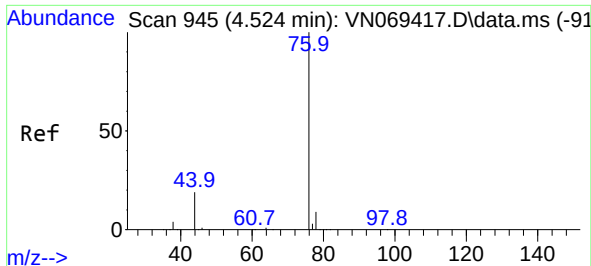
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 107.007 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

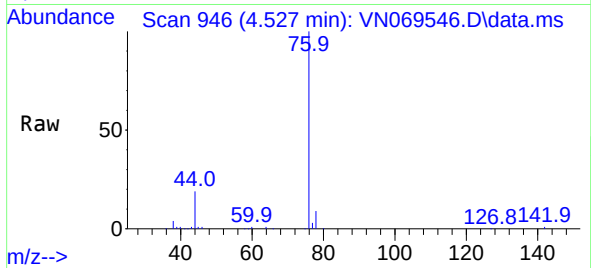
Tgt Ion: 43 Resp: 873975
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#17
Carbon Disulfide
Concen: 14.711 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

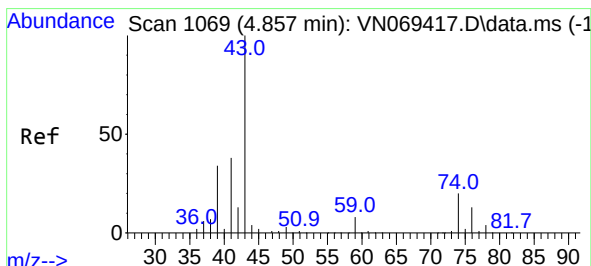
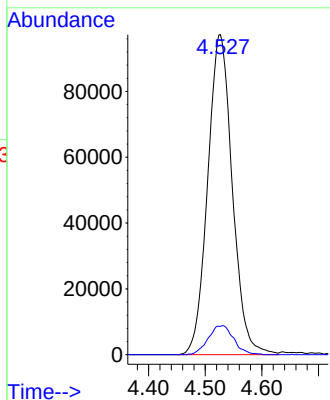
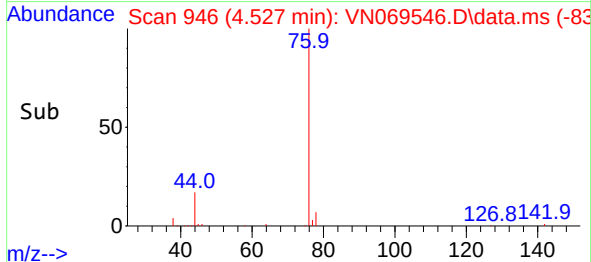
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



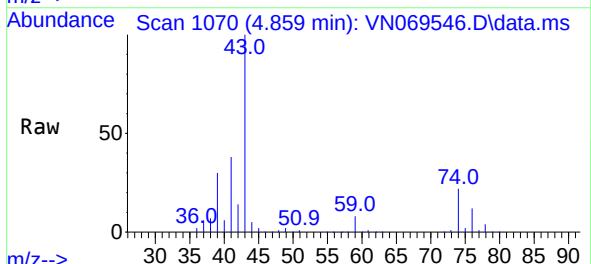
Tgt Ion: 76 Resp: 294239
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

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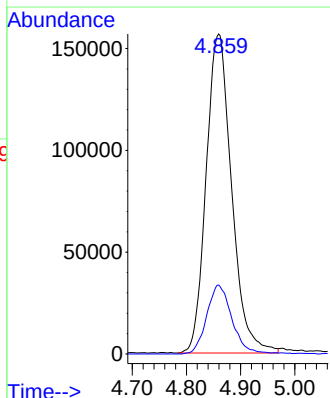
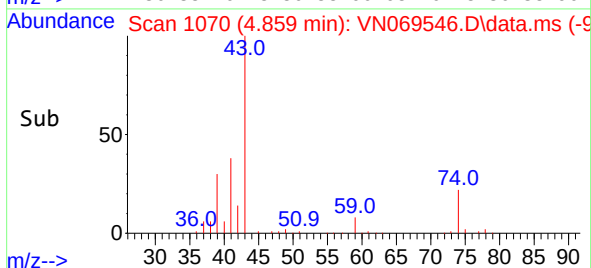
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

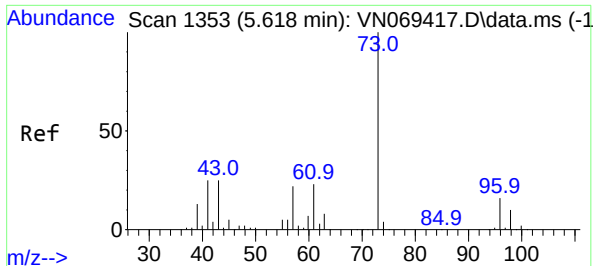


#18
Methyl Acetate
Concen: 19.324 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 43 Resp: 513048
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.667 ug/l

RT: 5.618 min Scan# 11353

Delta R.T. 0.000 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 73 Resp: 704302

Ion Ratio Lower Upper

73 100

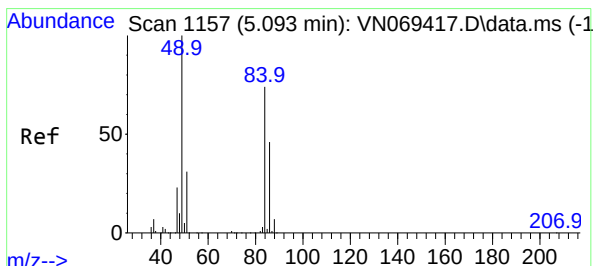
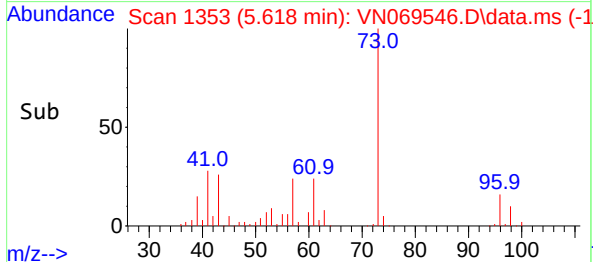
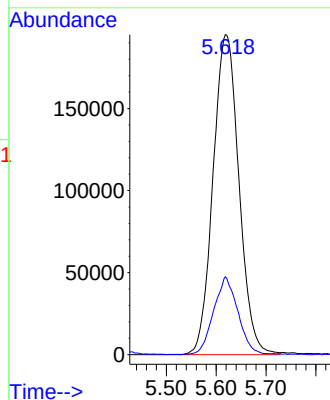
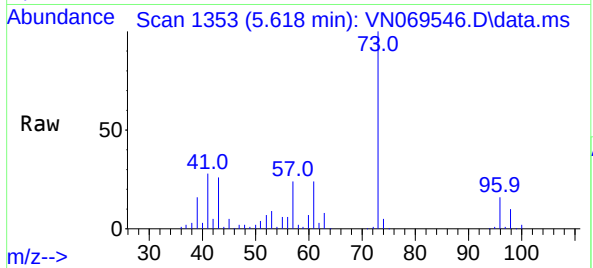
57 24.3 16.8 25.2

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#20

Methylene Chloride

Concen: 18.844 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Tgt Ion: 84 Resp: 218241

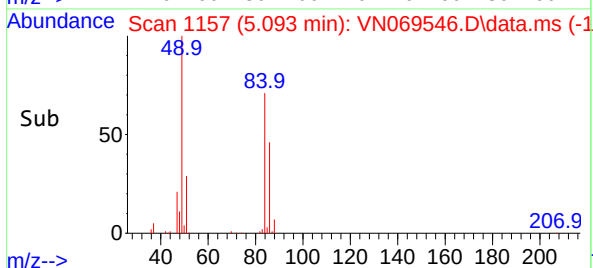
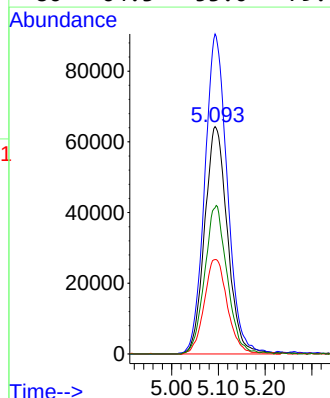
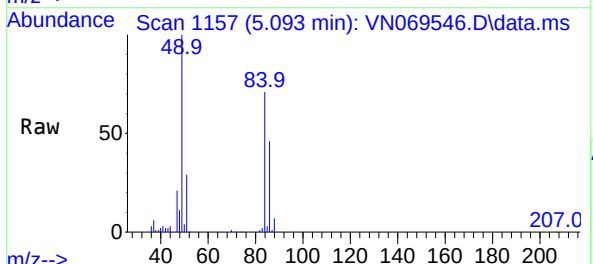
Ion Ratio Lower Upper

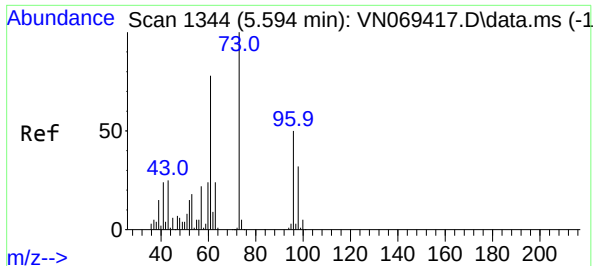
84 100

49 140.3 93.5 140.3#

51 41.5 29.4 44.2

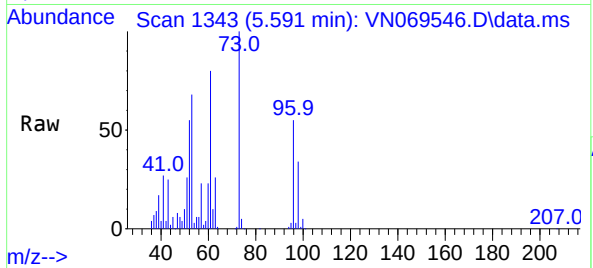
86 64.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.481 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

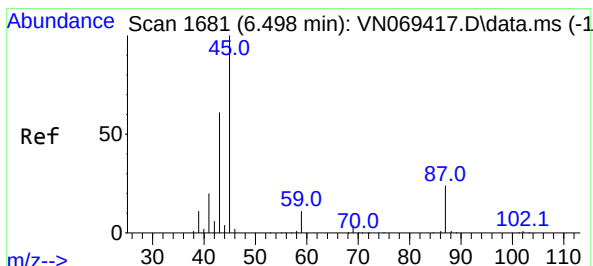
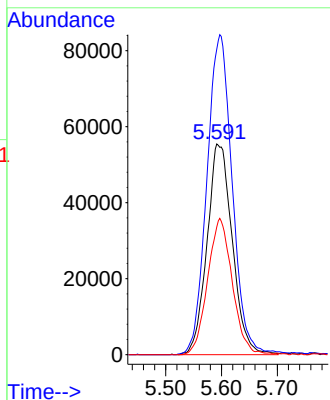
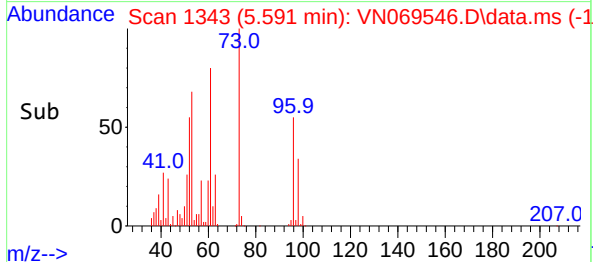
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



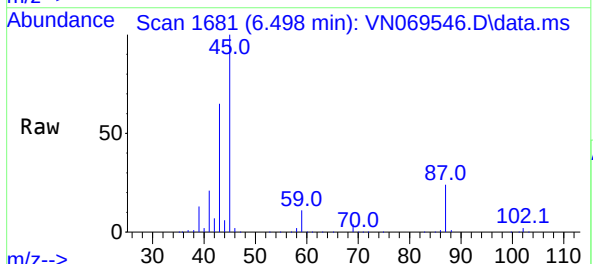
Tgt Ion: 96 Resp: 174669
Ion Ratio Lower Upper
96 100
61 144.6 105.8 158.6
98 60.6 52.0 78.0

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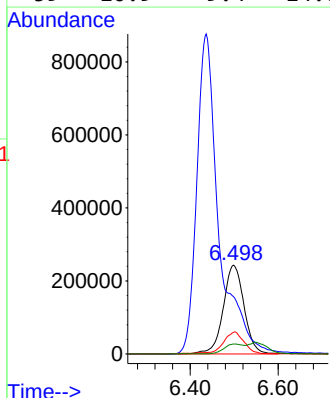
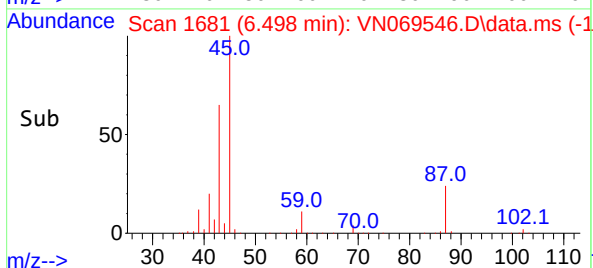
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

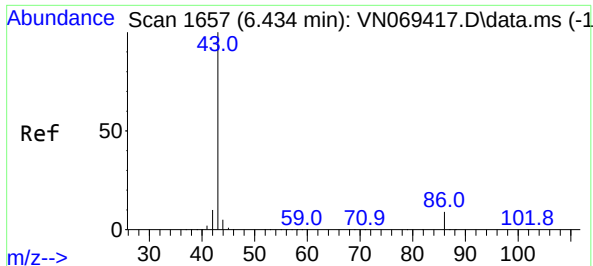


#22
Diisopropyl ether
Concen: 19.858 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 45 Resp: 800261
Ion Ratio Lower Upper
45 100
43 63.7 51.7 77.5
87 24.2 23.2 34.8
59 10.9 9.4 14.0





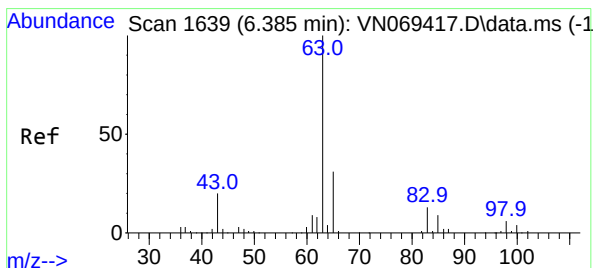
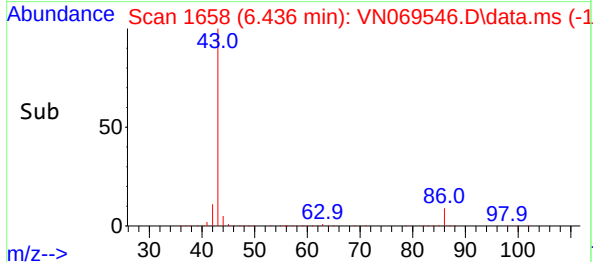
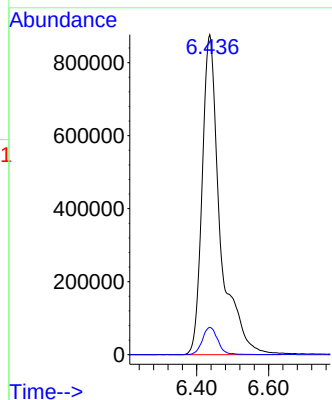
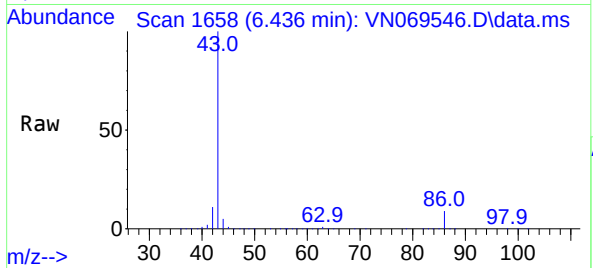
#23
 Vinyl Acetate
 Concen: 98.090 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Tgt Ion: 43 Resp: 305737
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

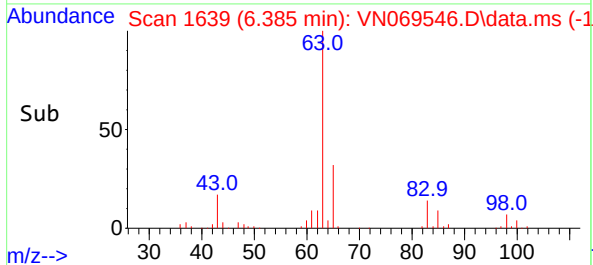
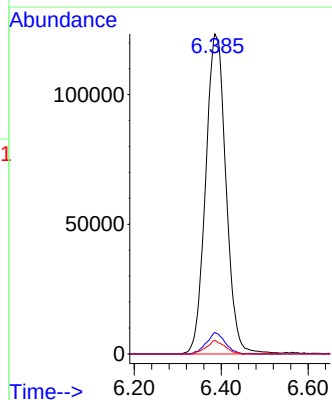
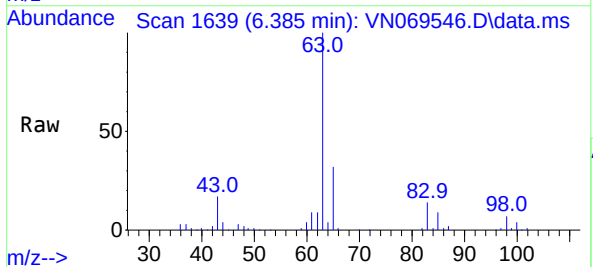
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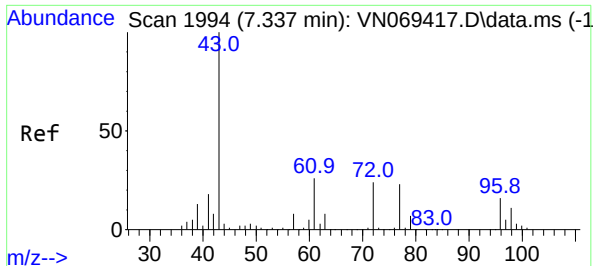
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#24
 1,1-Dichloroethane
 Concen: 19.525 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12

Tgt Ion: 63 Resp: 400777
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 101.829 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 43 Resp: 112616

Ion Ratio Lower Upper

43 100

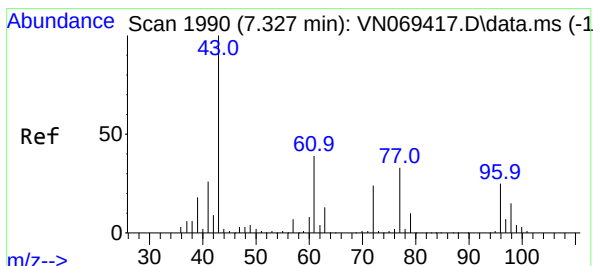
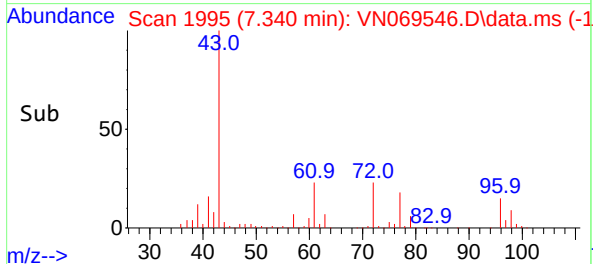
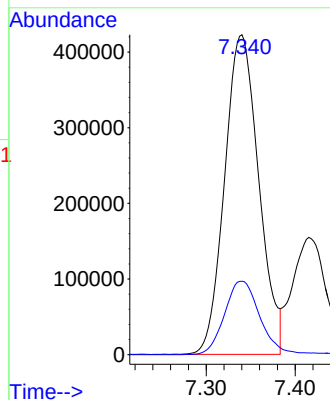
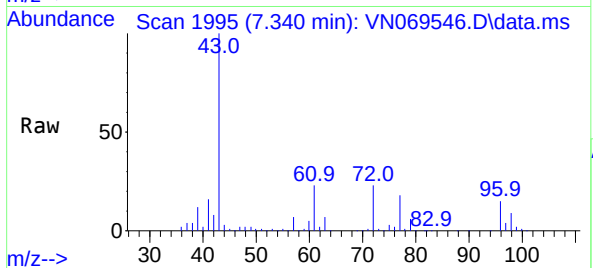
72 23.0 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#26

2,2-Dichloropropane

Concen: 18.482 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069546.D

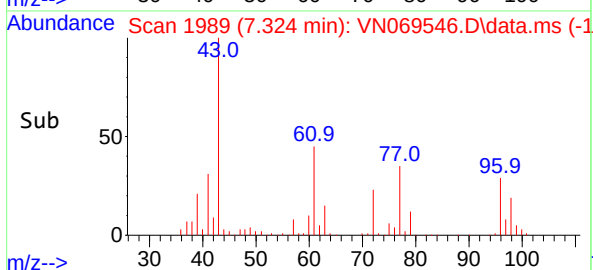
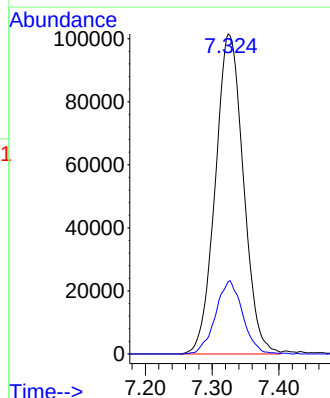
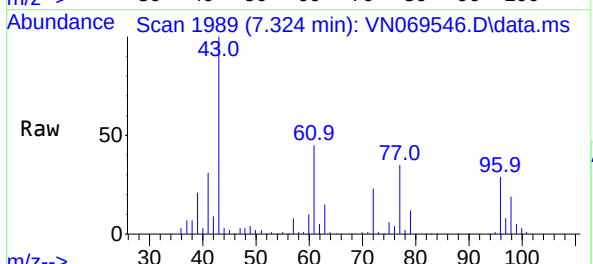
Acq: 18 Nov 2021 12:12

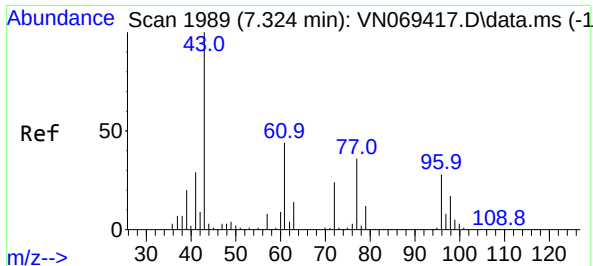
Tgt Ion: 77 Resp: 296821

Ion Ratio Lower Upper

77 100

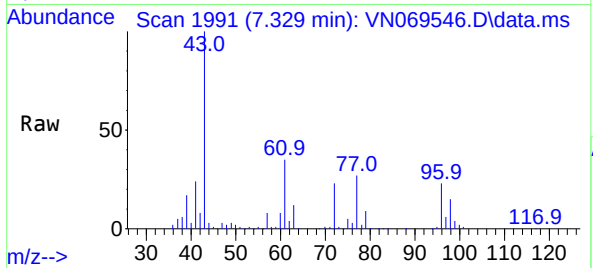
97 22.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.476 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12

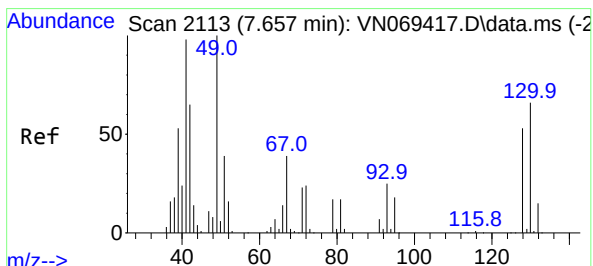
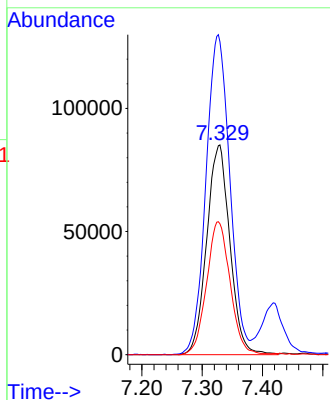
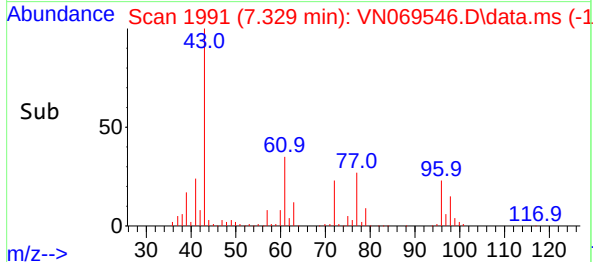
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



Tgt Ion: 96 Resp: 22817
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 275.0
 98 64.3 0.0 129.6

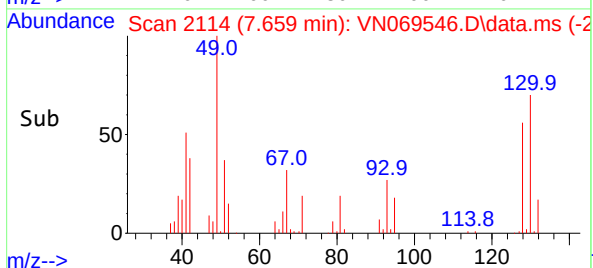
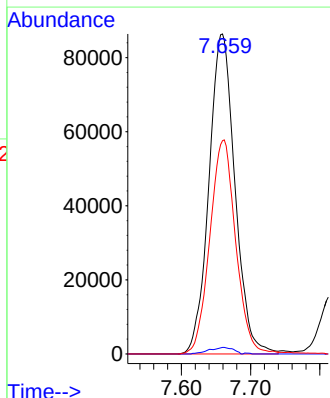
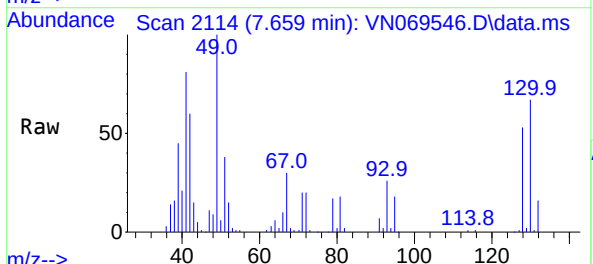
Manual Integrations
 APPROVED

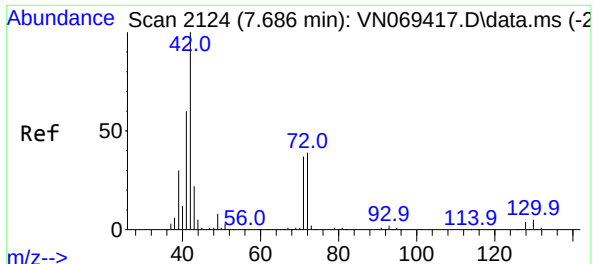
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#28
 Bromochloromethane
 Concen: 21.474 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12

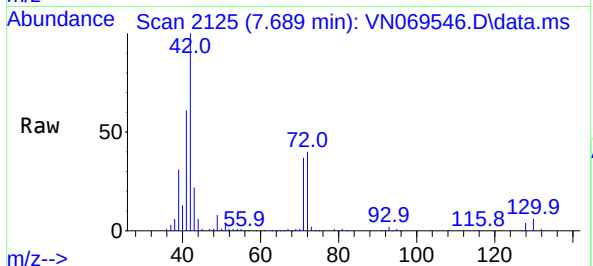
Tgt Ion: 49 Resp: 225724
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 66.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 100.396 ug/l
RT: 7.689 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

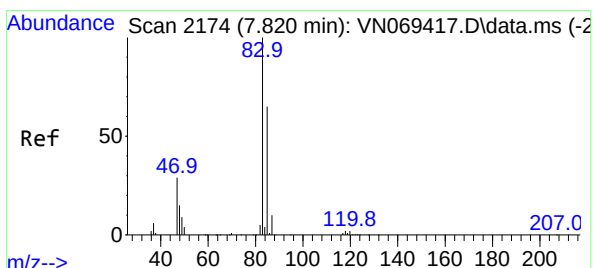
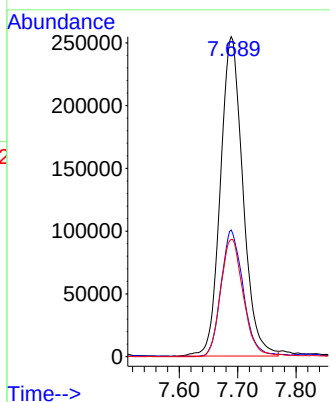
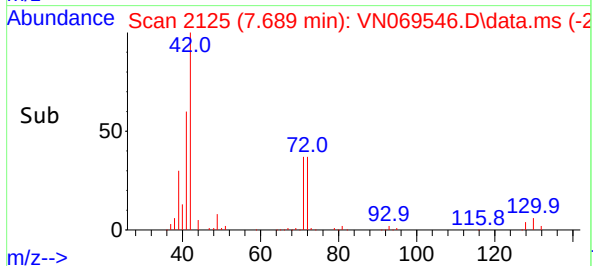
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



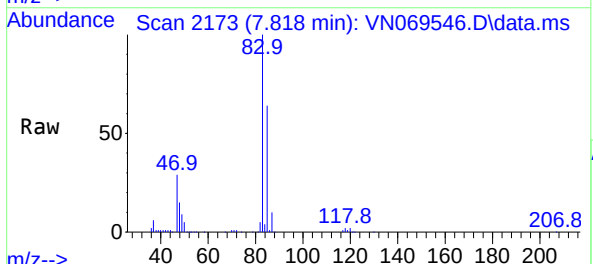
Tgt Ion: 42 Resp: 681379
Ion Ratio Lower Upper
42 100
72 38.9 36.3 54.5
71 37.0 34.7 52.1

Manual Integrations
APPROVED

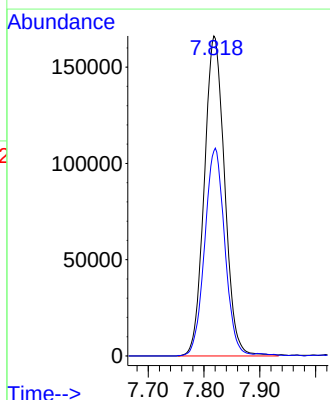
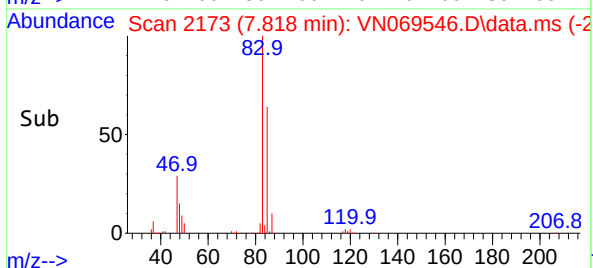
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

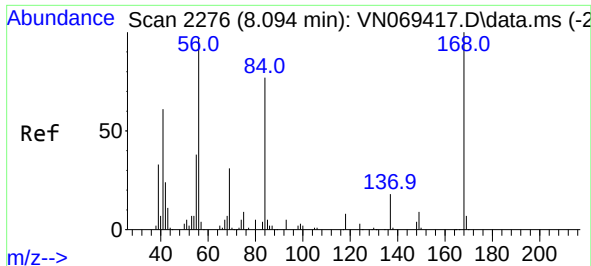


#30
Chloroform
Concen: 20.018 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



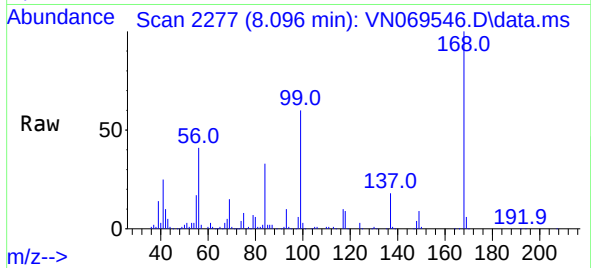
Tgt Ion: 83 Resp: 421239
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 17.843 ug/l
RT: 8.096 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

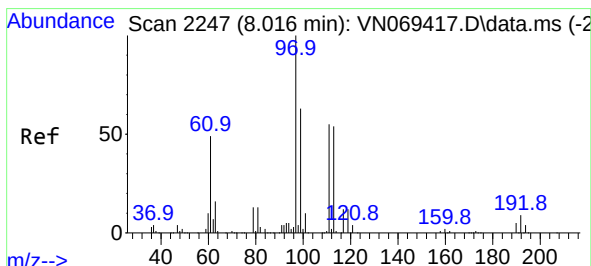
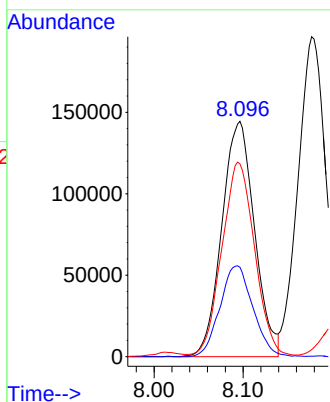
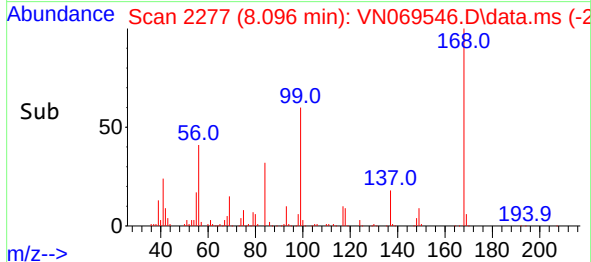
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



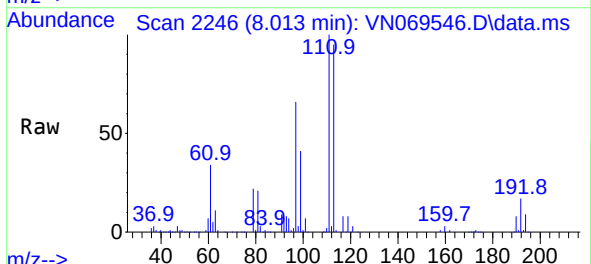
Tgt Ion: 56 Resp: 369000
Ion Ratio Lower Upper
56 100
69 37.7 27.1 40.7
84 80.6 73.4 110.0

Manual Integrations
APPROVED

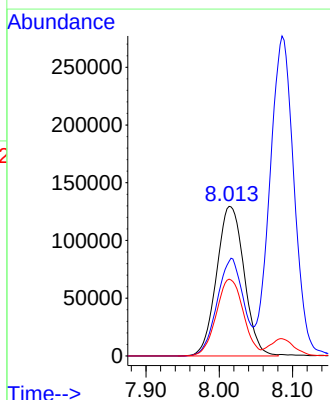
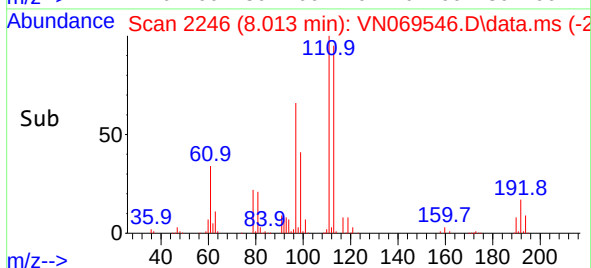
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

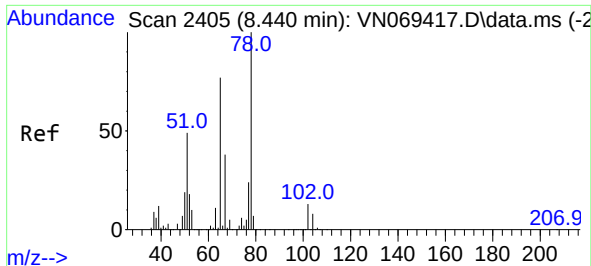


#32
1,1,1-Trichloroethane
Concen: 19.295 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 97 Resp: 338910
Ion Ratio Lower Upper
97 100
99 61.8 50.1 75.1
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.802 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 65 Resp: 78416

Ion Ratio Lower Upper

65 100

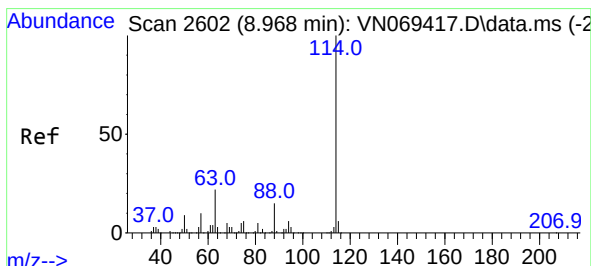
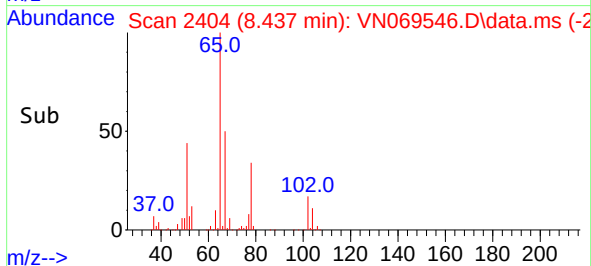
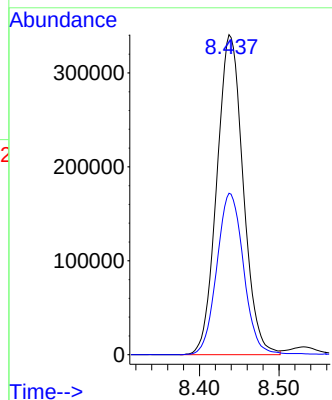
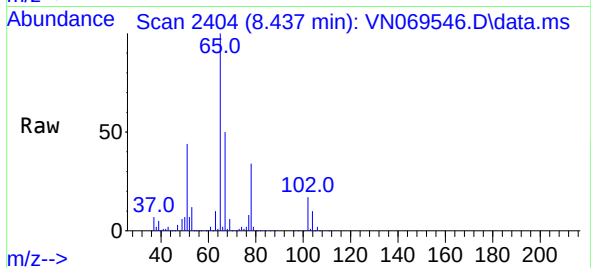
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

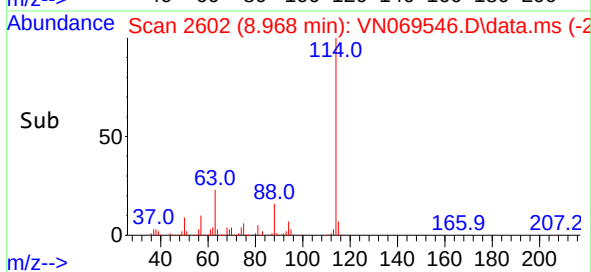
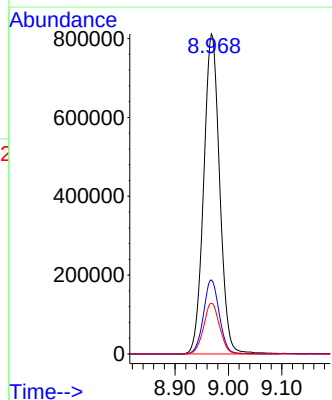
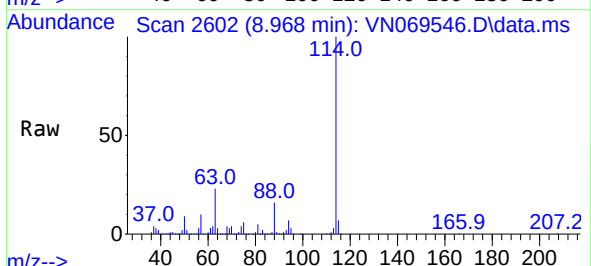
Tgt Ion:114 Resp: 1684337

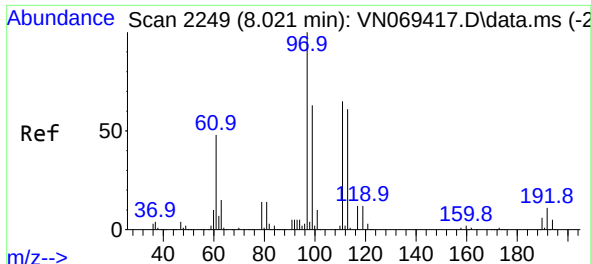
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

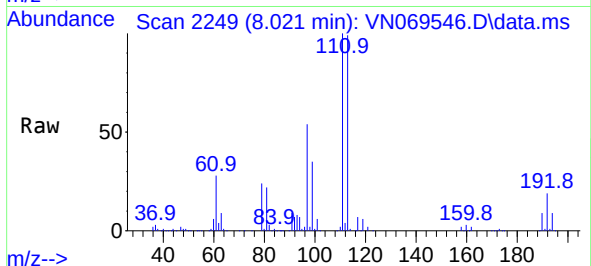
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.949 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

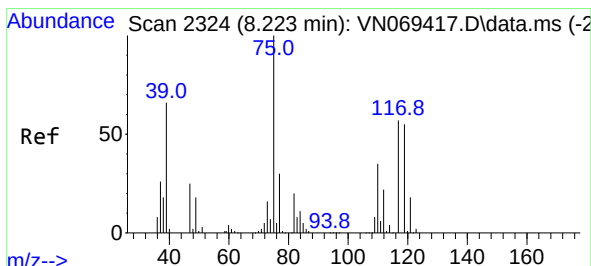
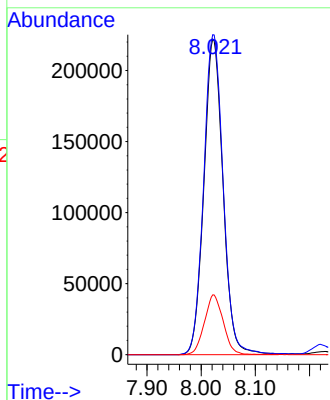
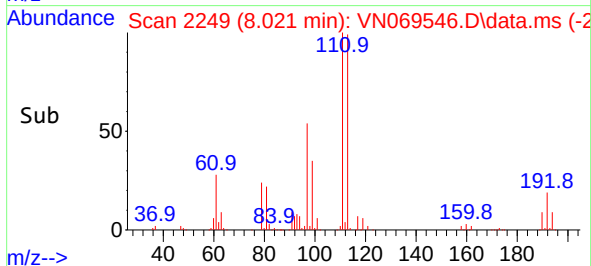
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



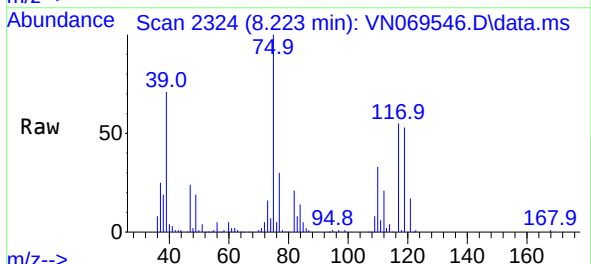
Tgt Ion:113 Resp: 54498
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.6 16.9 25.3

Manual Integrations
APPROVED

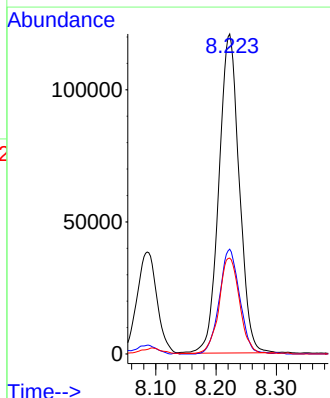
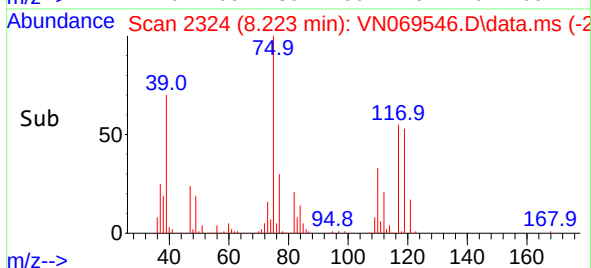
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

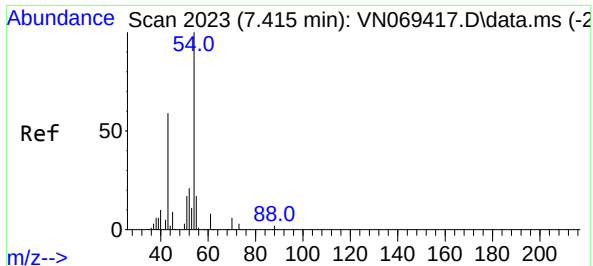


#36
1,1-Dichloropropene
Concen: 19.955 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



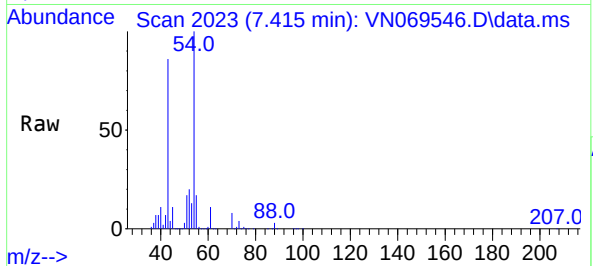
Tgt Ion: 75 Resp: 282814
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 21.266 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

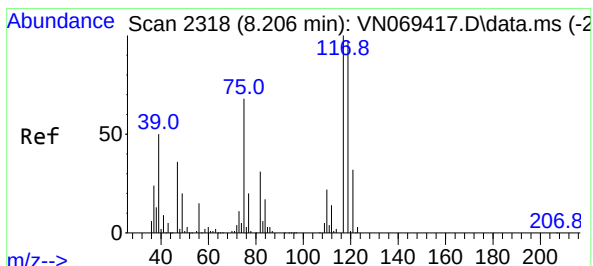
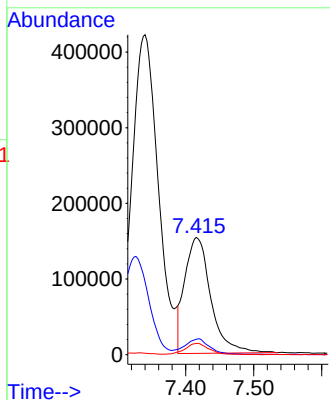
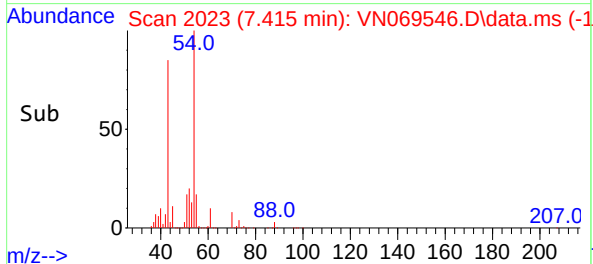
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 407410
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.8 7.9 11.9

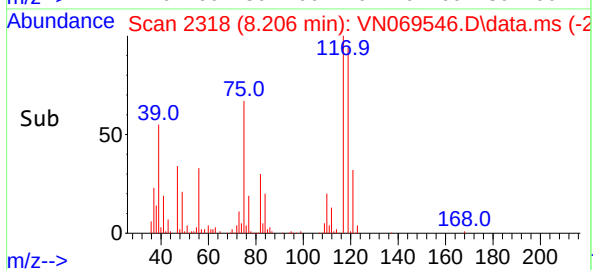
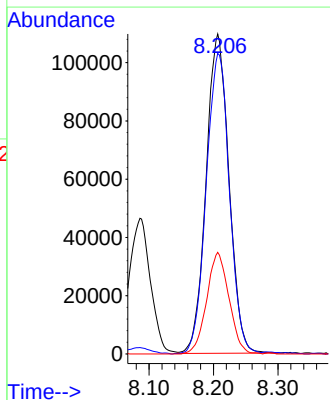
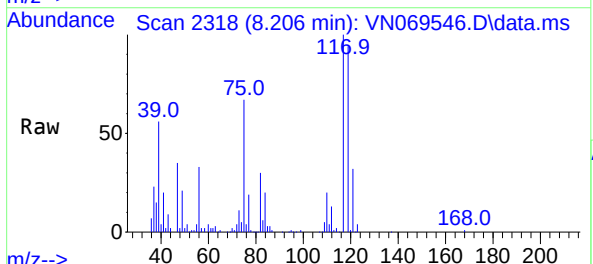
Manual Integrations
APPROVED

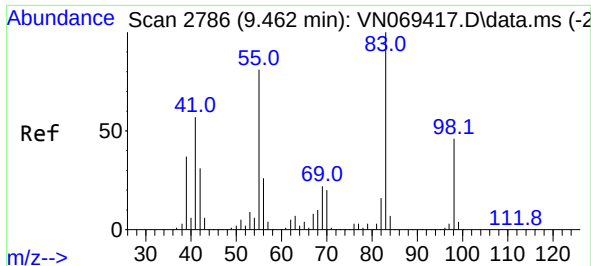
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#38
Carbon Tetrachloride
Concen: 19.728 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion:117 Resp: 269930
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 18.769 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 83 Resp: 33090

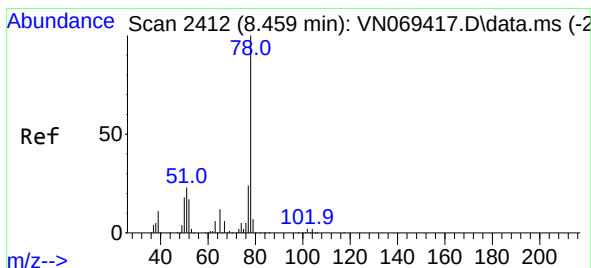
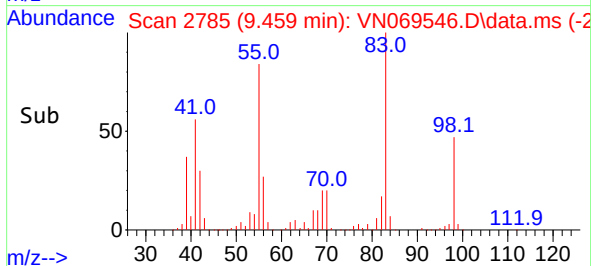
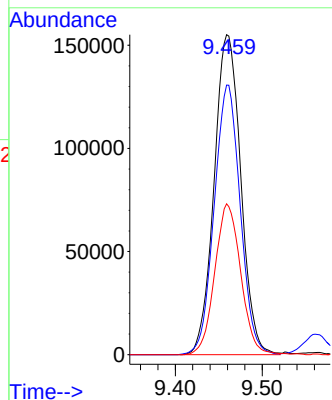
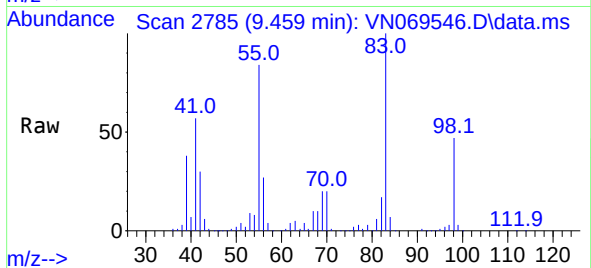
Ion	Ratio	Lower	Upper
83	100		
55	84.1	58.1	87.1
98	47.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#40

Benzene

Concen: 20.198 ug/l

RT: 8.461 min Scan# 2413

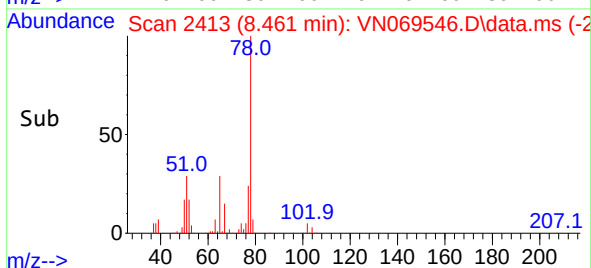
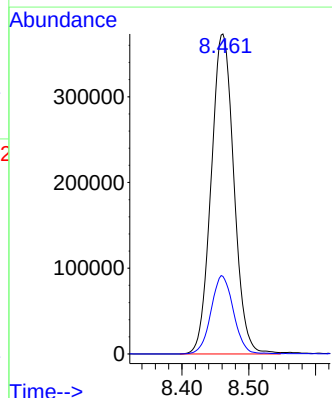
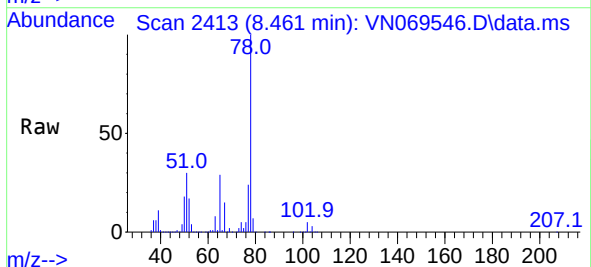
Delta R.T. 0.002 min

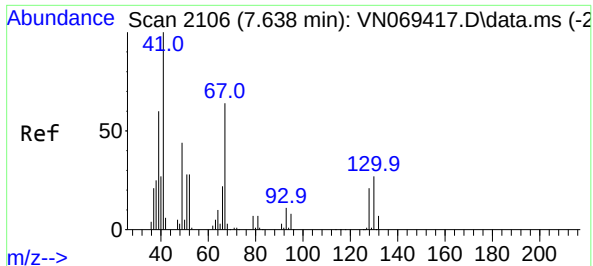
Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Tgt Ion: 78 Resp: 883599

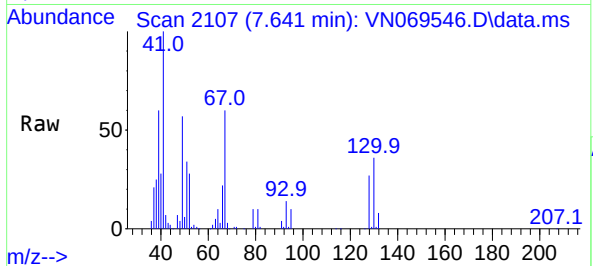
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8





#41
Methacrylonitrile
Concen: 20.210 ug/l
RT: 7.641 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

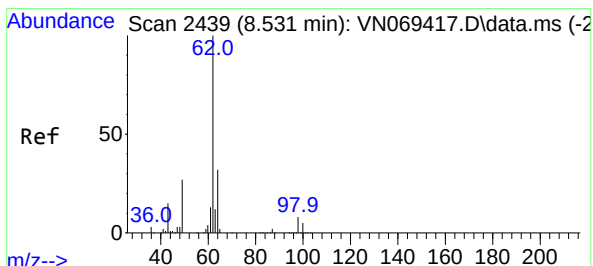
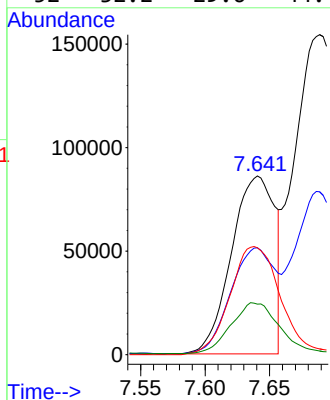
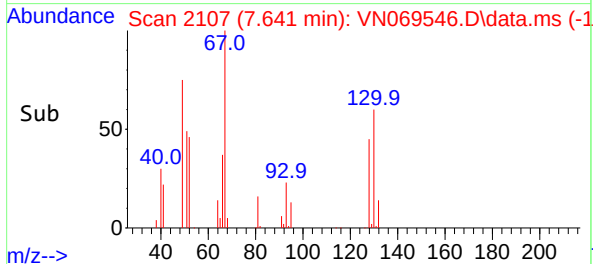
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 41 Resp: 20006
Ion Ratio Lower Upper
41 100
39 63.1 48.1 72.1
67 72.1 68.3 102.5
52 32.2 29.6 44.4

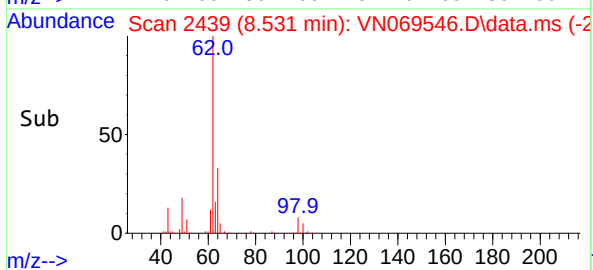
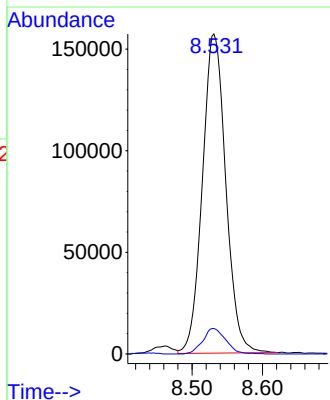
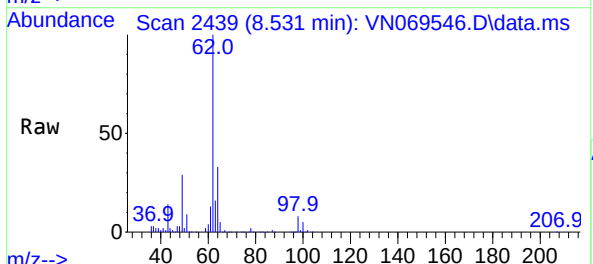
Manual Integrations
APPROVED

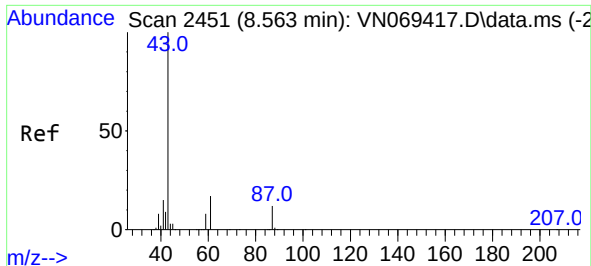
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 21.129 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

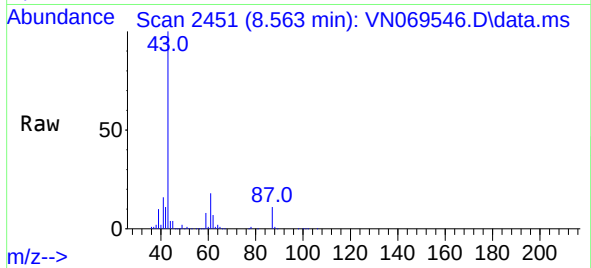
Tgt Ion: 62 Resp: 361917
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.563 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

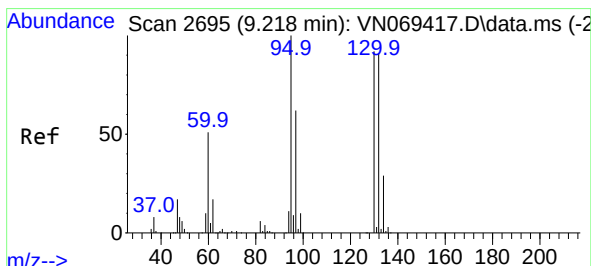
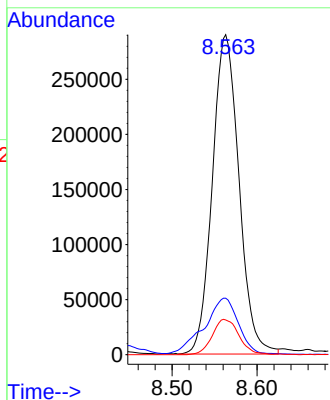
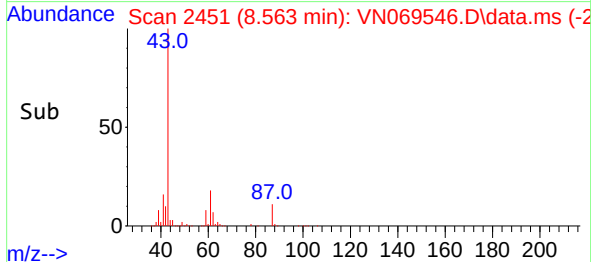
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 63276
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.1 11.2 16.8

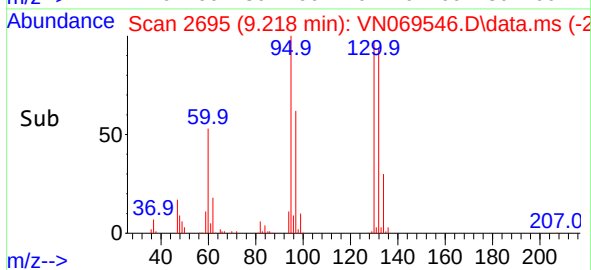
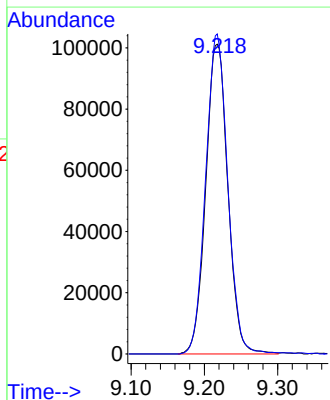
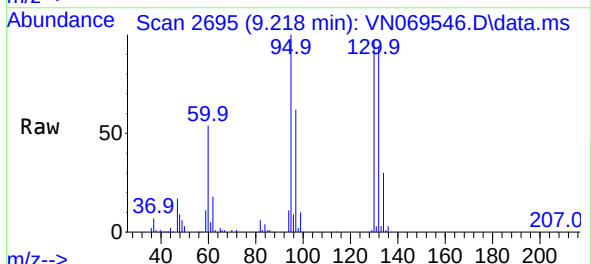
Manual Integrations
APPROVED

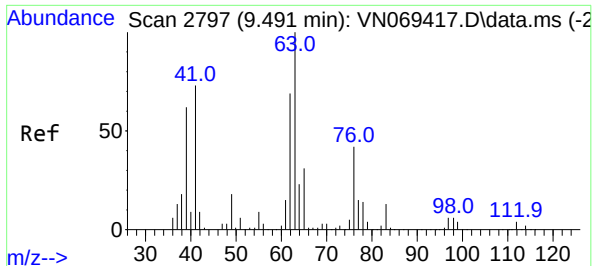
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 20.272 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion:130 Resp: 212239
Ion Ratio Lower Upper
130 100
95 103.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.834 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 63 Resp: 24350

Ion Ratio Lower Upper

63 100

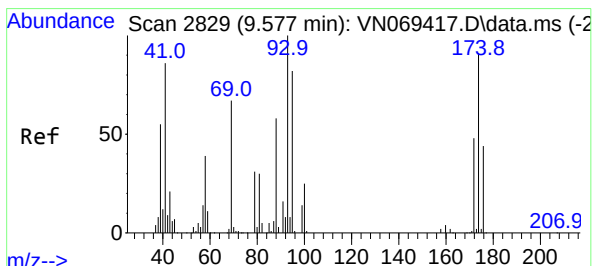
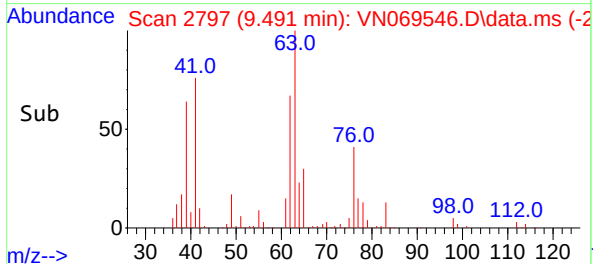
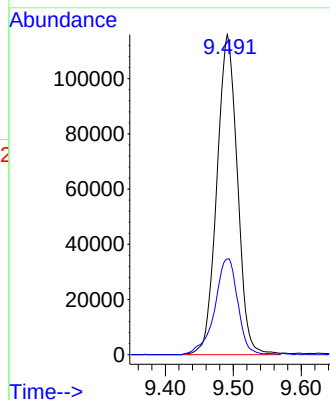
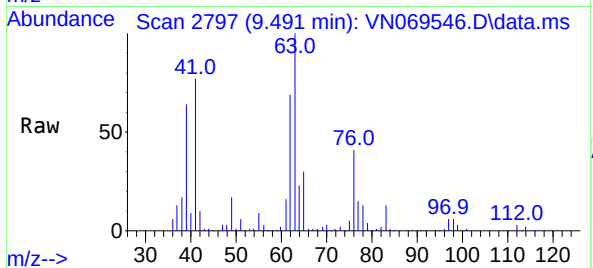
65 29.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 20.181 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069546.D

Acq: 18 Nov 2021 12:12

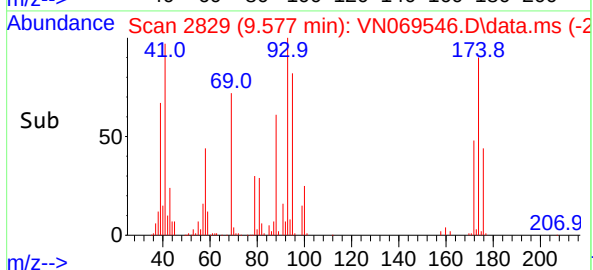
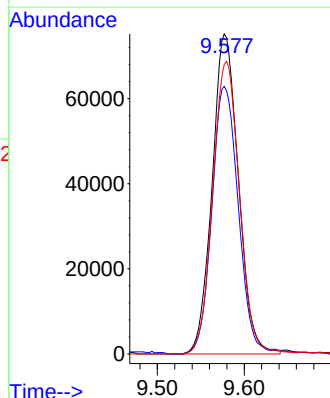
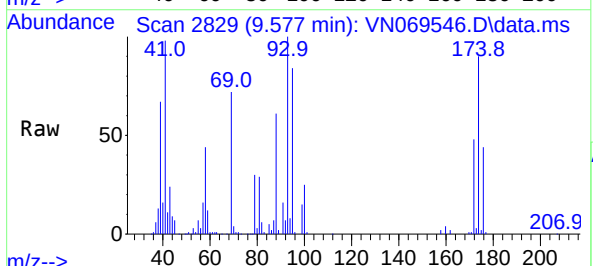
Tgt Ion: 93 Resp: 157989

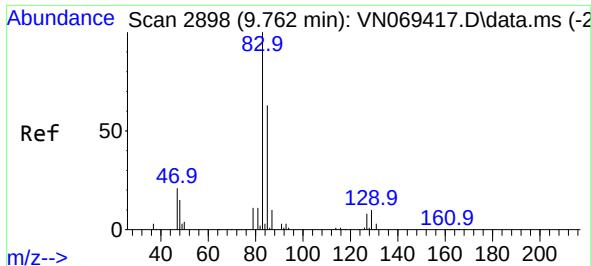
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

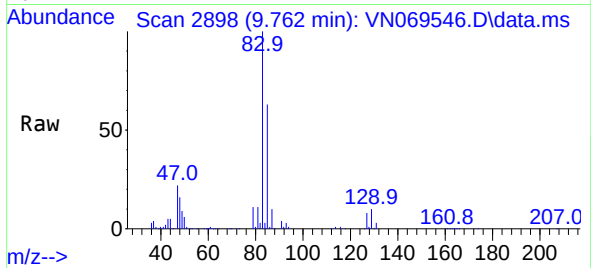
174 93.1 84.6 127.0





#47
Bromodichloromethane
Concen: 20.722 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

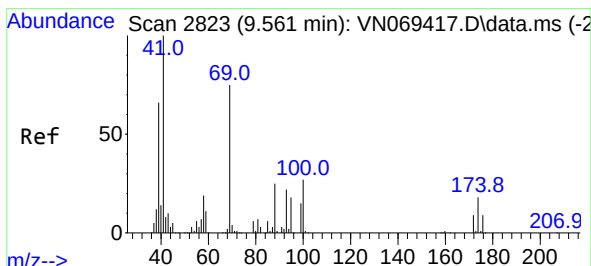
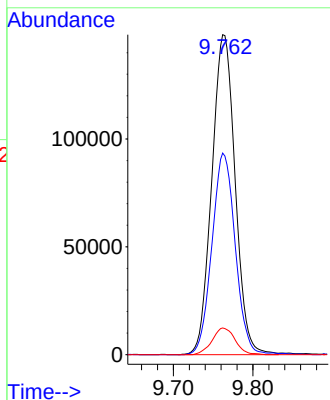
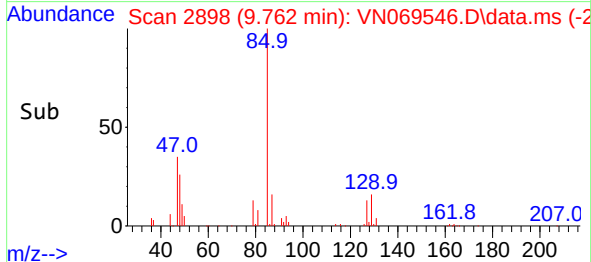
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



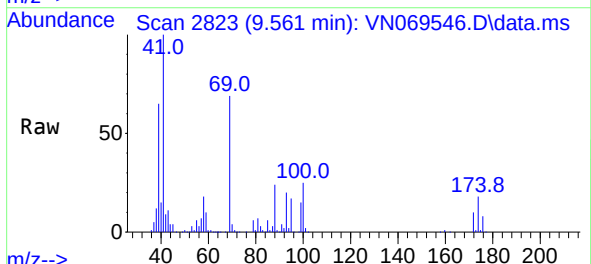
Tgt Ion: 83 Resp: 30272
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
APPROVED

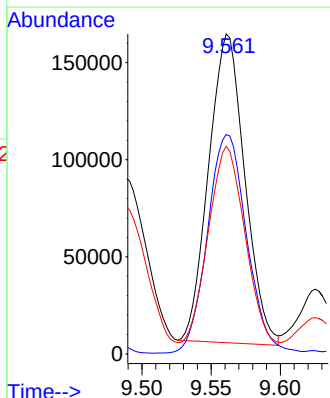
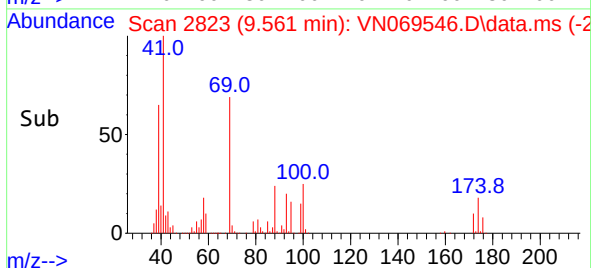
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

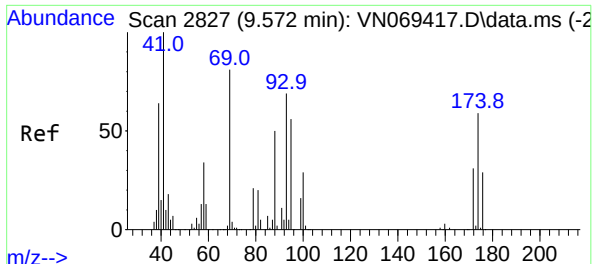


#48
Methyl methacrylate
Concen: 19.928 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



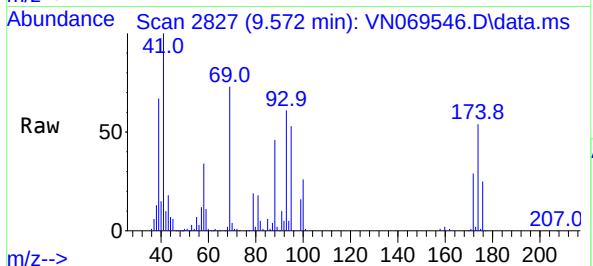
Tgt Ion: 41 Resp: 288517
Ion Ratio Lower Upper
41 100
69 76.7 72.4 108.6
39 71.2 58.4 87.6





#49
1,4-Dioxane
Concen: 404.979 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

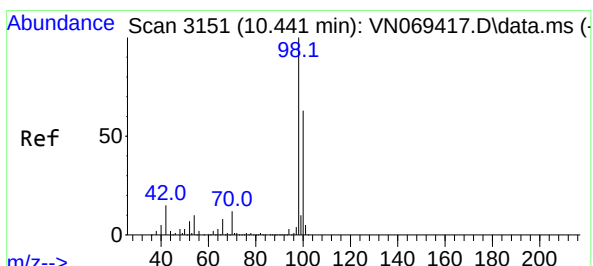
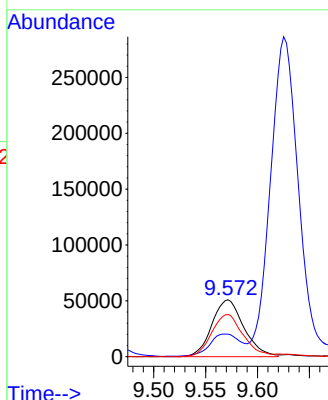
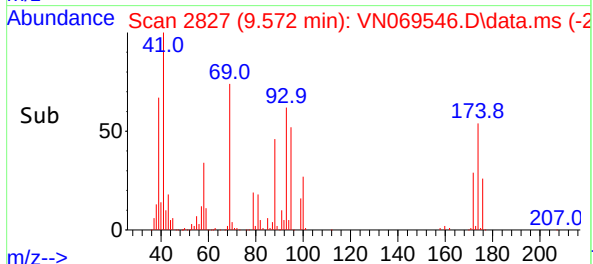
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 88 Resp: 109250
Ion Ratio Lower Upper
88 100
43 38.2 23.4 35.2
58 72.9 50.6 75.8

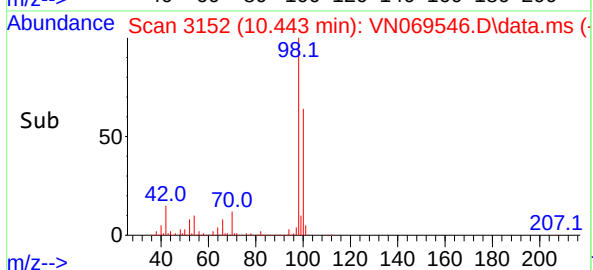
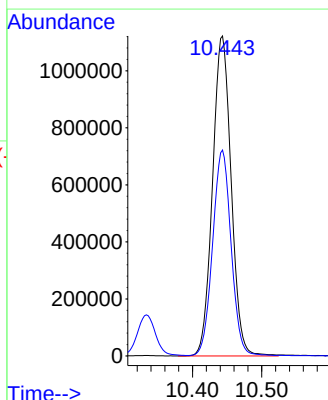
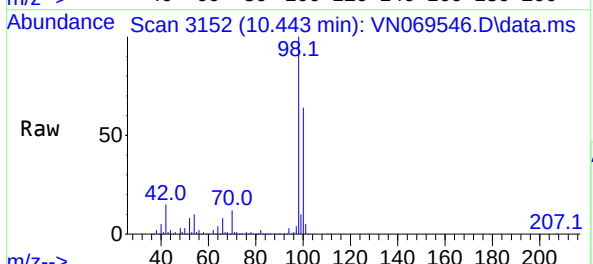
Manual Integrations
APPROVED

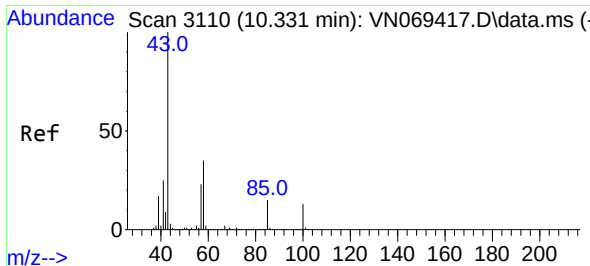
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion: 98 Resp: 2097532
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





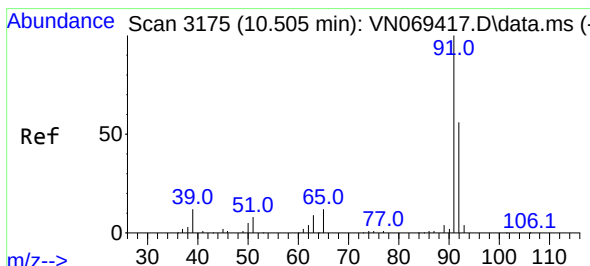
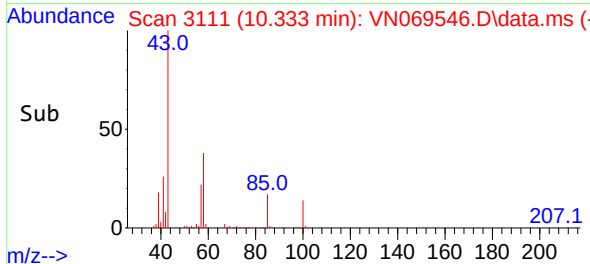
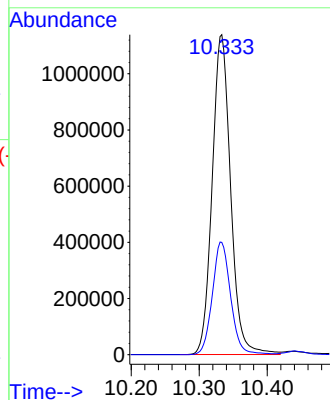
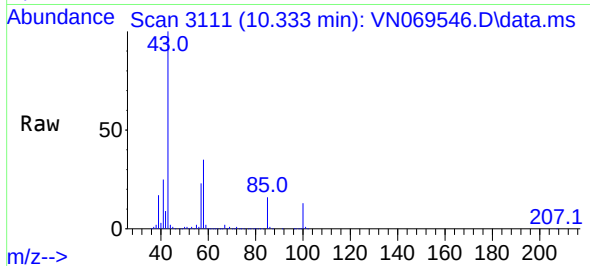
#51
4-Methyl-2-Pentanone
Concen: 108.147 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 43 Resp: 214810
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

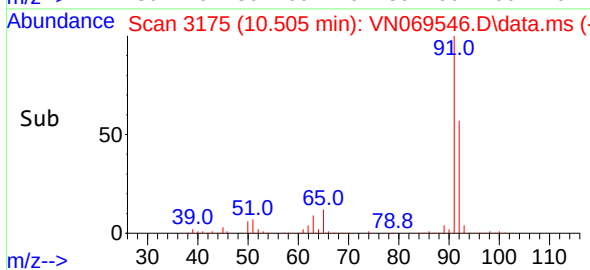
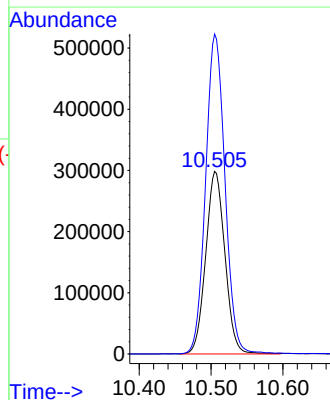
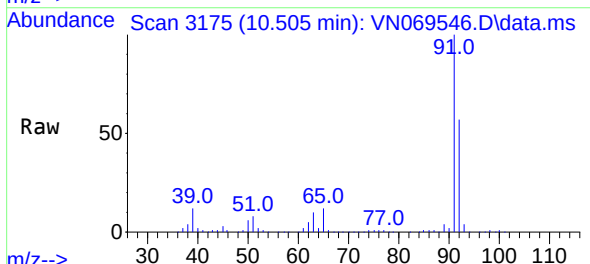
Manual Integrations
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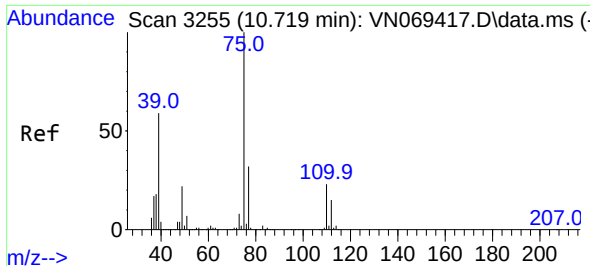
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Toluene
Concen: 20.371 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

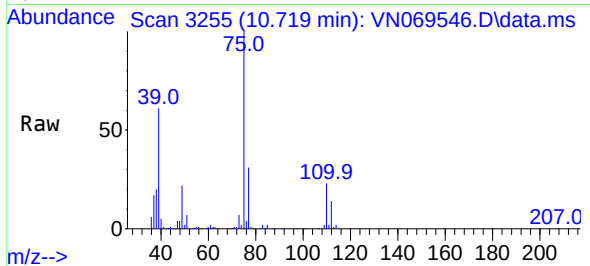
Tgt Ion: 92 Resp: 555160
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.435 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

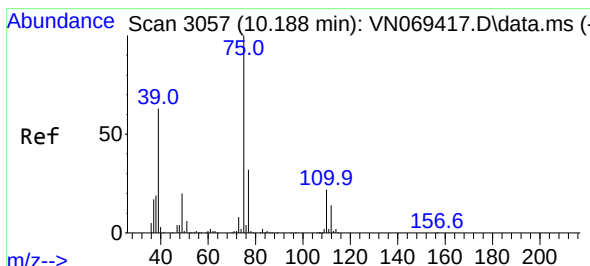
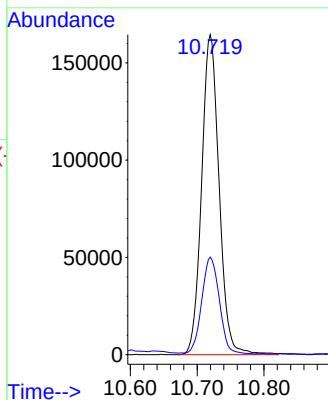
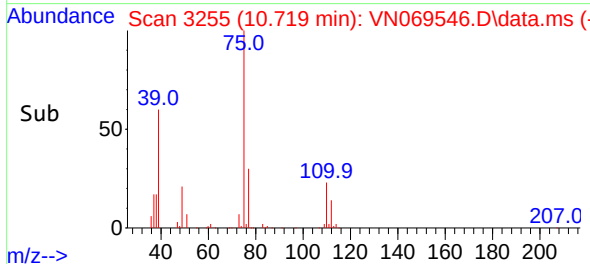
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



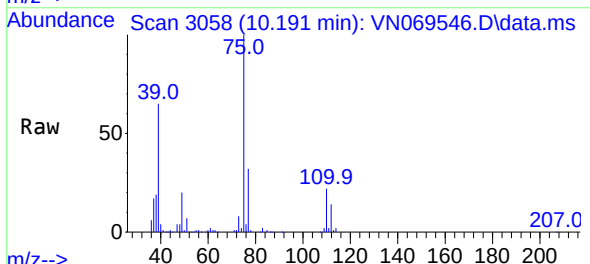
Tgt Ion: 75 Resp: 29955
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

Manual Integrations
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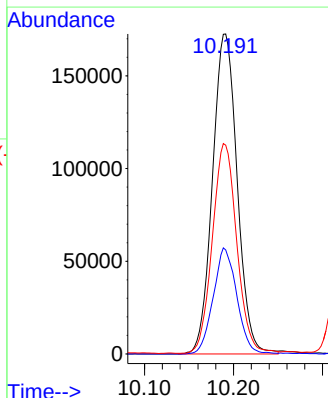
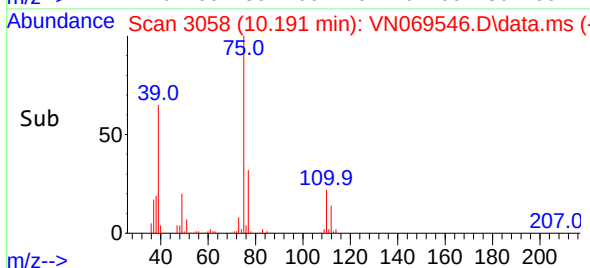
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

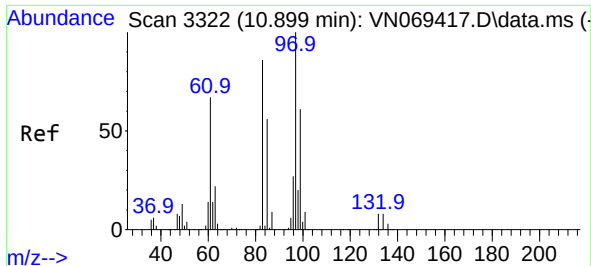


#54
cis-1,3-Dichloropropene
Concen: 18.719 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



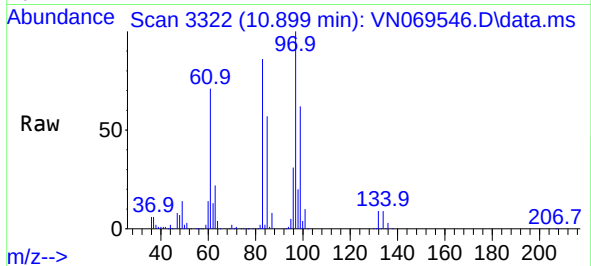
Tgt Ion: 75 Resp: 333045
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
39 65.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.217 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

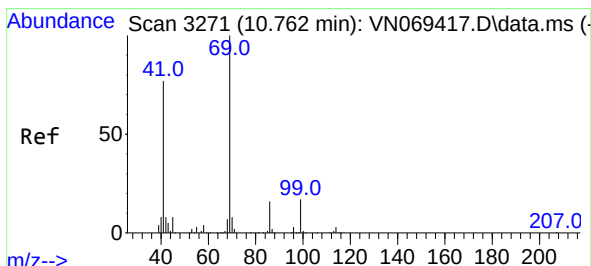
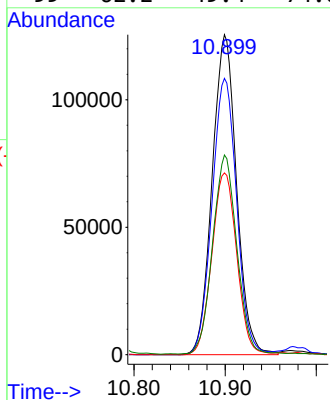
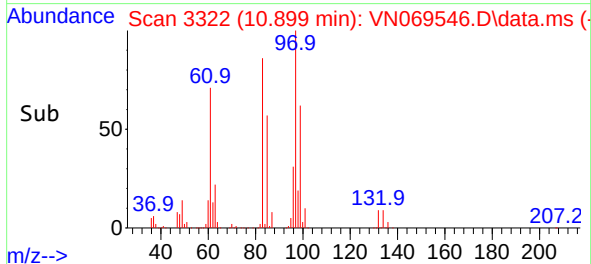


Tgt Ion: 97 Resp: 233092

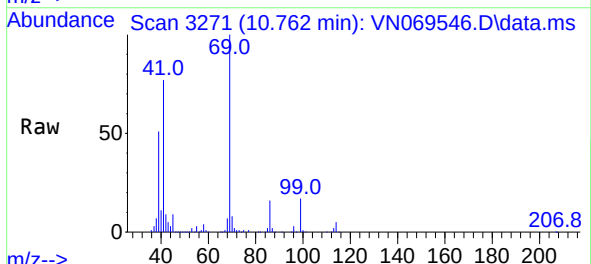
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.8	101.6
85	56.8	45.4	68.2
99	62.2	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

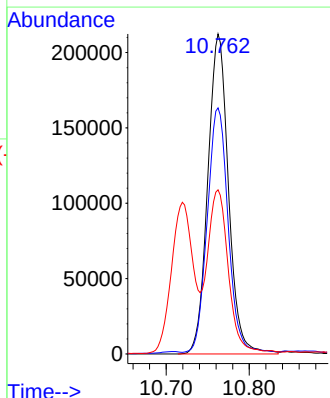
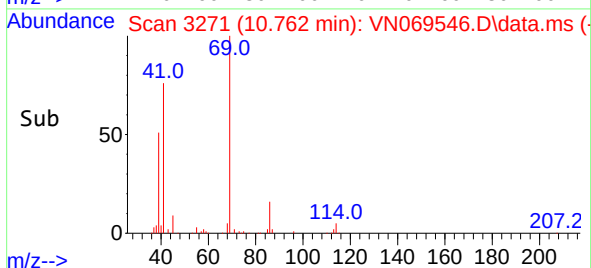


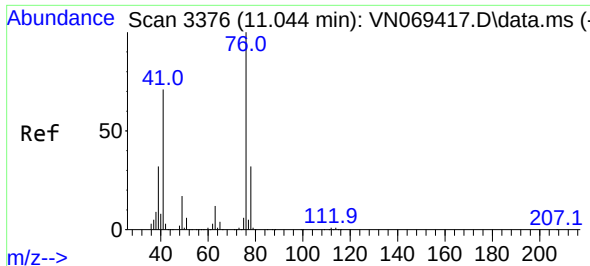
#56
Ethyl methacrylate
Concen: 19.037 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 69 Resp: 366685

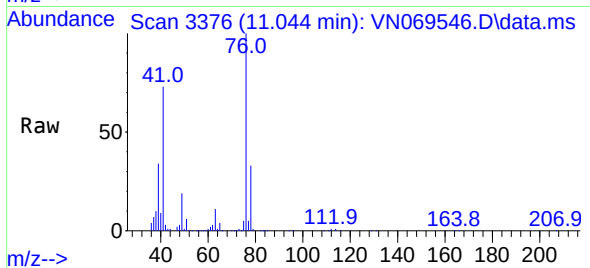
Ion	Ratio	Lower	Upper
69	100		
41	76.9	51.4	77.0
39	50.0	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.788 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

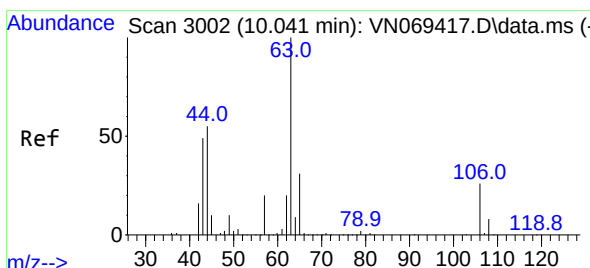
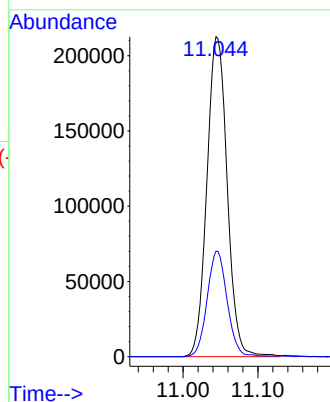
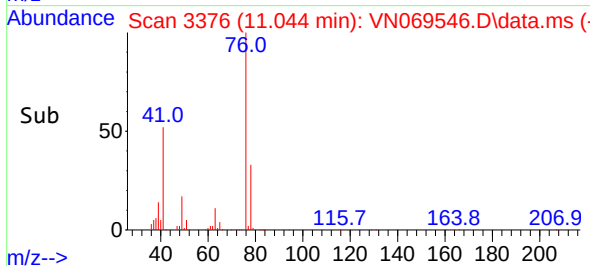
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



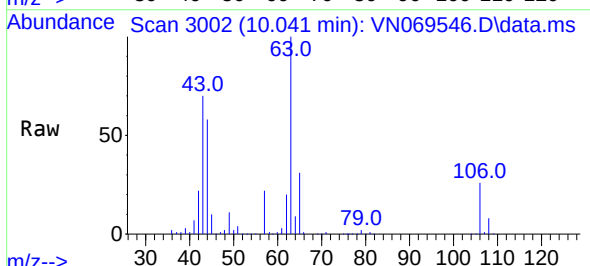
Tgt Ion: 76 Resp: 401290
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

Manual Integrations
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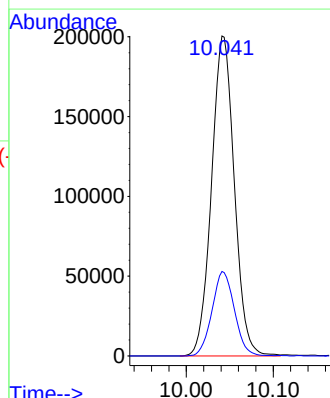
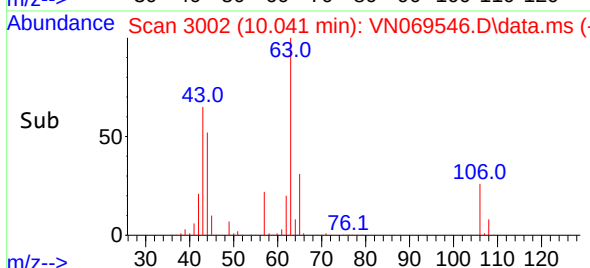
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

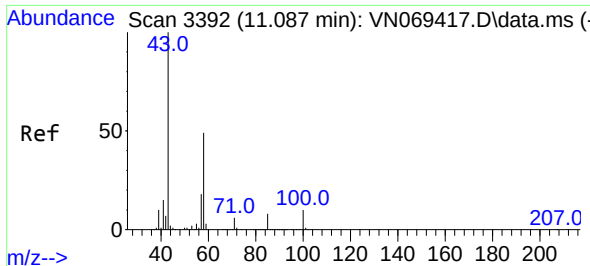


#58
2-Chloroethyl Vinyl ether
Concen: 85.074 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



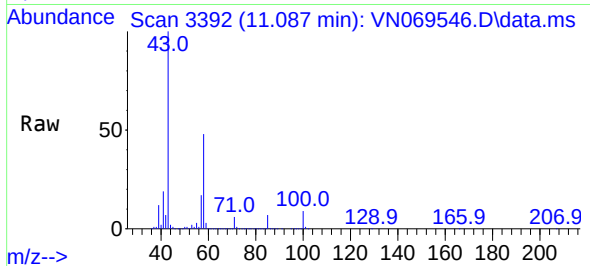
Tgt Ion: 63 Resp: 364902
Ion Ratio Lower Upper
63 100
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 99.385 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

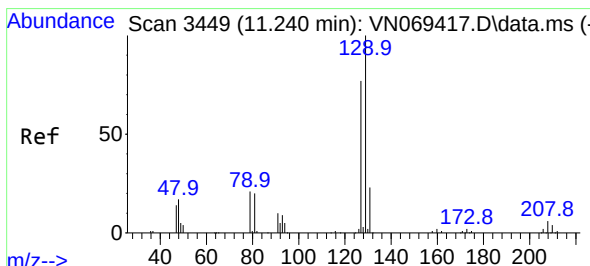
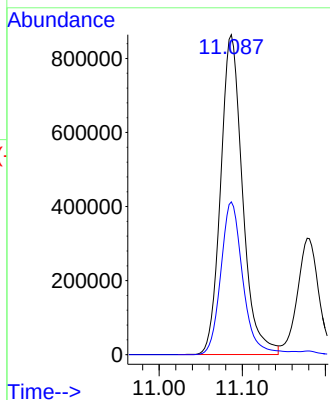
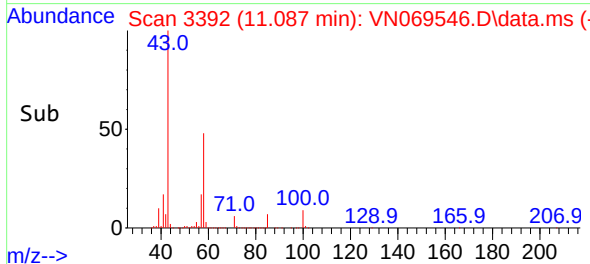
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 158390
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

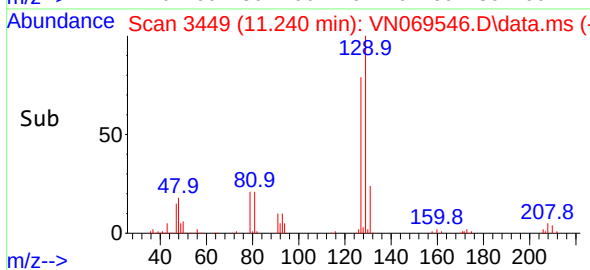
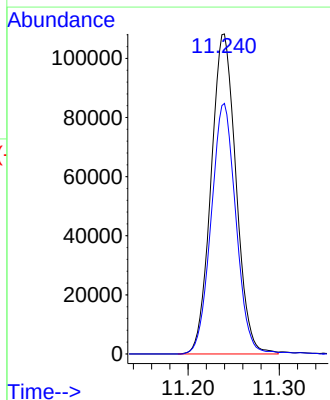
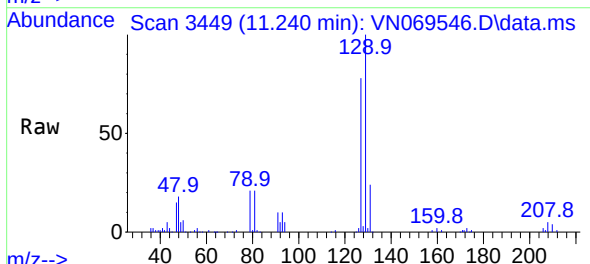
Manual Integrations
APPROVED

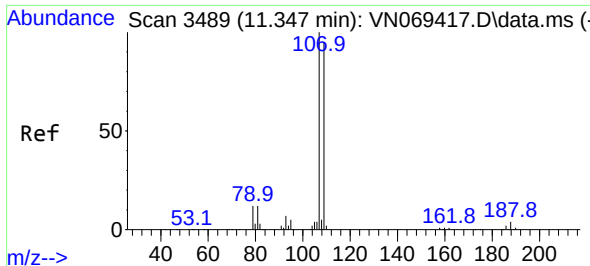
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 18.657 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

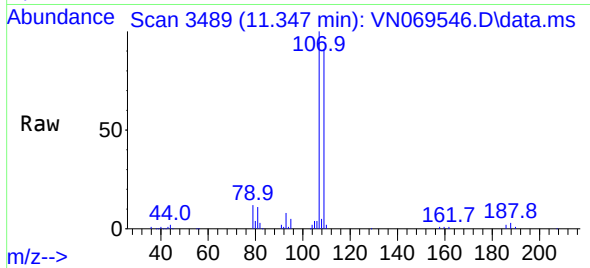
Tgt Ion:129 Resp: 205763
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.614 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

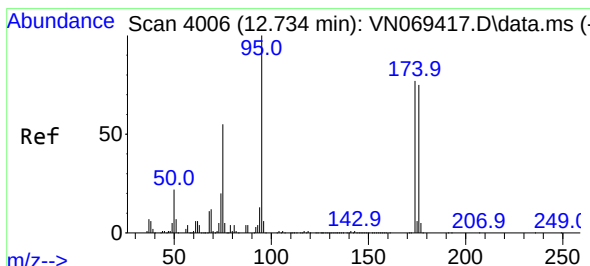
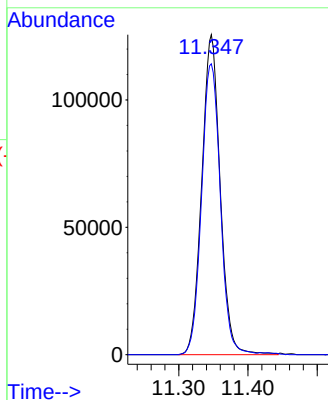
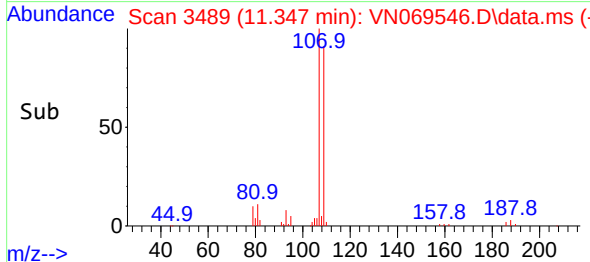
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



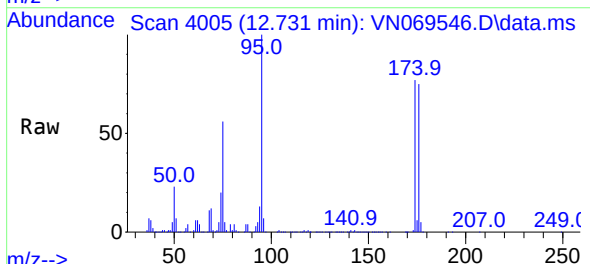
Tgt Ion:107 Resp: 23235
Ion Ratio Lower Upper
107 100
109 92.4 75.7 113.5

Manual Integrations
APPROVED

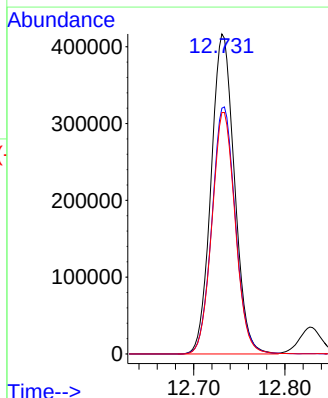
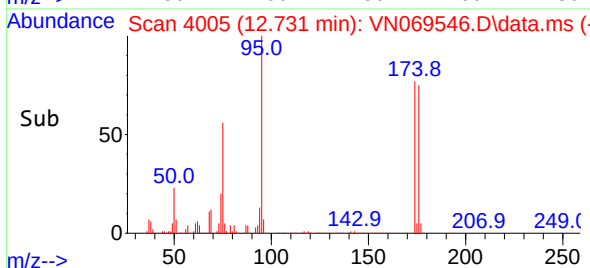
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

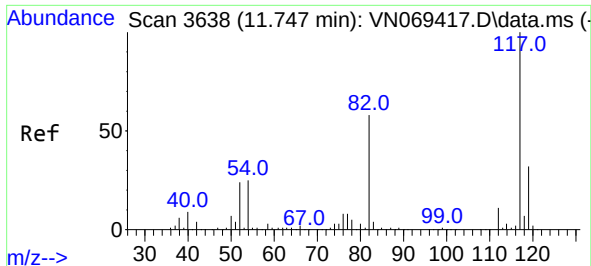


#62
4-Bromofluorobenzene
Concen: 50.798 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



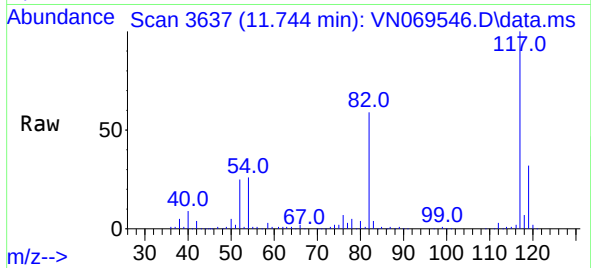
Tgt Ion: 95 Resp: 741420
Ion Ratio Lower Upper
95 100
174 77.6 0.0 187.2
176 75.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

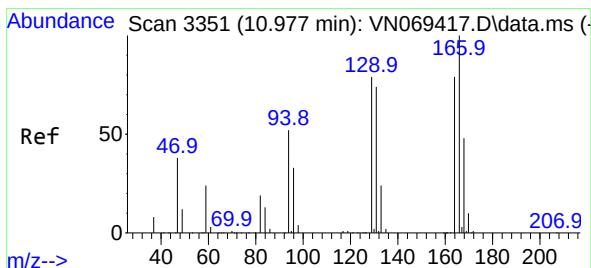
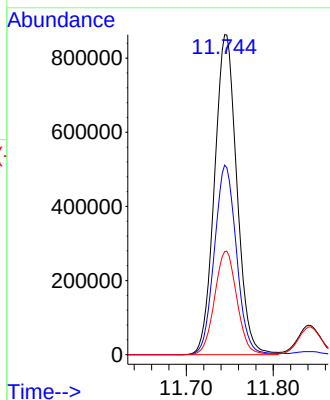
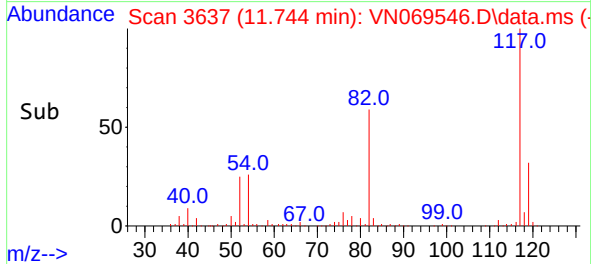
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



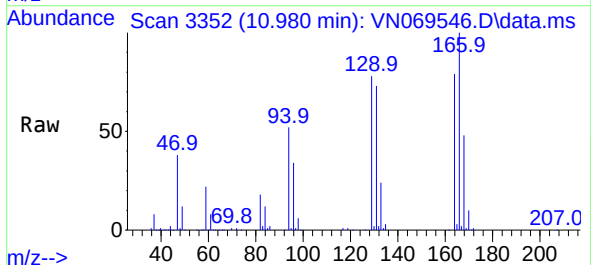
Tgt Ion:117 Resp: 1541872
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

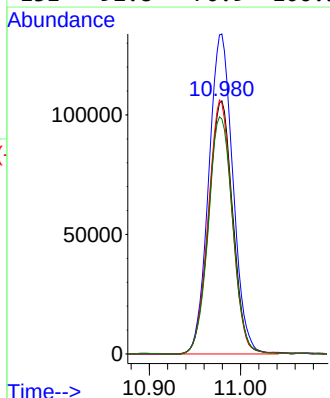
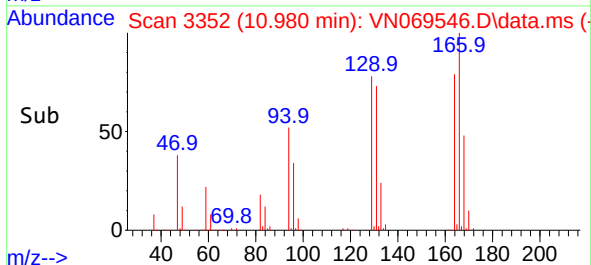
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

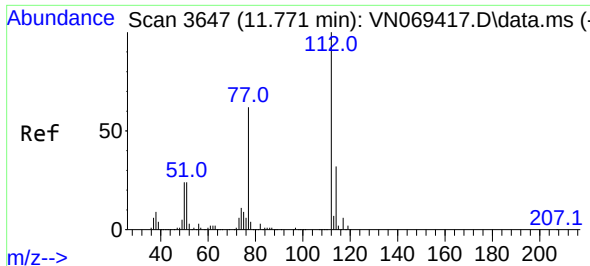


#64
Tetrachloroethene
Concen: 20.875 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



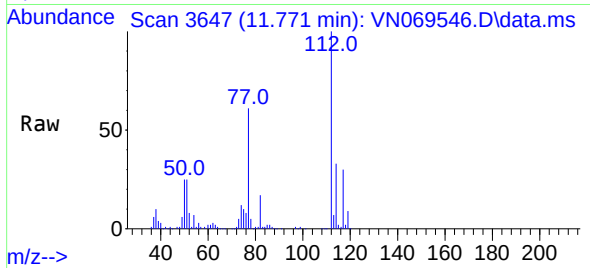
Tgt Ion:164 Resp: 194346
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 99.1 72.0 108.0
131 92.8 70.9 106.3





#65
Chlorobenzene
Concen: 20.735 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

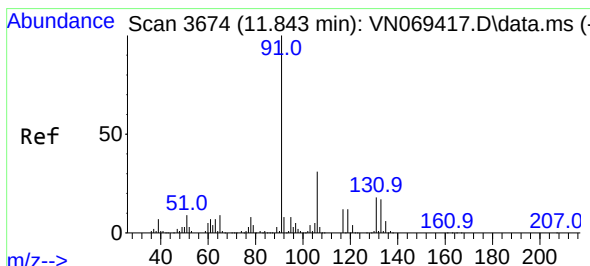
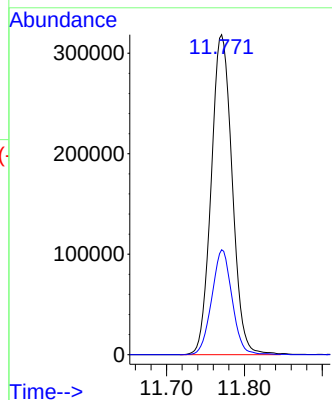
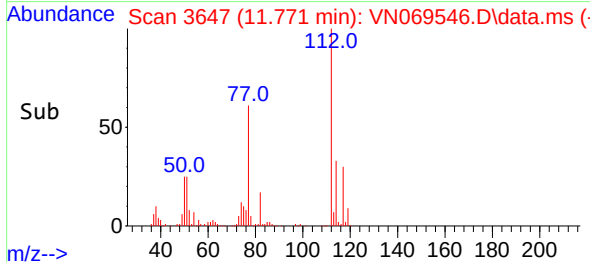
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



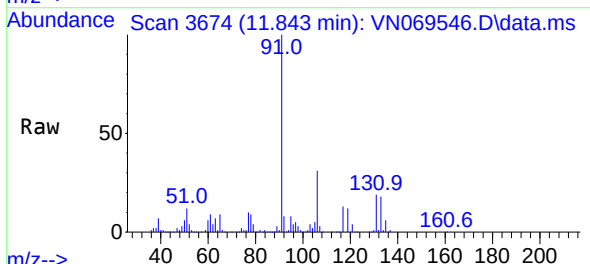
Tgt Ion:112 Resp: 595073
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0

Manual Integrations
APPROVED

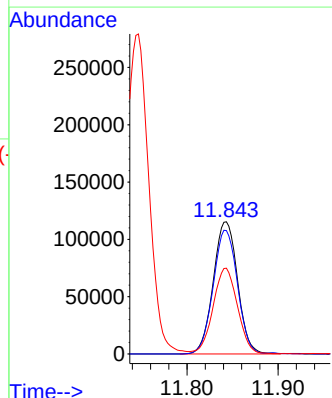
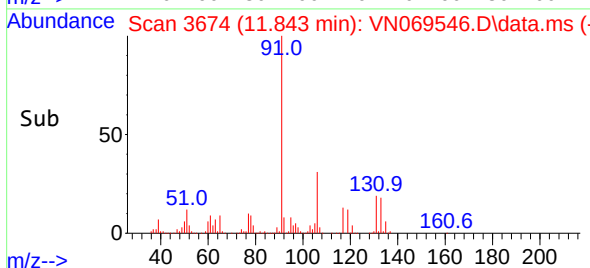
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

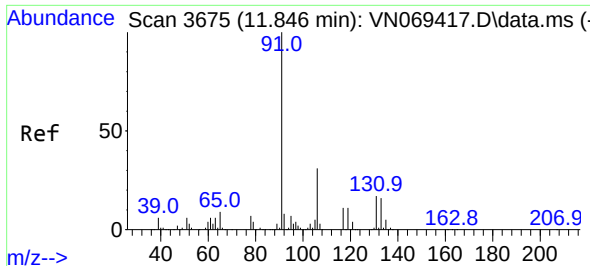


#66
1,1,1,2-Tetrachloroethane
Concen: 21.461 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



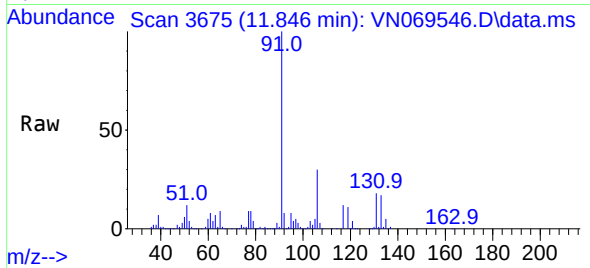
Tgt Ion:131 Resp: 213634
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.7
119 65.6 32.1 96.5





#67
Ethyl Benzene
Concen: 20.437 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

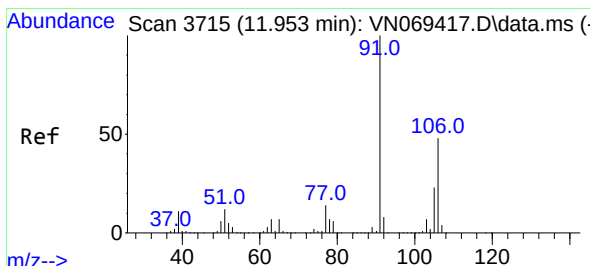
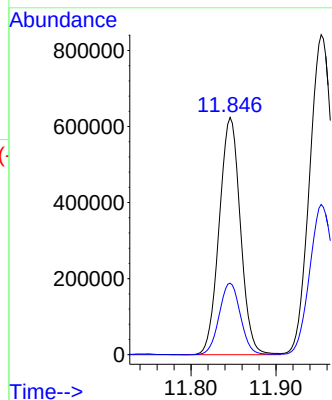
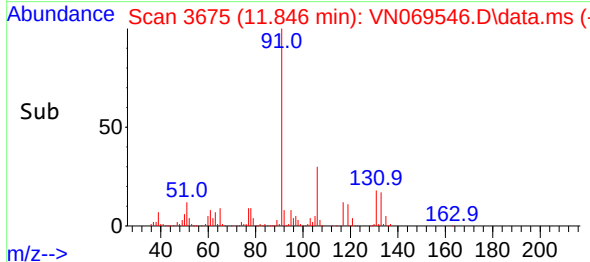
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



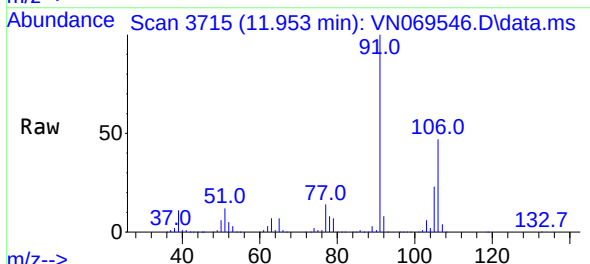
Tgt Ion: 91 Resp: 1081752
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

Manual Integrations
APPROVED

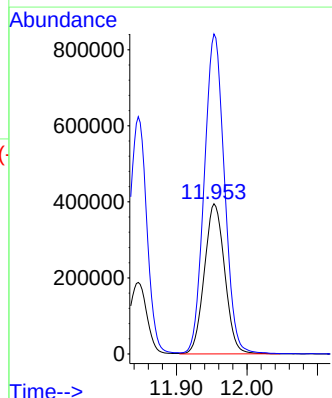
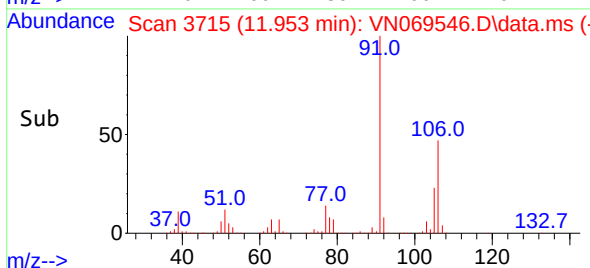
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

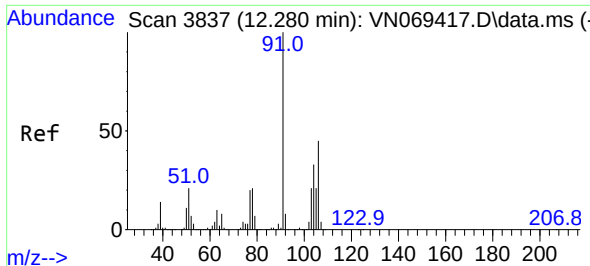


#68
m/p-Xylenes
Concen: 40.668 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion:106 Resp: 791707
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8





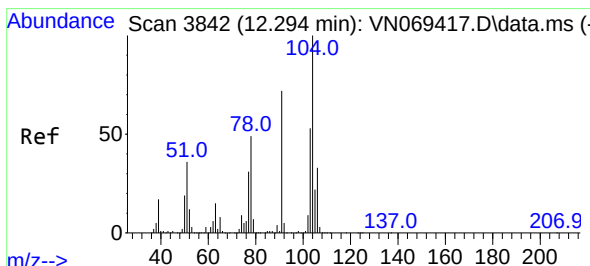
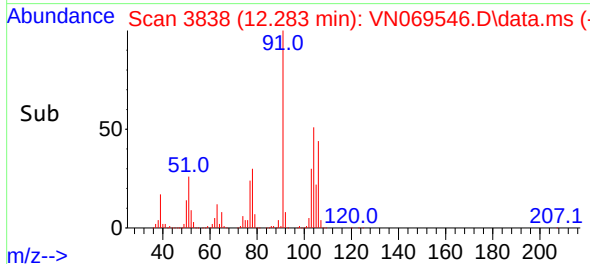
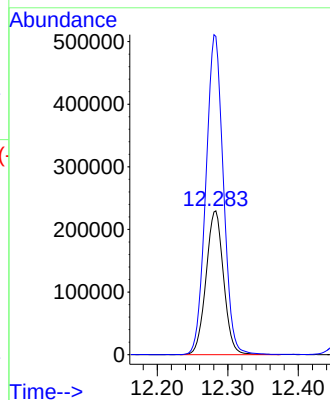
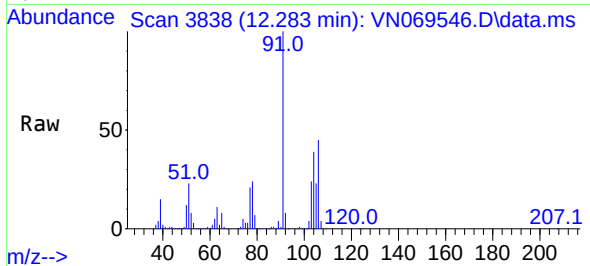
#69
o-Xylene
Concen: 20.446 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:106 Resp: 396800
Ion Ratio Lower Upper
106 100
91 222.1 105.8 317.3

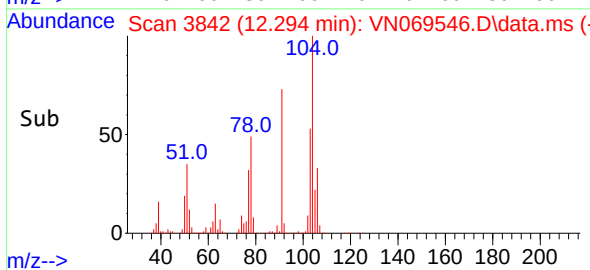
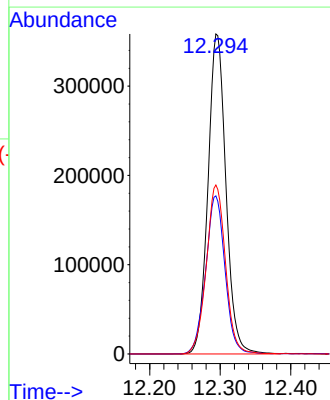
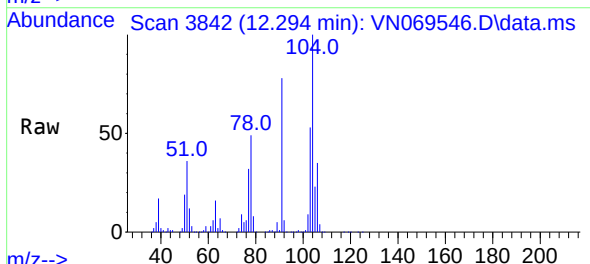
Manual Integrations
APPROVED

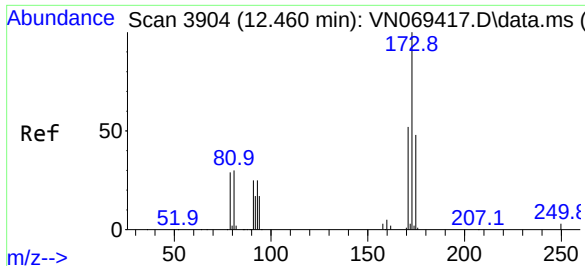
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 19.198 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion:104 Resp: 635303
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 56.3 45.0 67.6





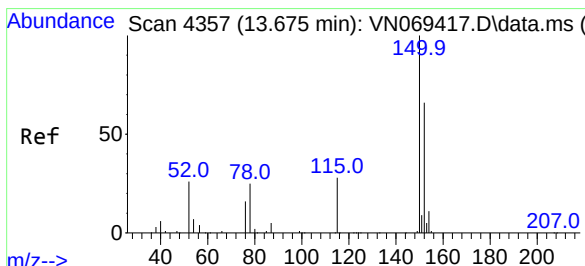
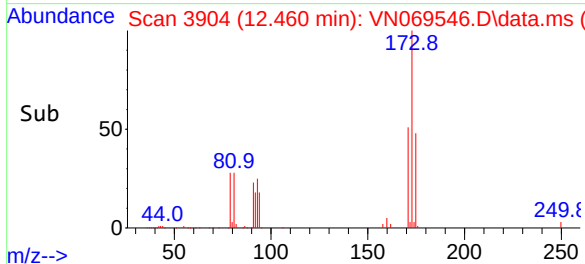
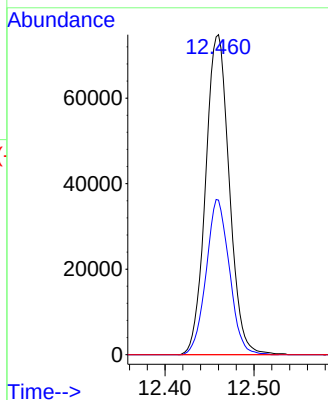
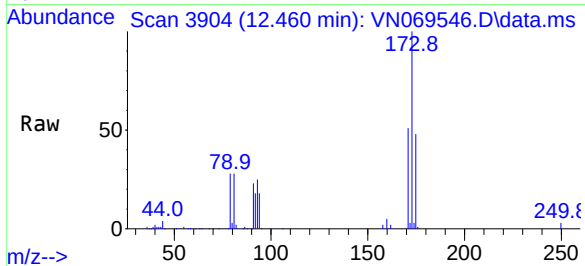
#71
Bromoform
Concen: 18.331 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:173 Resp: 138294
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.0 0.0 0.0

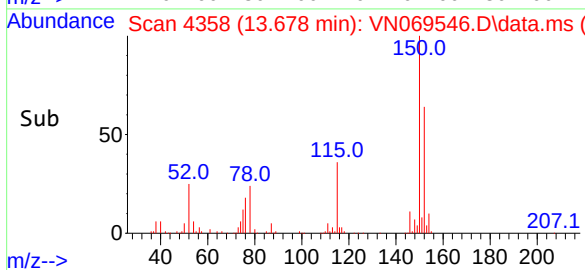
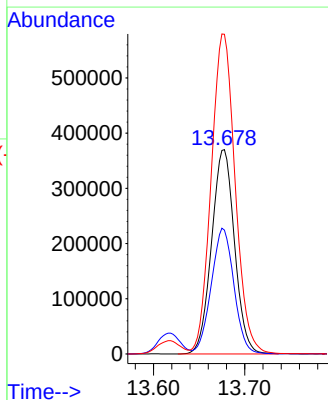
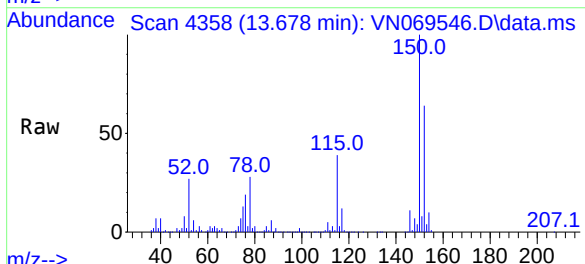
Manual Integrations
APPROVED

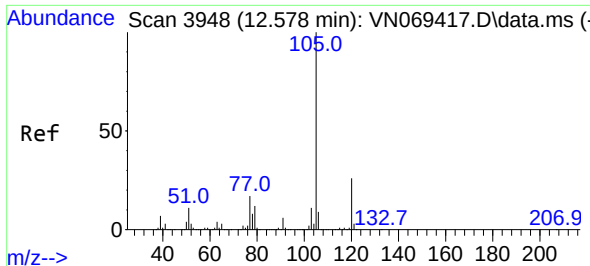
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

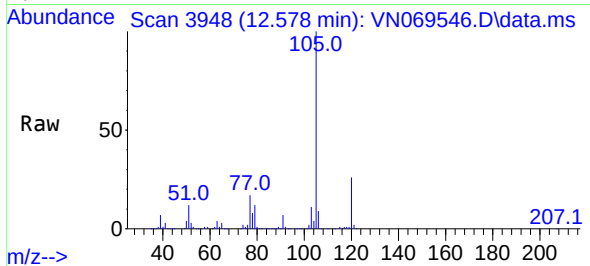
Tgt Ion:152 Resp: 647772
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 163.5 0.0 344.4





#73
Isopropylbenzene
Concen: 20.360 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

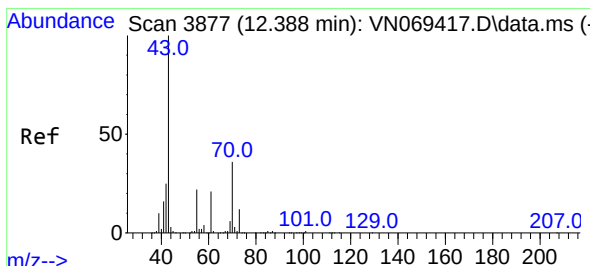
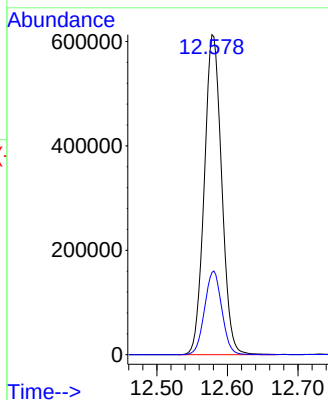
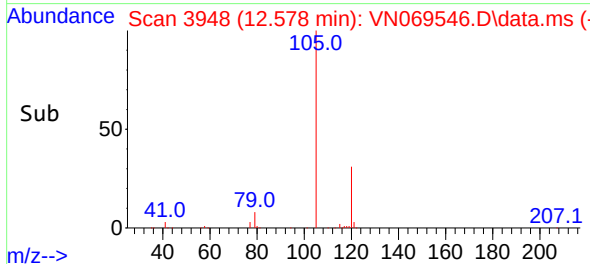
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



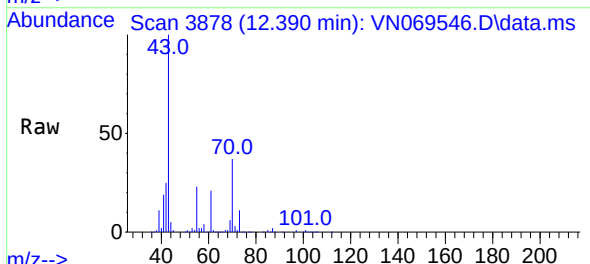
Tgt Ion:105 Resp: 1050080
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

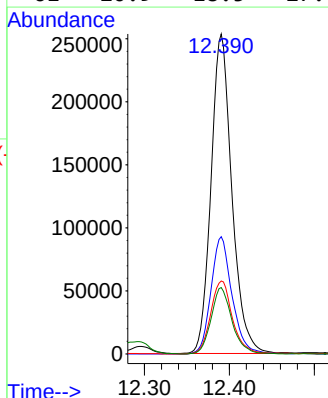
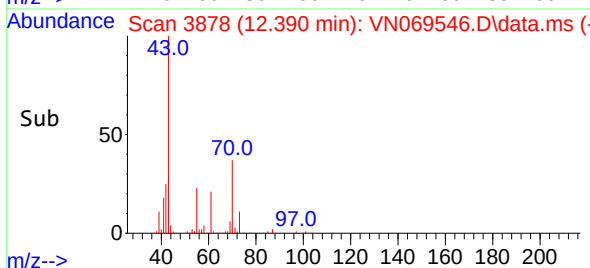
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

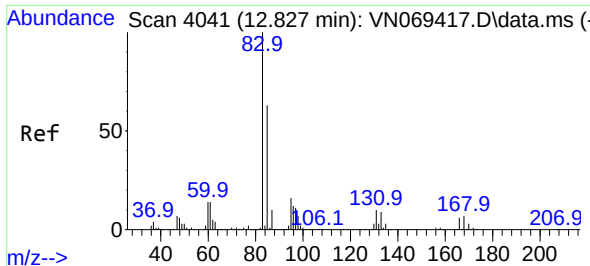


#74
N-ethyl acetate
Concen: 19.754 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



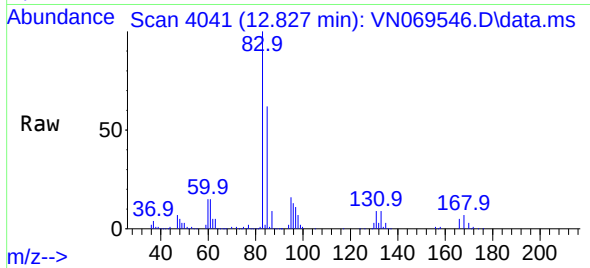
Tgt Ion: 43 Resp: 431779
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 24.0 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.438 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

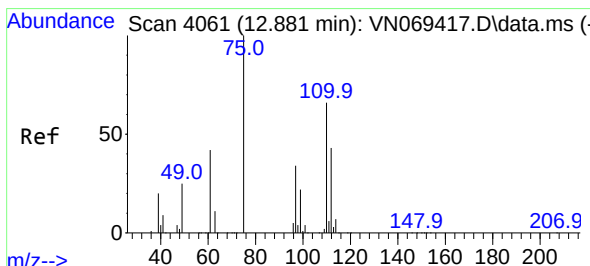
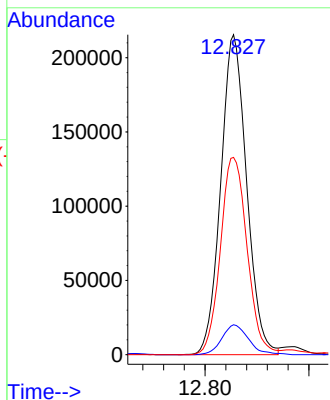
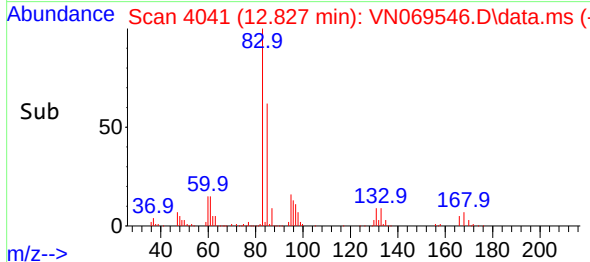
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



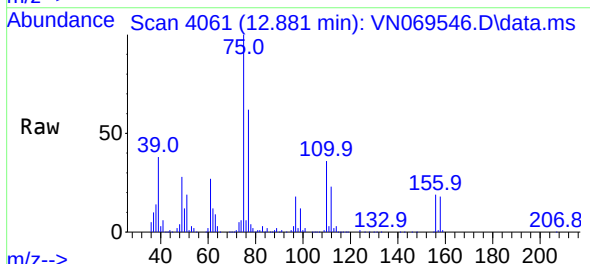
Tgt Ion: 83 Resp: 372925
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
APPROVED

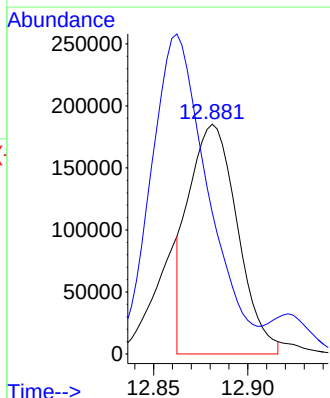
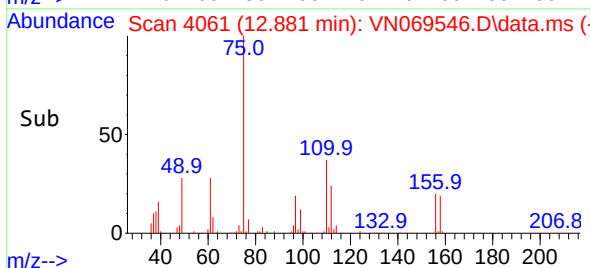
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

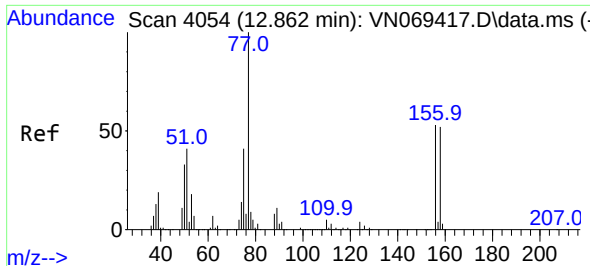


#76
1,2,3-Trichloropropane
Concen: 22.207 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



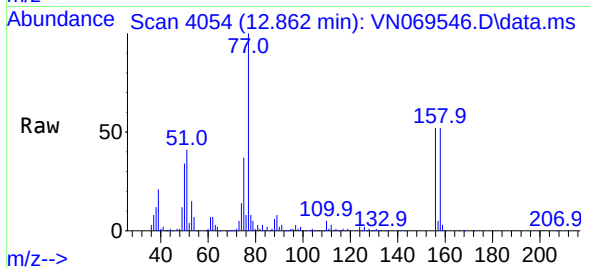
Tgt Ion: 75 Resp: 331975
Ion Ratio Lower Upper
75 100
77 163.6 82.6 247.8





#77
Bromobenzene
Concen: 20.396 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

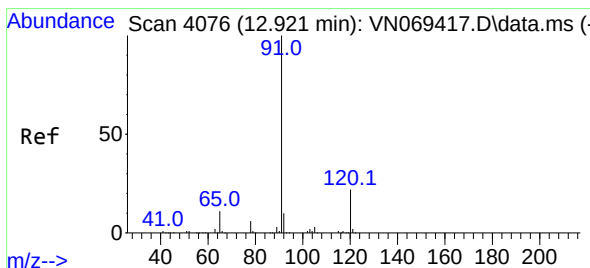
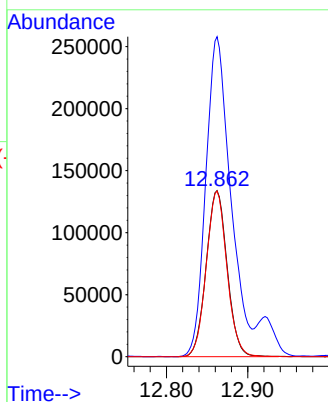
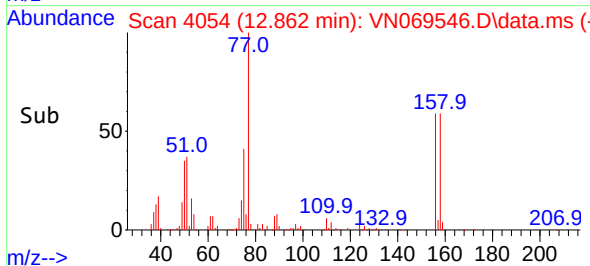
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



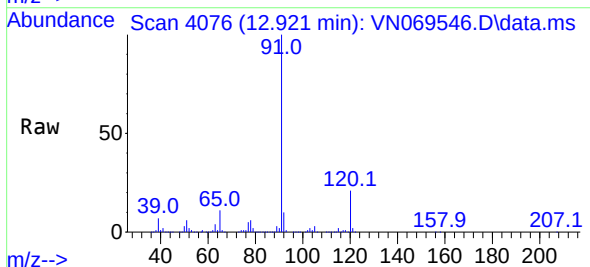
Tgt Ion:156 Resp: 240584
Ion Ratio Lower Upper
156 100
77 225.8 90.6 271.8
158 98.4 48.9 146.7

Manual Integrations
APPROVED

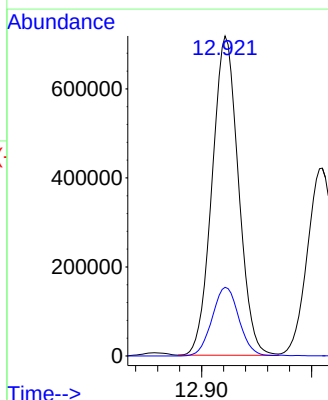
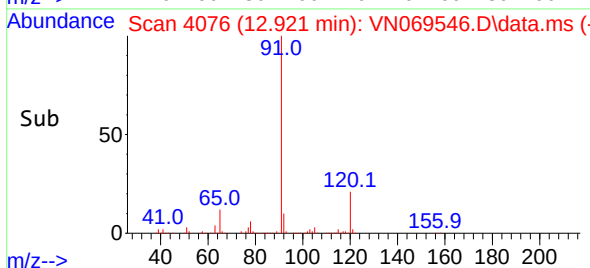
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

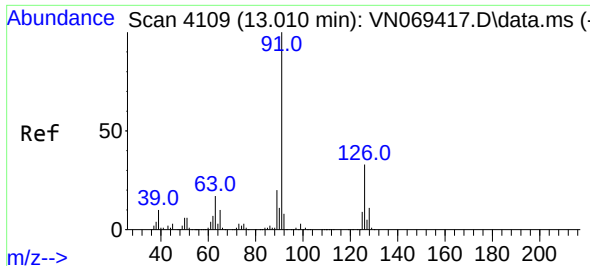


#78
n-propylbenzene
Concen: 20.546 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion: 91 Resp: 1192406
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





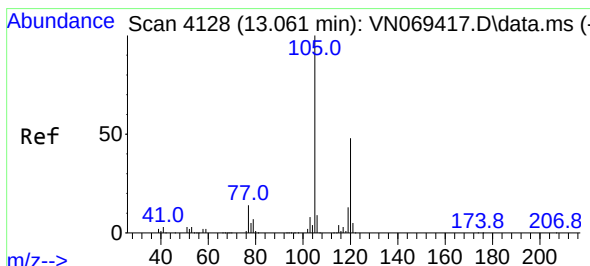
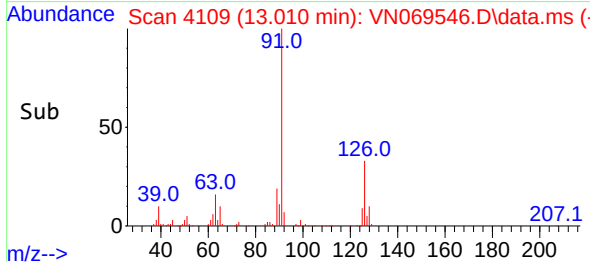
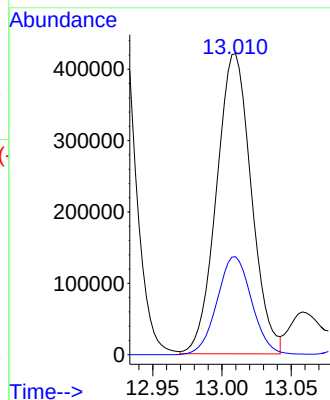
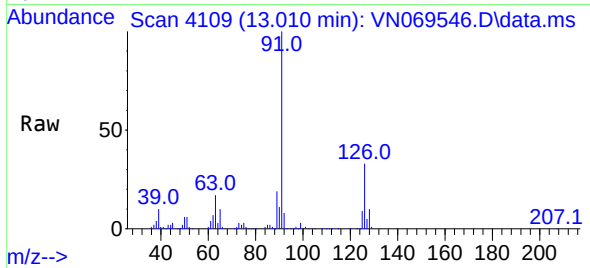
#79
2-Chlorotoluene
Concen: 20.500 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 73664
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

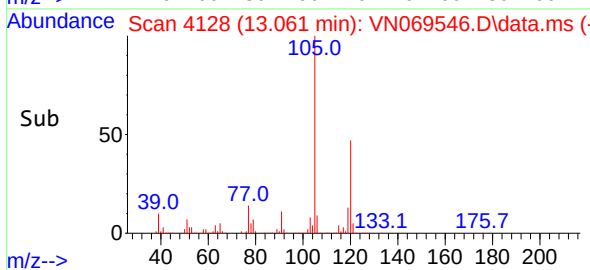
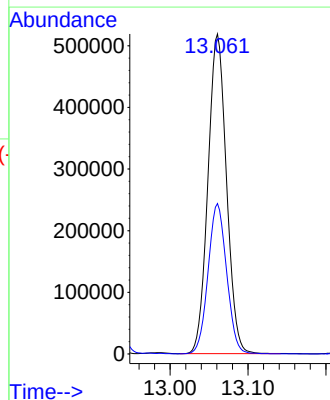
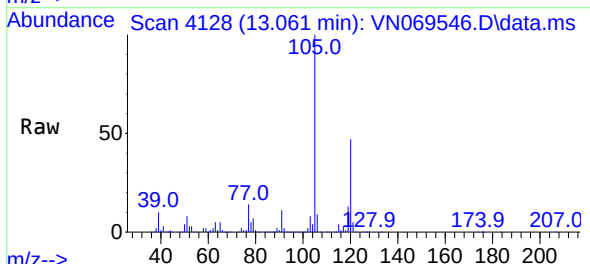
Manual Integrations
APPROVED

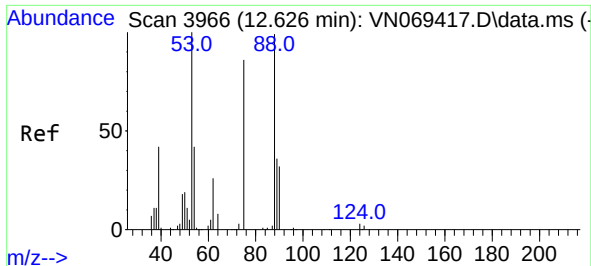
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.578 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion:105 Resp: 858023
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





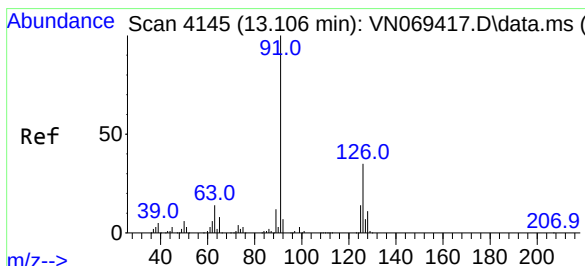
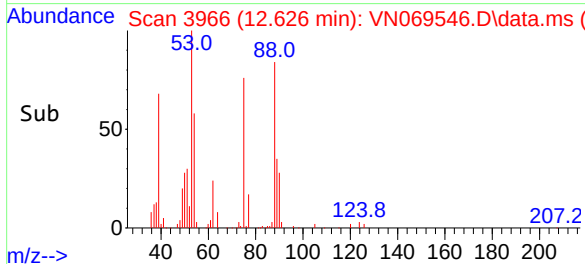
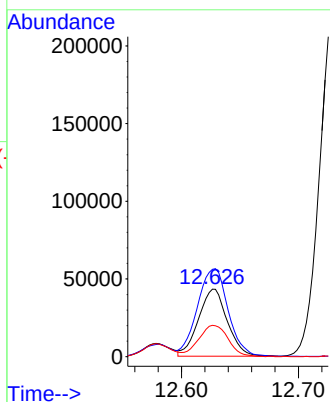
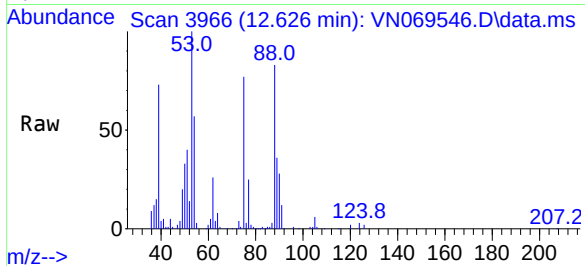
#81
trans-1,4-Dichloro-2-butene
Concen: 18.858 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 75 Resp: 7423
Ion Ratio Lower Upper
75 100
53 140.1 90.5 135.7
89 47.9 38.2 57.4

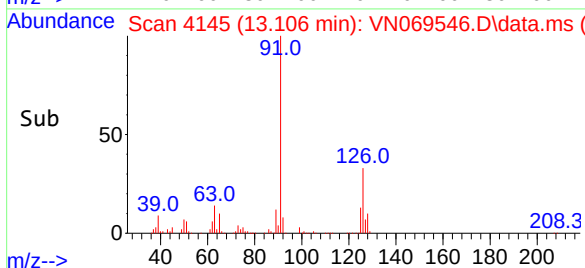
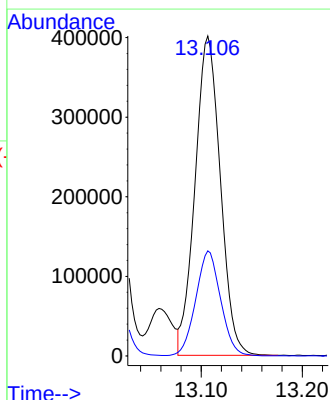
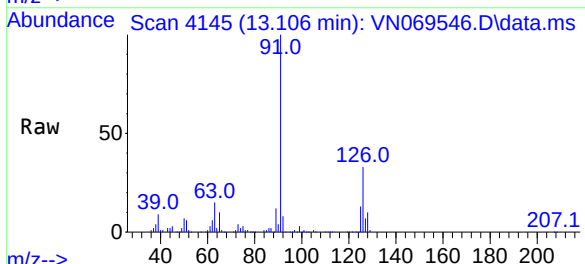
Manual Integrations
APPROVED

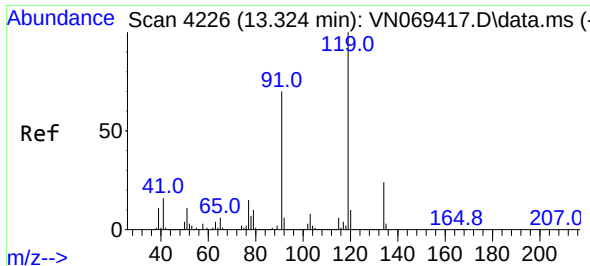
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#82
4-Chlorotoluene
Concen: 20.359 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

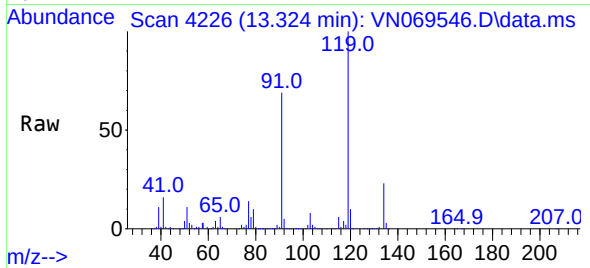
Tgt Ion: 91 Resp: 697398
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.933 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

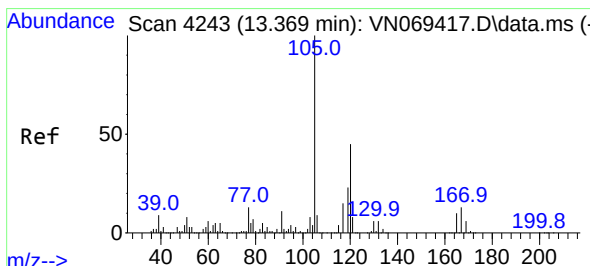
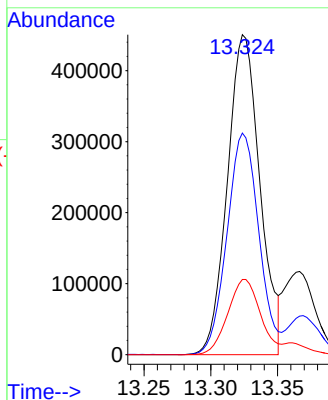
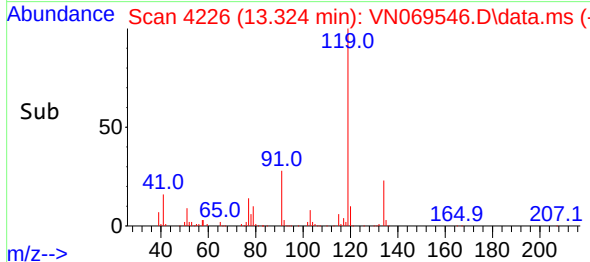
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



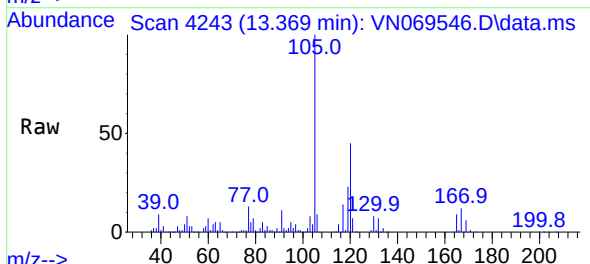
Tgt Ion:119 Resp: 76485
Ion Ratio Lower Upper
119 100
91 68.3 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
APPROVED

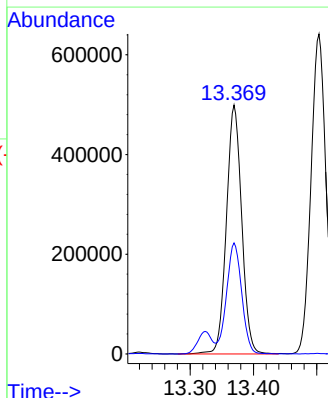
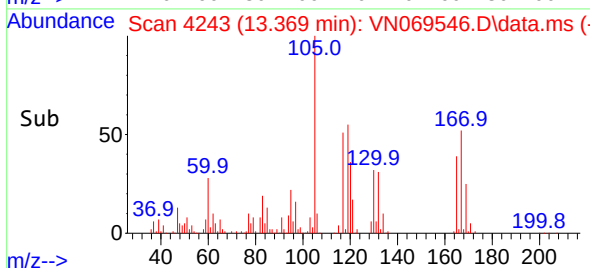
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

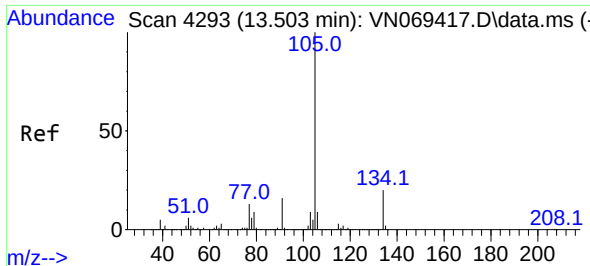


#84
1,2,4-Trimethylbenzene
Concen: 20.773 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



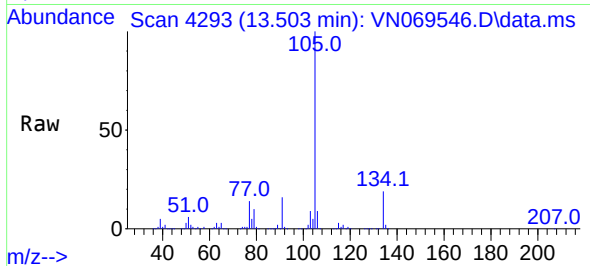
Tgt Ion:105 Resp: 836149
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.656 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12

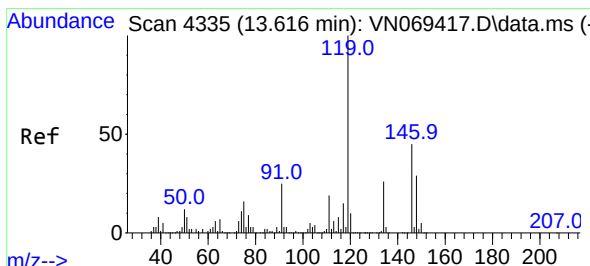
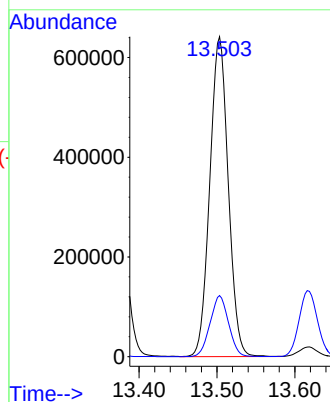
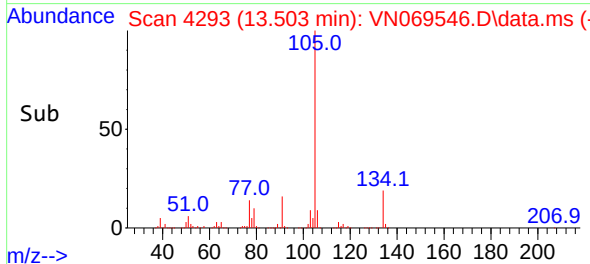
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



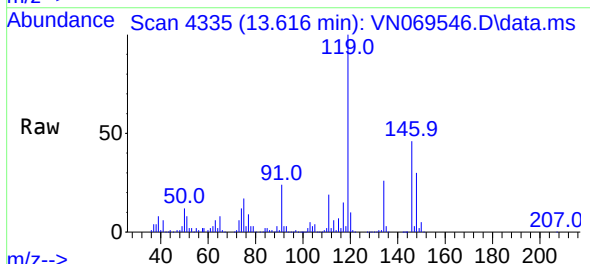
Tgt Ion:105 Resp: 105428
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
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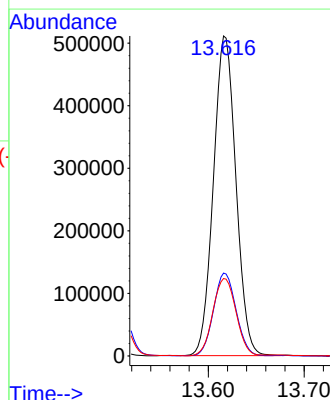
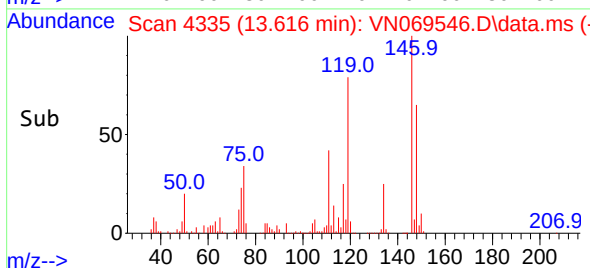
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021

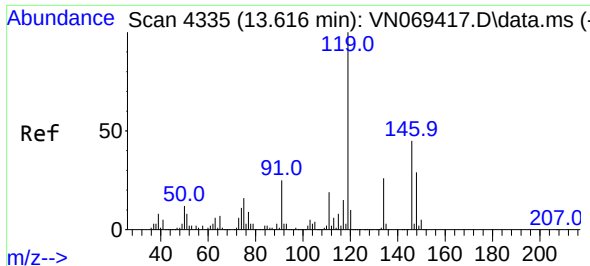


#86
 p-Isopropyltoluene
 Concen: 20.512 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069546.D
 Acq: 18 Nov 2021 12:12



Tgt Ion:119 Resp: 831095
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.0 11.4 34.1





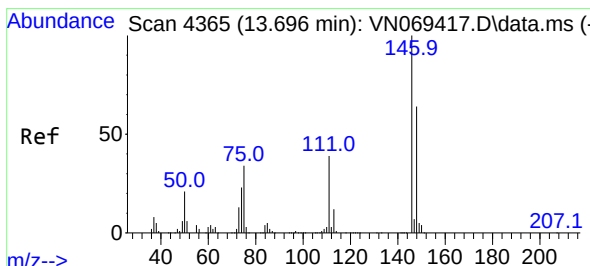
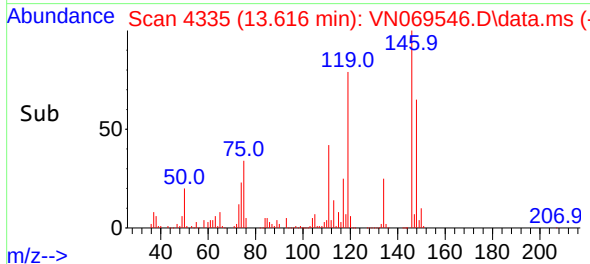
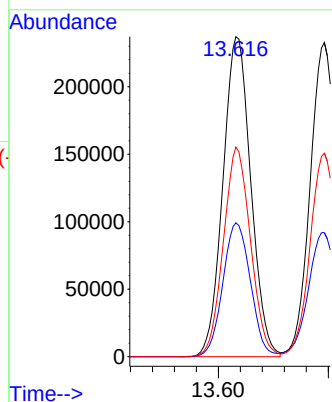
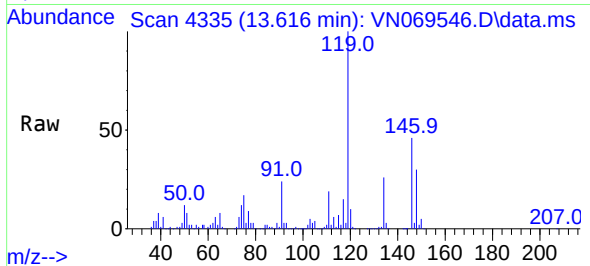
#87
1,3-Dichlorobenzene
Concen: 20.431 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:146 Resp: 417832
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.8 31.6 95.0

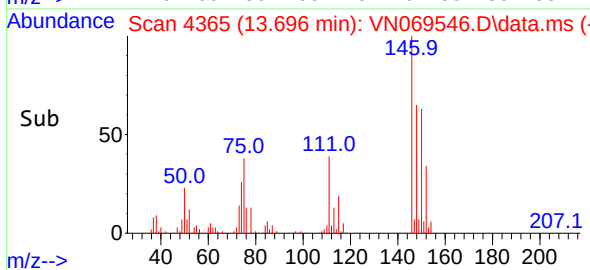
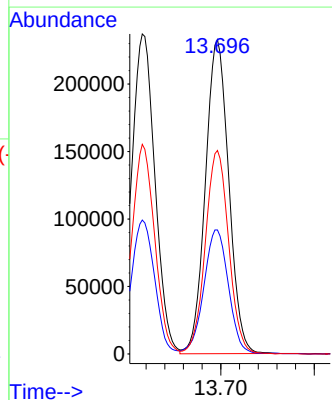
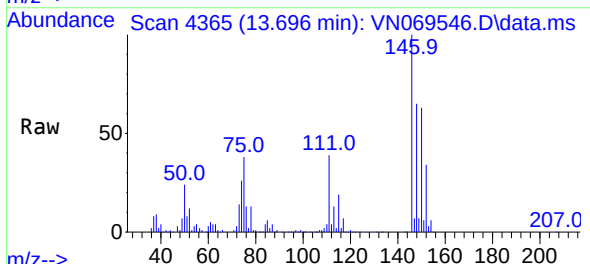
Manual Integrations
APPROVED

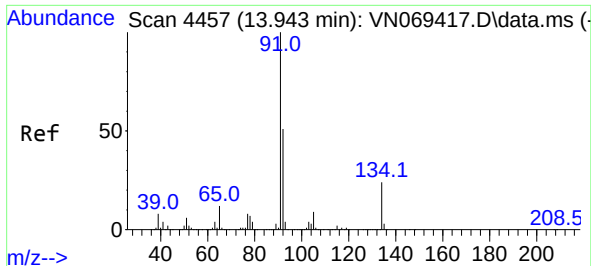
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#88
1,4-Dichlorobenzene
Concen: 20.136 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Tgt Ion:146 Resp: 403968
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 65.1 31.8 95.4





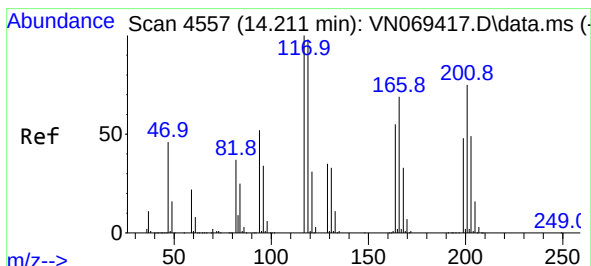
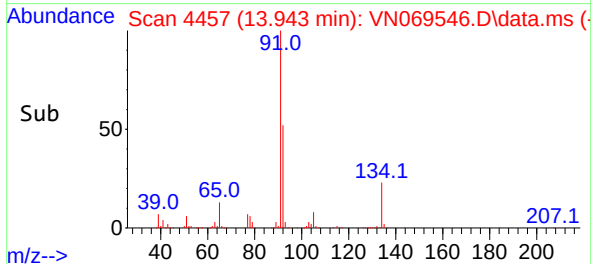
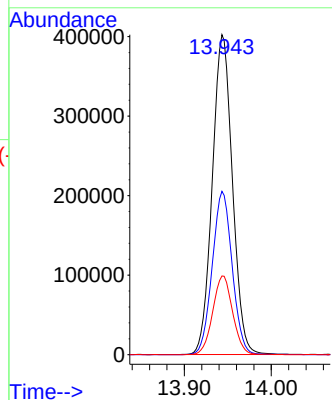
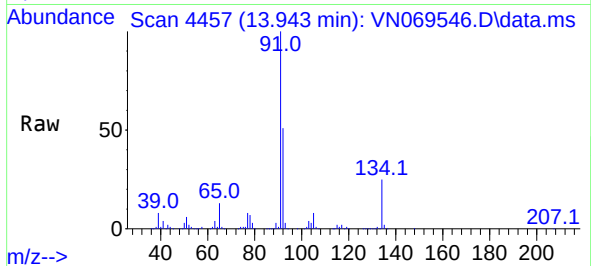
#89
n-Butylbenzene
Concen: 19.140 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 646722
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 24.4 13.6 40.8

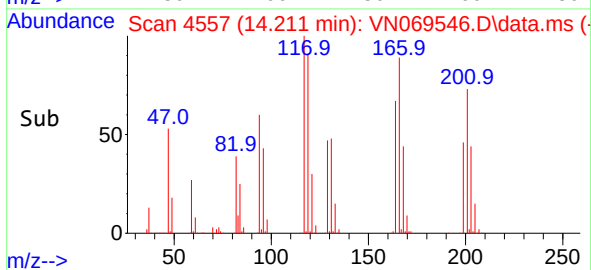
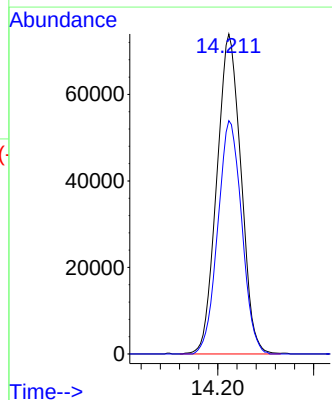
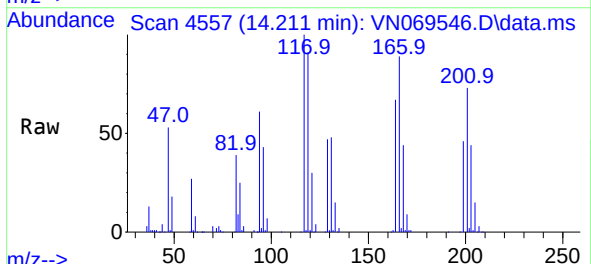
Manual Integrations
APPROVED

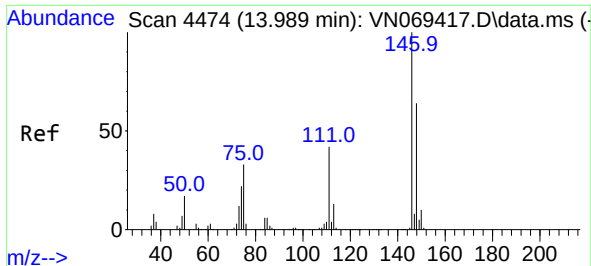
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 18.785 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

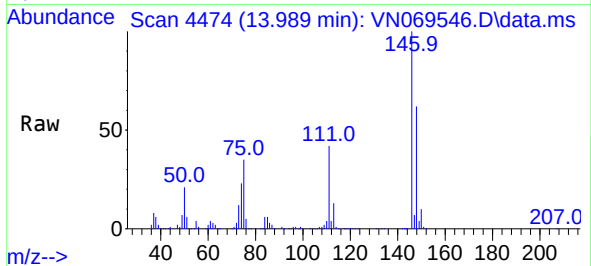
Tgt Ion:117 Resp: 129394
Ion Ratio Lower Upper
117 100
201 72.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.949 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

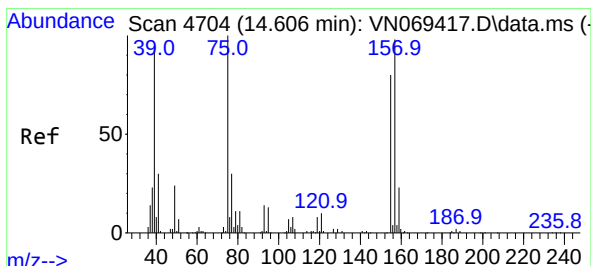
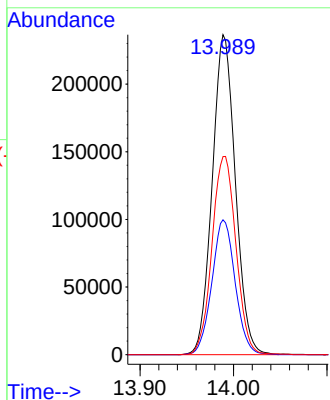
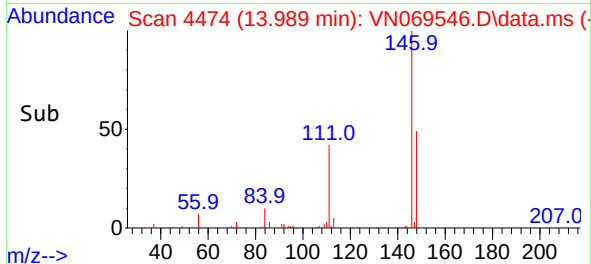
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



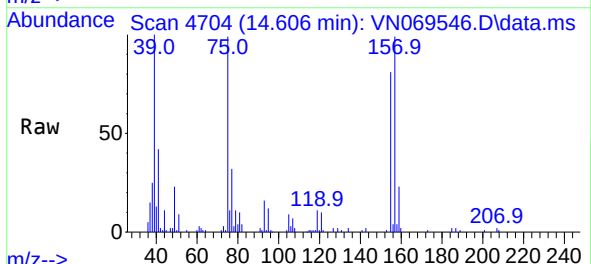
Tgt Ion:146 Resp: 40766
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
APPROVED

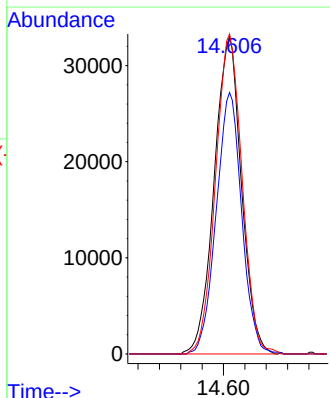
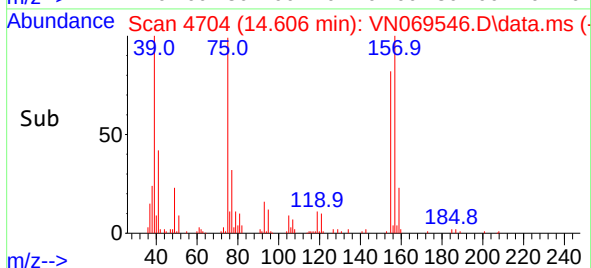
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

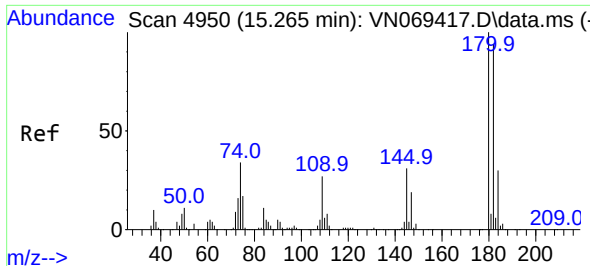


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.187 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



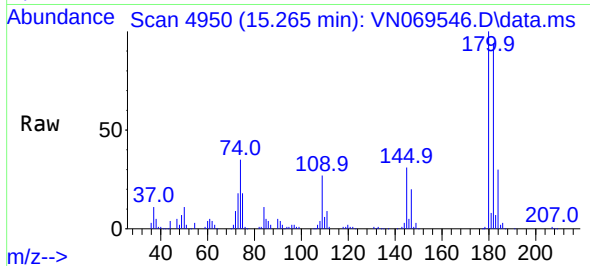
Tgt Ion: 75 Resp: 58339
Ion Ratio Lower Upper
75 100
155 77.4 46.9 140.7
157 98.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.555 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

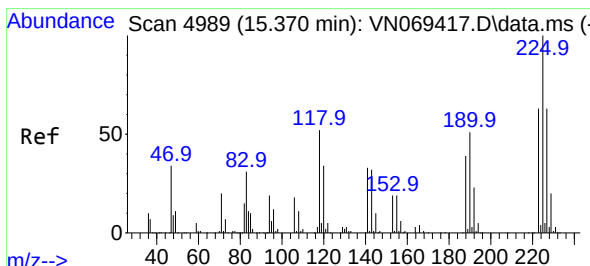
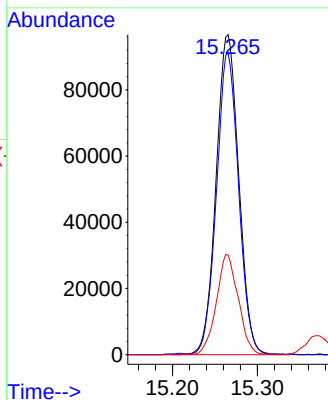
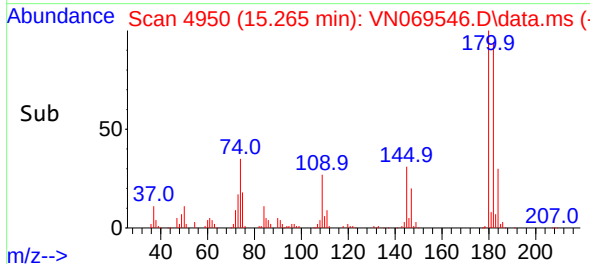
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



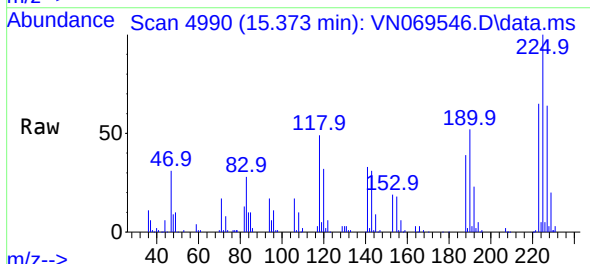
Tgt Ion:180 Resp: 178777
Ion Ratio Lower Upper
180 100
182 91.8 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
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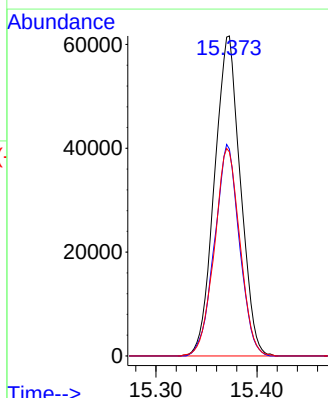
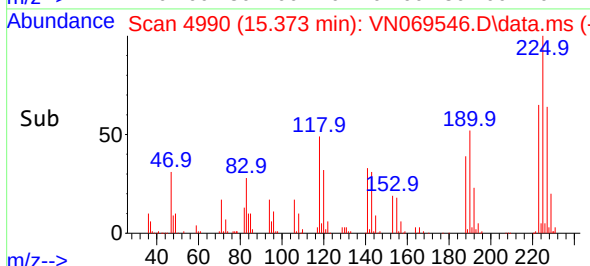
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

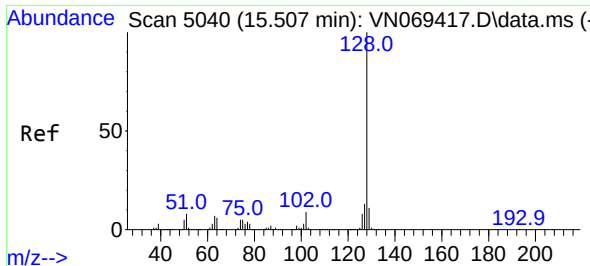


#94
Hexachlorobutadiene
Concen: 21.675 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



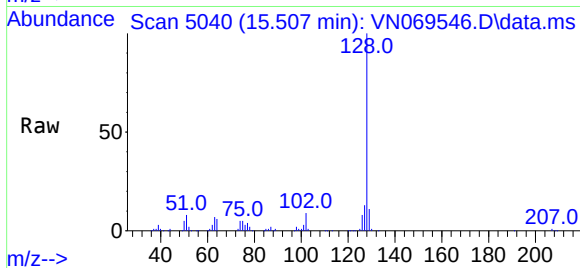
Tgt Ion:225 Resp: 109594
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 18.825 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12

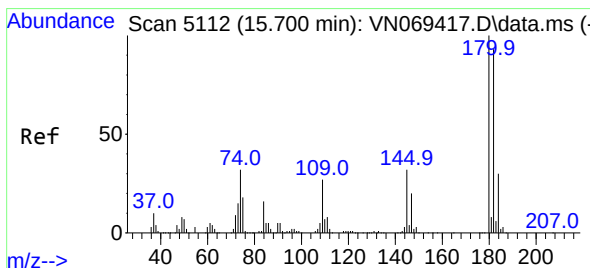
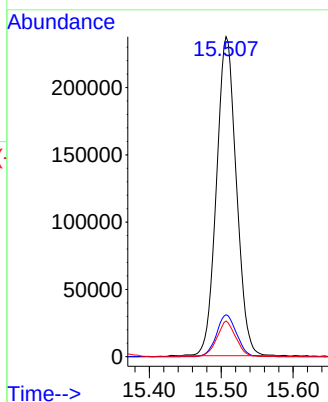
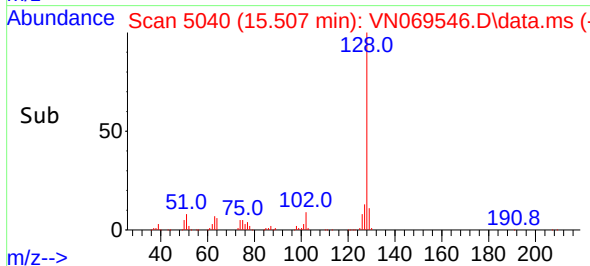
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



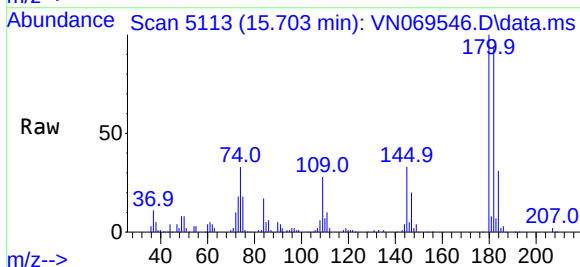
Tgt Ion:128 Resp: 45372
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.571 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN069546.D
Acq: 18 Nov 2021 12:12



Tgt Ion:180 Resp: 170745
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.3 15.0 45.1

