

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069602.D
 Acq On : 22 Nov 2021 11:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 23 03:48:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	180884	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	978380	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	887133	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	489998	31.235	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.100%
60) 4-Bromofluorobenzene	12.733	95	418326	29.467	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.233%
63) Toluene-d8	10.440	98	1256125	30.666	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.233%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	264239	19.769	ug/l	98
3) Chloromethane	2.306	50	288379	20.693	ug/l	96
4) Vinyl Chloride	2.448	62	266595	18.866	ug/l	99
5) Bromomethane	2.861	94	161451	17.840	ug/l	97
6) Chloroethane	3.025	64	162063	18.178	ug/l	99
7) Trichlorofluoromethane	3.379	101	348266	16.815	ug/l	98
8) Diethyl Ether	3.824	74	142077	21.731	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	191119	19.941	ug/l #	71
10) 1,1-Dichloroethene	4.178	96	174488	19.303	ug/l	88
11) Methyl Iodide	4.419	142	261867	20.792	ug/l	97
12) Methyl Acetate	4.856	43	540734	20.771	ug/l	90
13) Acrolein	4.041	56	80709	112.761	ug/l	100
14) Acrylonitrile	5.556	53	731471	102.990	ug/l	99
15) Acetone	4.288	58	293833	124.159	ug/l	73
16) Carbon Disulfide	4.529	76	423288	18.734	ug/l	99
17) Allyl chloride	4.840	41	390992	20.351	ug/l	88
18) Methylene Chloride	5.092	84	238846	20.741	ug/l	91
19) trans-1,2-Dichloroethene	5.599	96	191035	19.258	ug/l	84
20) Diisopropyl ether	6.498	45	859003	20.866	ug/l #	96
21) 1,1-Dichloroethane	6.388	63	425595	20.378	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	239317	19.452	ug/l	91
23) tert-Butyl Alcohol	5.377	59	217729	88.085	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	751457	20.743	ug/l	94
25) Chloroform	7.817	83	440994	20.422	ug/l	99
26) Cyclohexane	8.094	56	370642	18.692	ug/l	87
29) 1,1-Dichloropropene	8.220	75	294459	19.716	ug/l	96
30) 2-Butanone	7.337	43	1250754	115.700	ug/l	91
31) 2,2-Dichloropropane	7.329	77	315787	20.000	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	342431	19.640	ug/l	94
33) Carbon Tetrachloride	8.206	117	284478	19.755	ug/l	99
34) Benzene	8.458	78	945834	20.825	ug/l #	93
35) Methacrylonitrile	7.638	41	213573	21.541	ug/l	90
36) 1,2-Dichloroethane	8.528	62	391061	22.334	ug/l	99
37) Trichloroethene	9.215	130	220360	20.083	ug/l	90
38) Methylcyclohexane	9.459	83	357353	19.340	ug/l	88
39) 1,2-Dichloropropane	9.491	63	255757	21.262	ug/l	100
40) Dibromomethane	9.579	93	175296	21.760	ug/l	96
41) Bromodichloromethane	9.762	83	319613	21.137	ug/l	94
42) Vinyl Acetate	6.433	43	2901290	94.968	ug/l	97

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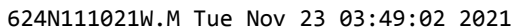
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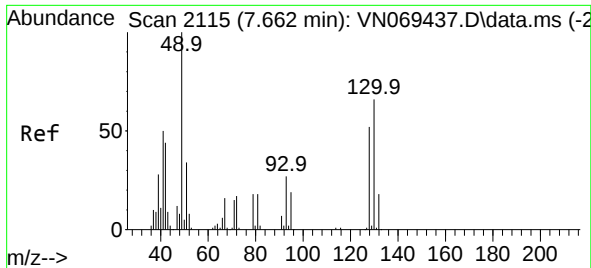
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	425333	21.231	ug/l	94
44) Isopropyl Acetate	8.560	43	665841	21.318	ug/l	95
45) 1,4-Dioxane	9.571	88	103066	406.511	ug/l	90
46) Methyl methacrylate	9.561	41	295457	20.540	ug/l	83
47) n-amyl Acetate	12.390	43	406839	16.963	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	323916	19.961	ug/l	100
49) cis-1,3-Dichloropropene	10.188	75	363927	20.609	ug/l	93
50) 1,1,2-Trichloroethane	10.899	97	239701	20.953	ug/l	99
51) Ethyl methacrylate	10.762	69	380815	19.855	ug/l	91
52) 1,3-Dichloropropane	11.044	76	419127	21.210	ug/l	100
53) Dibromochloromethane	11.240	129	221961	20.304	ug/l	98
54) 1,2-Dibromoethane	11.347	107	238898	20.164	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	813221	186.401	ug/l	96
56) Bromoform	12.457	173	149295	19.045	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	2162079	111.028	ug/l #	94
59) 2-Hexanone	11.087	43	1595260	107.696	ug/l	95
61) Tetrachloroethene	10.979	164	201278	21.139	ug/l	97
62) Toluene	10.505	91	1008696	20.691	ug/l	99
64) Chlorobenzene	11.771	112	588216	20.112	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.840	131	217809	21.153	ug/l	99
66) Ethyl Benzene	11.846	91	1073704	19.898	ug/l	99
67) m/p-Xylenes	11.956	106	786941	39.266	ug/l	94
68) o-Xylene	12.280	106	389510	19.411	ug/l	93
69) Styrene	12.296	104	620748	19.080	ug/l	97
70) Isopropylbenzene	12.578	105	1008057	19.208	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	363205	20.974	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	431898	25.602	ug/l	56
73) Bromobenzene	12.862	156	238087	19.681	ug/l	93
74) n-propylbenzene	12.921	91	1127937	18.714	ug/l	98
75) 2-Chlorotoluene	13.010	91	717341	19.551	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	831772	19.310	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	79458	17.449	ug/l	82
78) 4-Chlorotoluene	13.106	91	657392	18.710	ug/l	95
79) tert-butylbenzene	13.323	119	710665	18.756	ug/l	99
80) 1,2,4-Trimethylbenzene	13.503	105	962022	22.895	ug/l	100
81) sec-Butylbenzene	13.503	105	962022	18.146	ug/l	100
82) p-Isopropyltoluene	13.616	119	761289	17.997	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	393518	19.026	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	368093	18.344	ug/l	98
85) n-Butylbenzene	13.943	91	567095	16.063	ug/l	99
86) Hexachloroethane	14.211	117	127077	18.152	ug/l	90
87) 1,2-Dichlorobenzene	13.991	146	389041	19.489	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	59910	19.763	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	155520	16.249	ug/l	97
90) Hexachlorobutadiene	15.370	225	98022	18.938	ug/l	98
91) Naphthalene	15.507	128	386266	14.009	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	156634	16.647	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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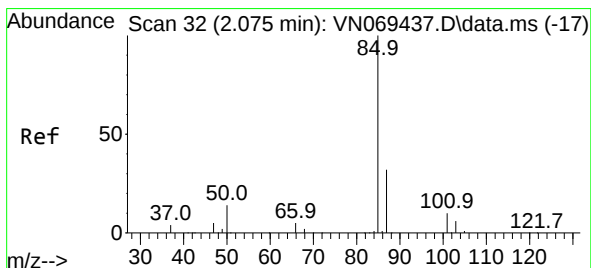
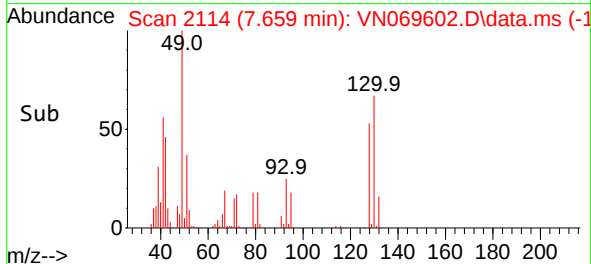
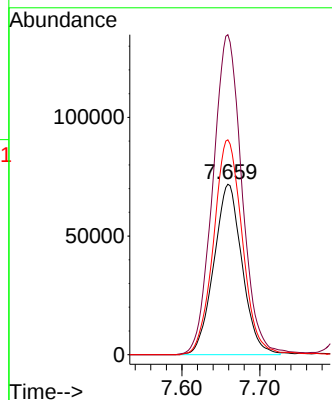
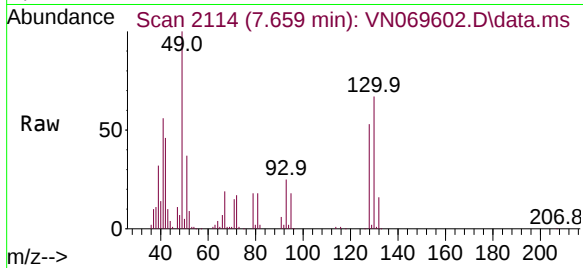




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

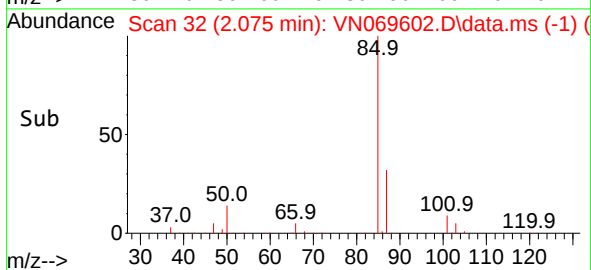
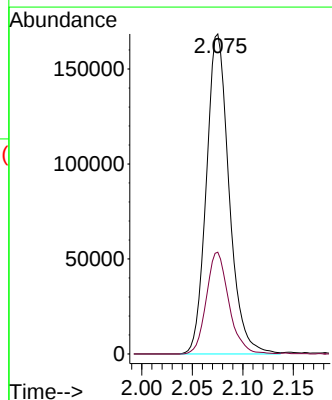
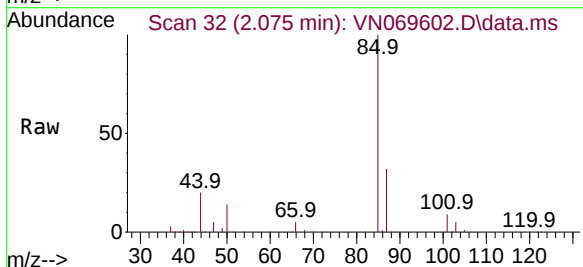
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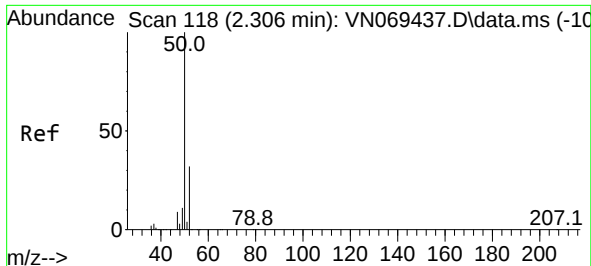
Tgt Ion:128 Resp: 180884
Ion Ratio Lower Upper
128 100
49 193.9 0.0 392.3
130 128.2 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.769 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 85 Resp: 264239
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7

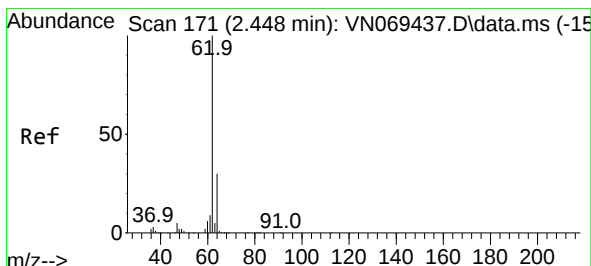
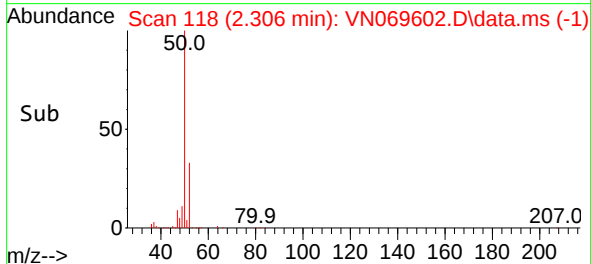
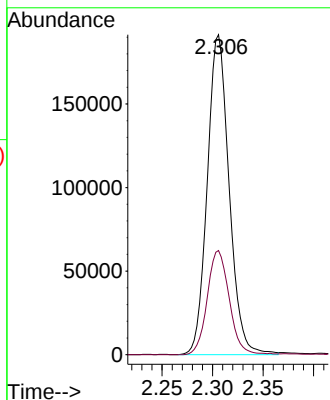
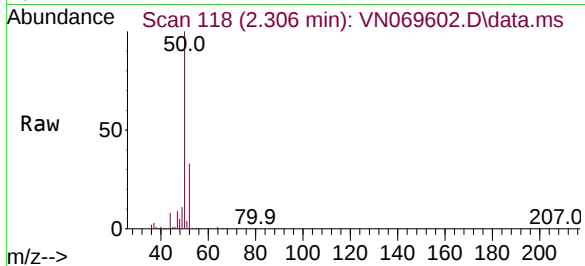




#3
Chloromethane
Concen: 20.693 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

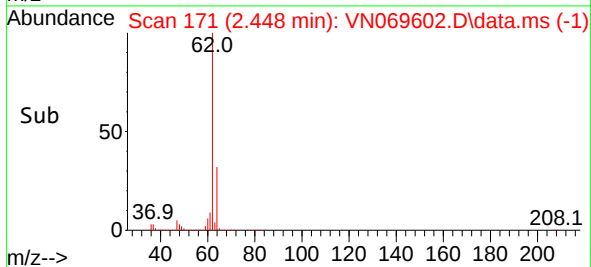
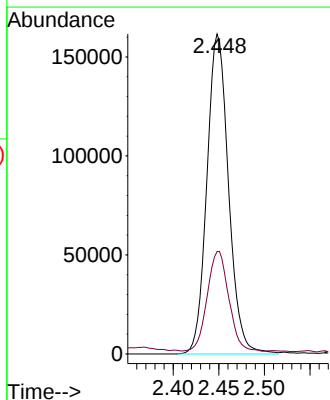
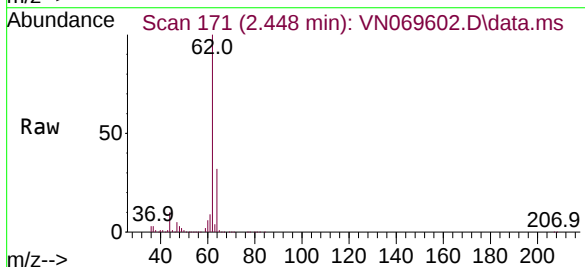
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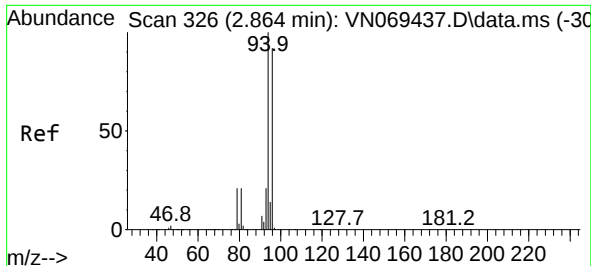
Tgt Ion: 50 Resp: 288379
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6



#4
Vinyl Chloride
Concen: 18.866 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 62 Resp: 266595
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7

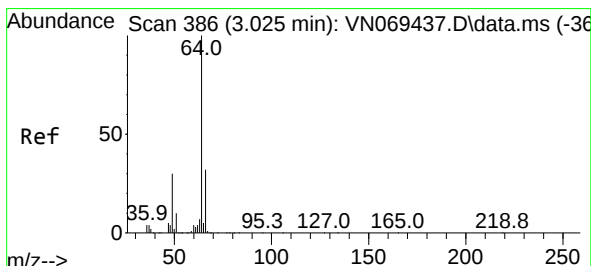
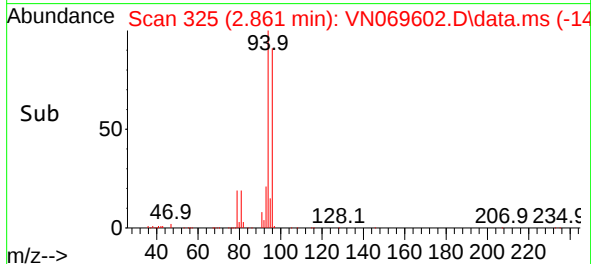
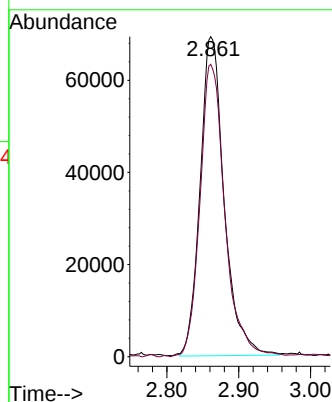
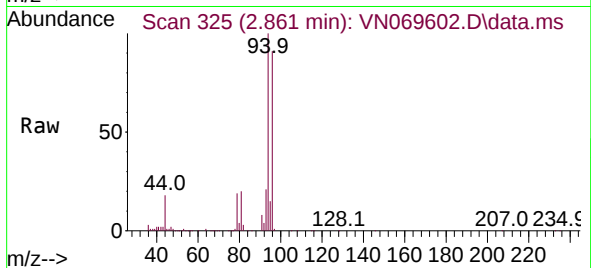




#5
Bromomethane
Concen: 17.840 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

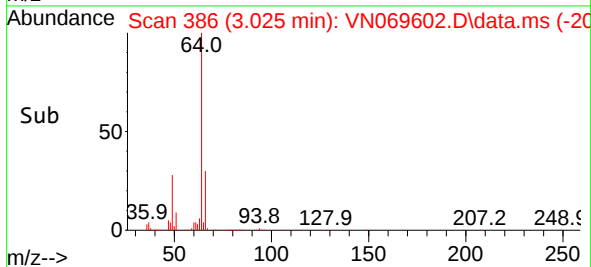
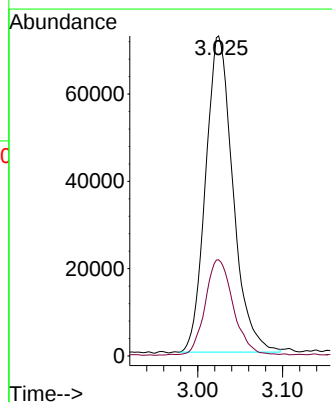
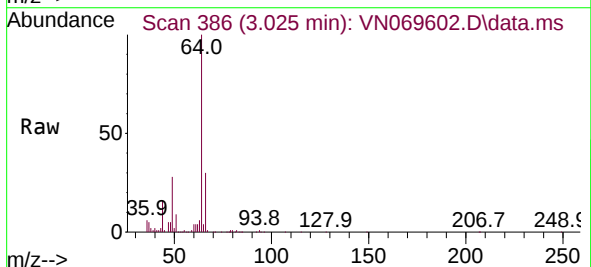
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ClientSampleId :

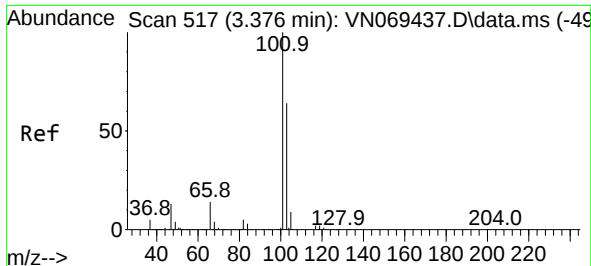
Tgt Ion: 94 Resp: 161451
Ion Ratio Lower Upper
94 100
96 91.4 75.2 112.8



#6
Chloroethane
Concen: 18.178 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 64 Resp: 162063
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8

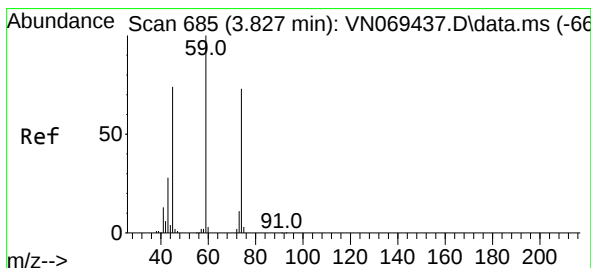
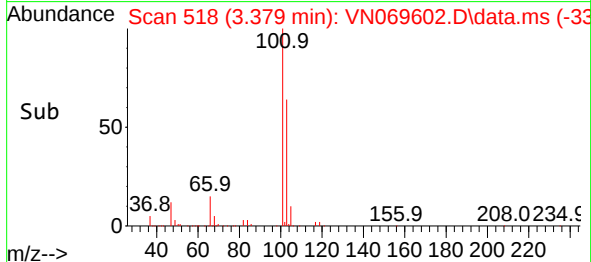
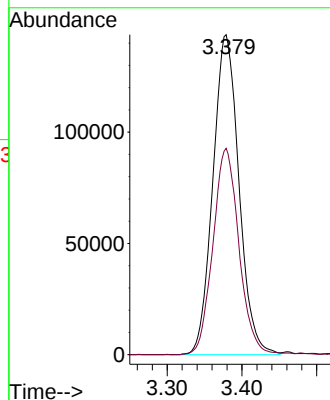
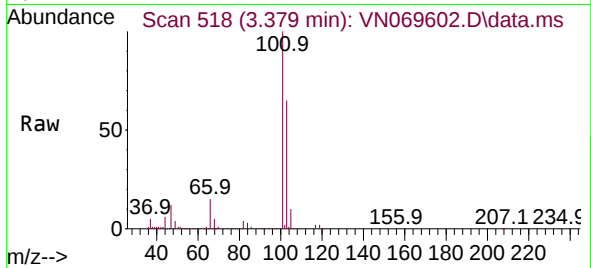




#7
 Trichlorofluoromethane
 Concen: 16.815 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

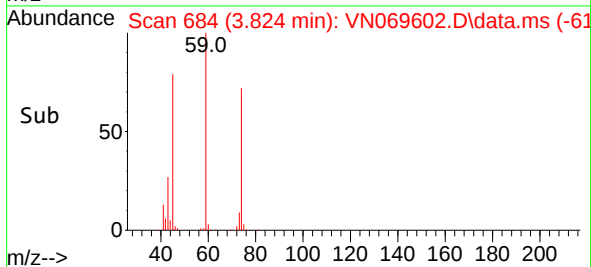
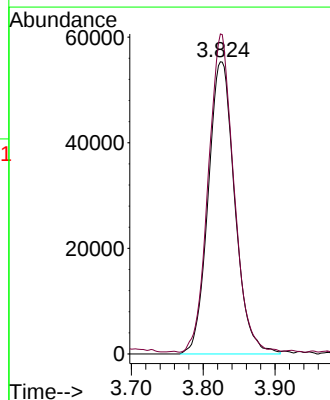
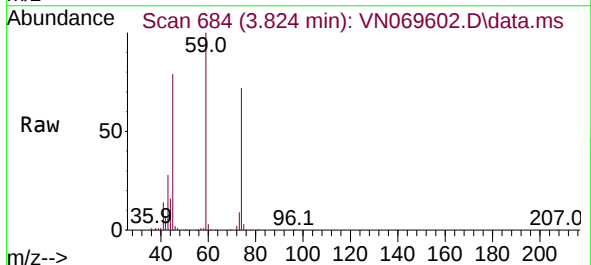
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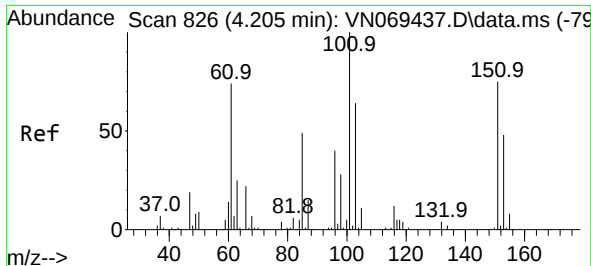
Tgt Ion:101 Resp: 348266
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.731 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.005 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion: 74 Resp: 142077
 Ion Ratio Lower Upper
 74 100
 45 104.3 17.6 158.8

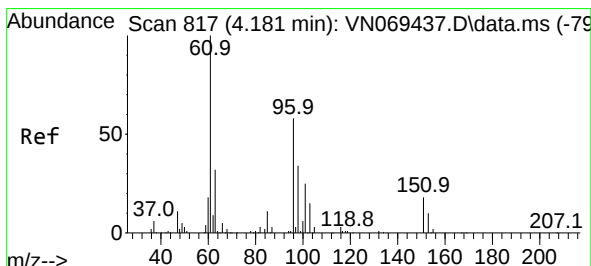
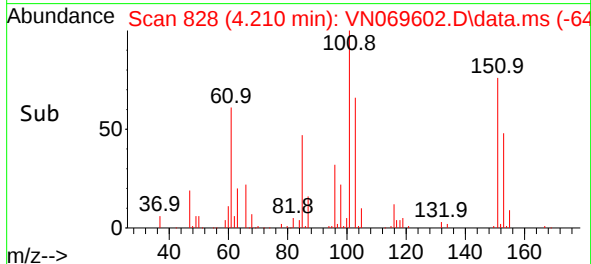
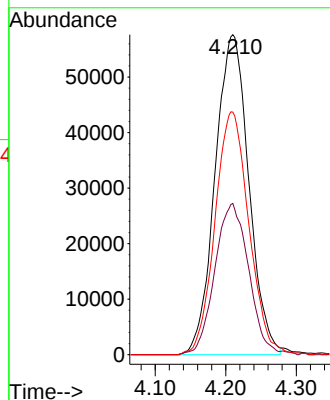
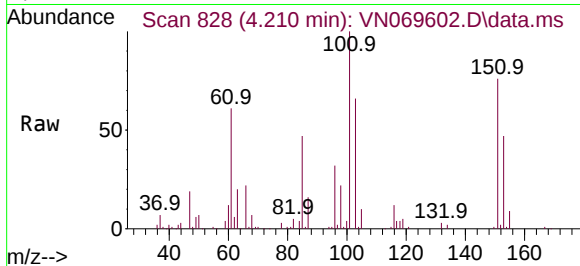




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.941 ug/l
 RT: 4.210 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: VN069602.D
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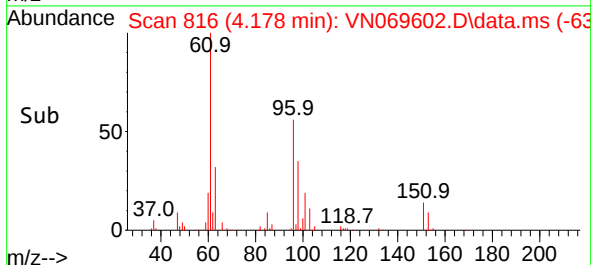
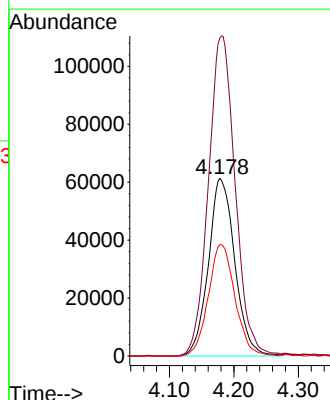
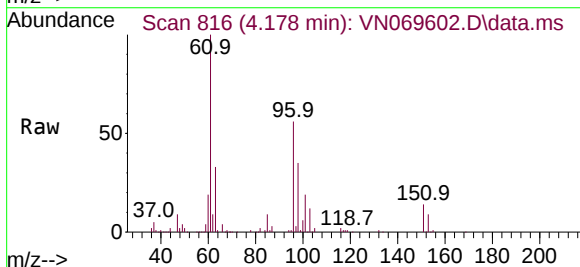
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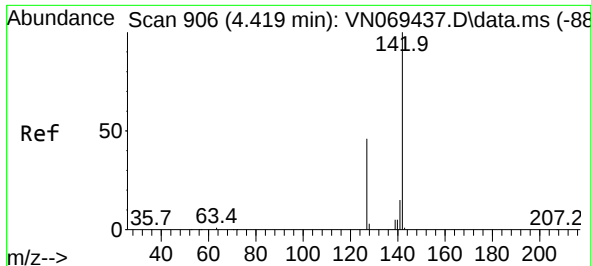
Tgt Ion:101 Resp: 191119
 Ion Ratio Lower Upper
 101 100
 85 47.3 0.0 94.0
 151 76.3 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 19.303 ug/l
 RT: 4.178 min Scan# 816
 Delta R.T. -0.013 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion: 96 Resp: 174488
 Ion Ratio Lower Upper
 96 100
 61 178.4 126.2 189.4
 98 62.8 50.9 76.3

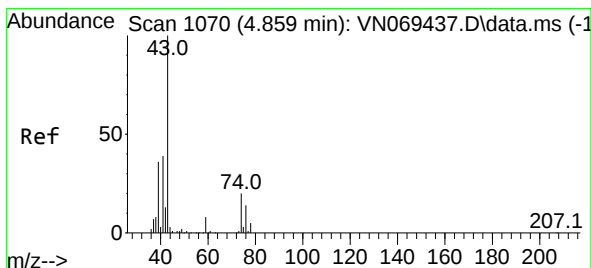
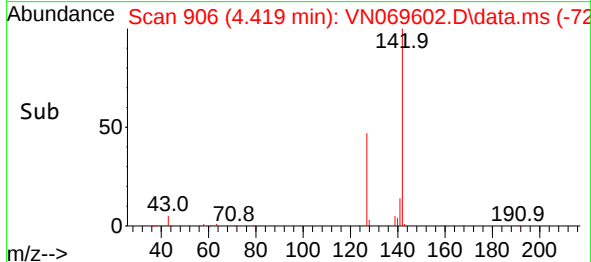
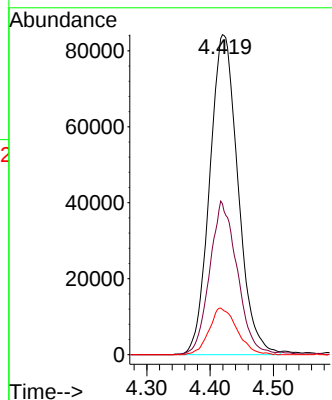
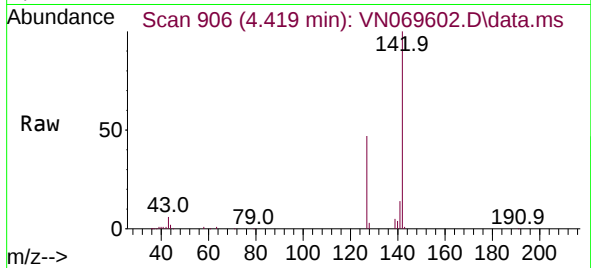




#11
Methyl Iodide
Concen: 20.792 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

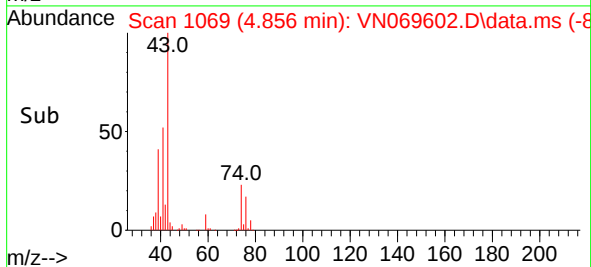
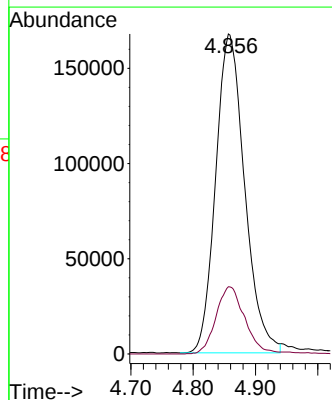
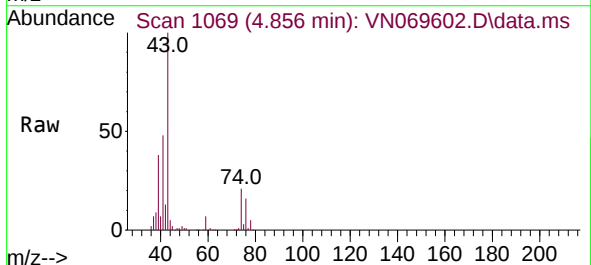
Instrument :
MSVOA_N
ClientSampleId :

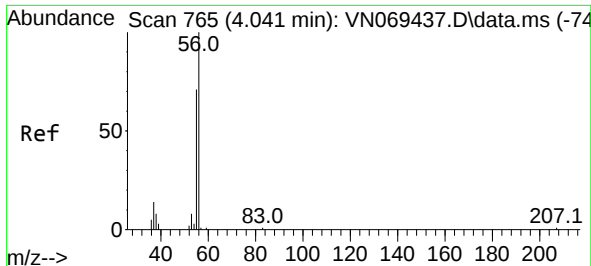
Tgt Ion:142 Resp: 261867
Ion Ratio Lower Upper
142 100
127 46.8 24.0 72.0
141 14.2 8.4 25.2



#12
Methyl Acetate
Concen: 20.771 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 43 Resp: 540734
Ion Ratio Lower Upper
43 100
74 21.1 20.8 31.2

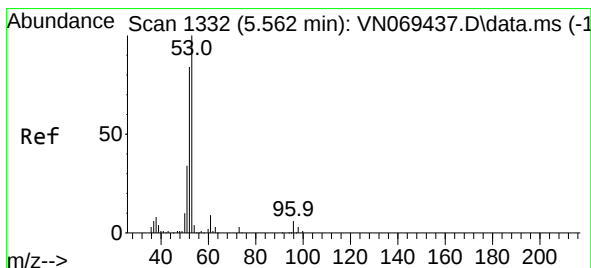
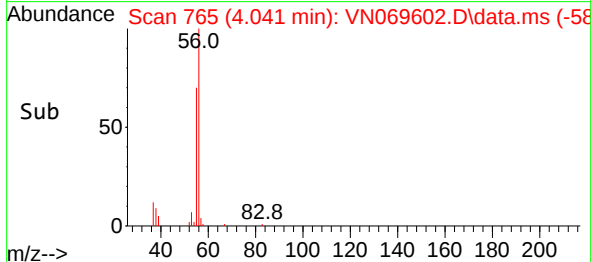
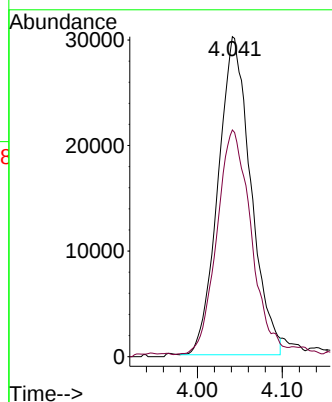
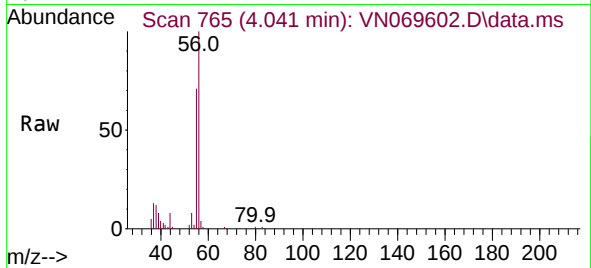




#13
Acrolein
Concen: 112.761 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

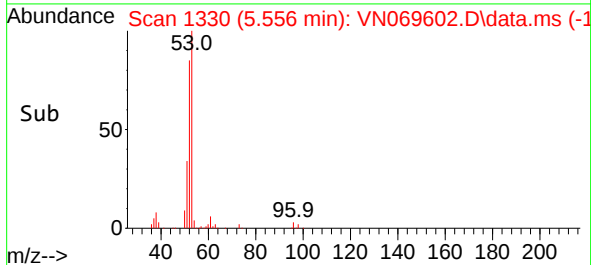
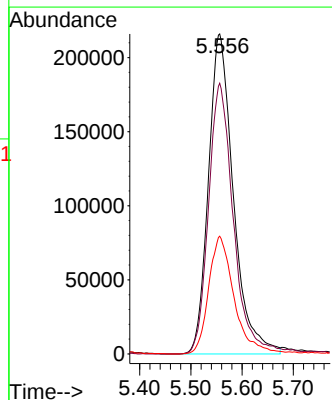
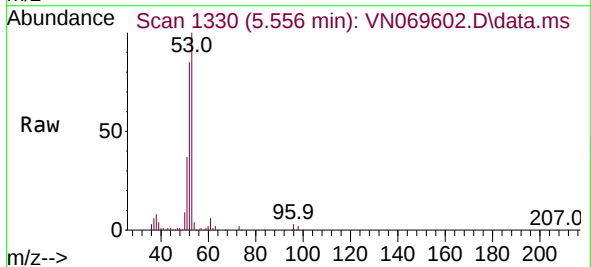
Instrument :
MSVOA_N
ClientSampleId :

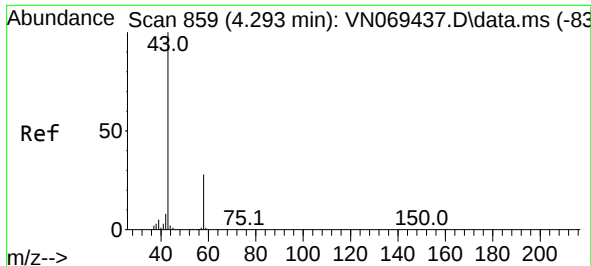
Tgt Ion: 56 Resp: 80709
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4



#14
Acrylonitrile
Concen: 102.990 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 53 Resp: 731471
Ion Ratio Lower Upper
53 100
52 83.2 41.8 125.4
51 37.5 19.0 57.0

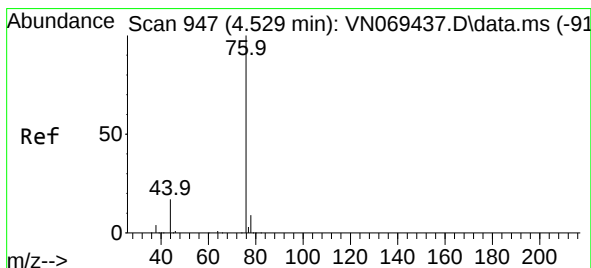
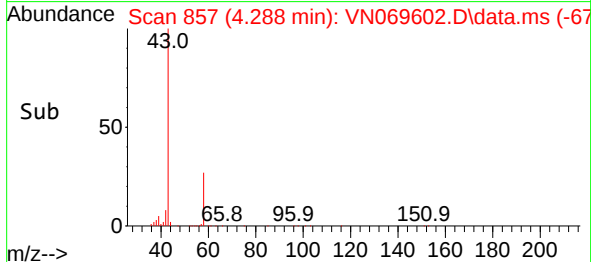
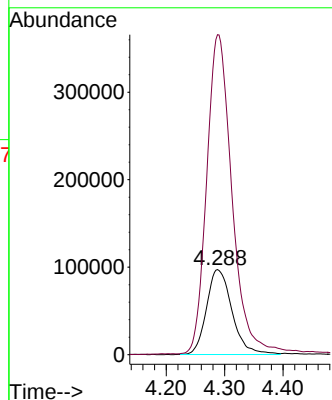
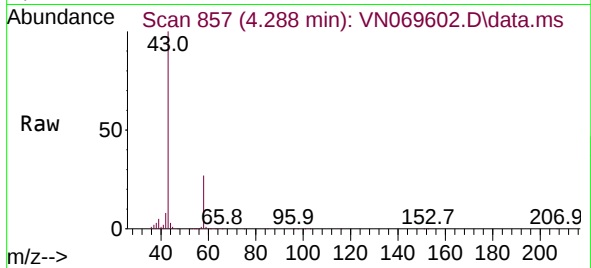




#15
Acetone
Concen: 124.159 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

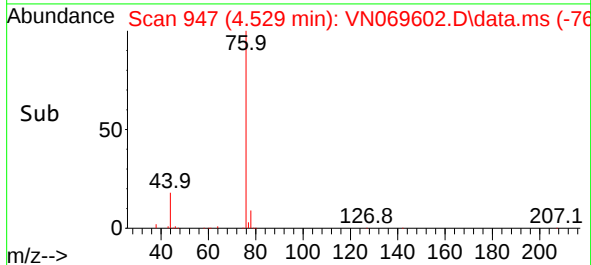
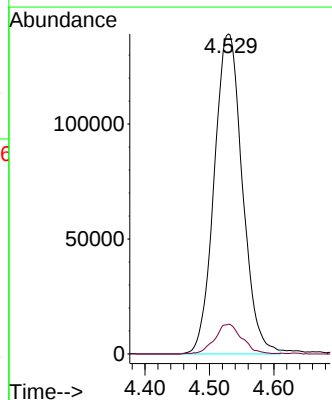
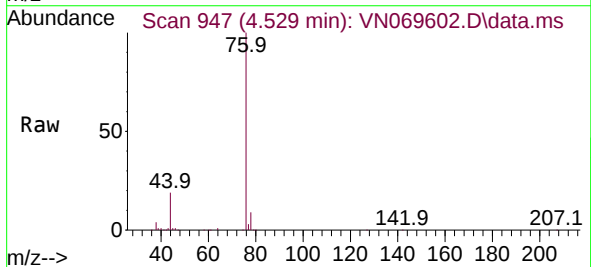
Instrument :
MSVOA_N
ClientSampleId :

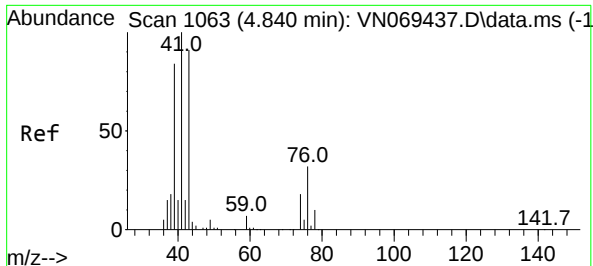
Tgt Ion: 58 Resp: 293833
Ion Ratio Lower Upper
58 100
43 375.8 256.6 384.8



#16
Carbon Disulfide
Concen: 18.734 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 76 Resp: 423288
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

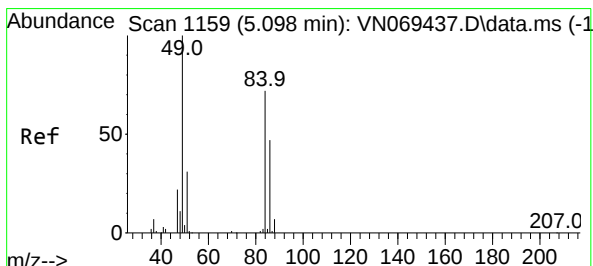
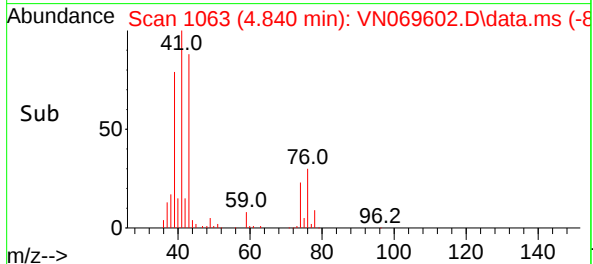
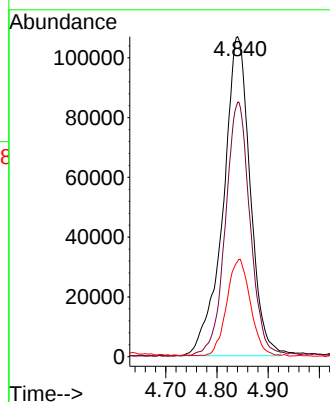
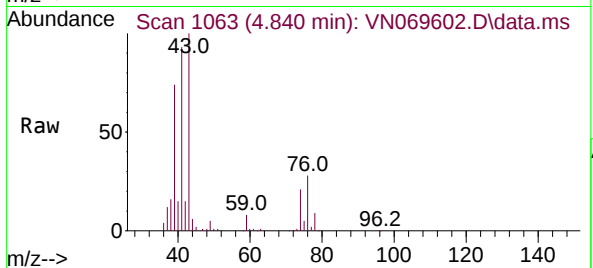




#17
 Allyl chloride
 Concen: 20.351 ug/l
 RT: 4.840 min Scan# 1063
 Delta R.T. -0.005 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

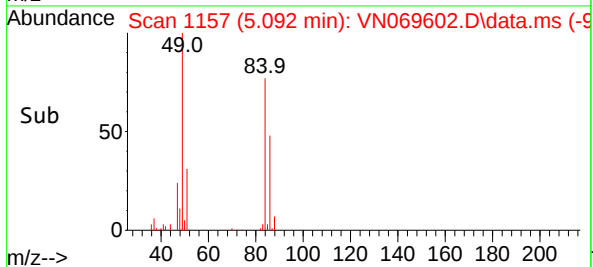
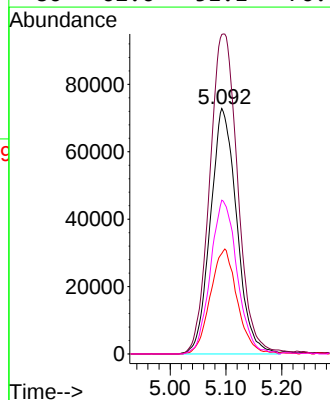
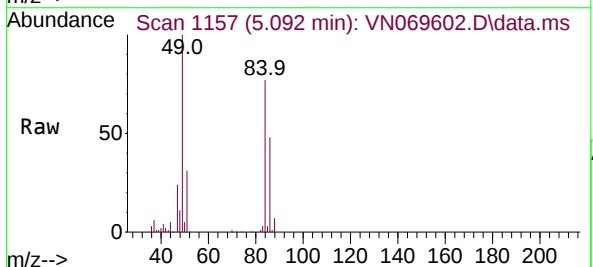
Instrument :
 MSVOA_N
 ClientSampleId :

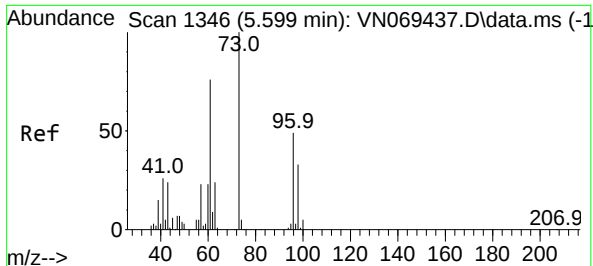
Tgt Ion: 41 Resp: 390992
 Ion Ratio Lower Upper
 41 100
 39 79.5 44.6 134.0
 76 29.5 19.6 58.7



#18
 Methylene Chloride
 Concen: 20.741 ug/l
 RT: 5.092 min Scan# 1157
 Delta R.T. -0.008 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion: 84 Resp: 238846
 Ion Ratio Lower Upper
 84 100
 49 129.9 91.4 137.0
 51 40.9 29.4 44.0
 86 62.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 19.258 ug/l

RT: 5.599 min Scan# 11

Delta R.T. -0.005 min

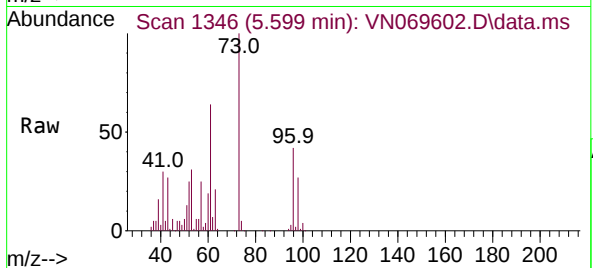
Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :



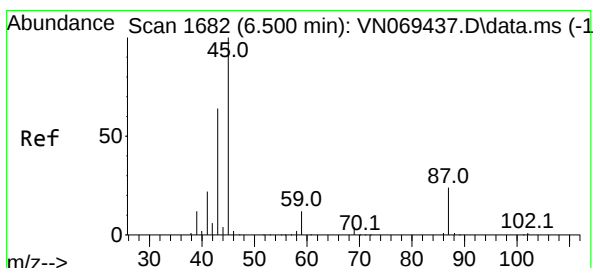
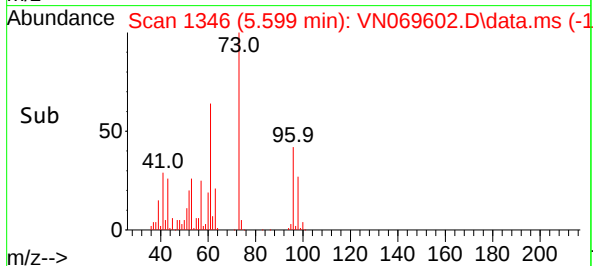
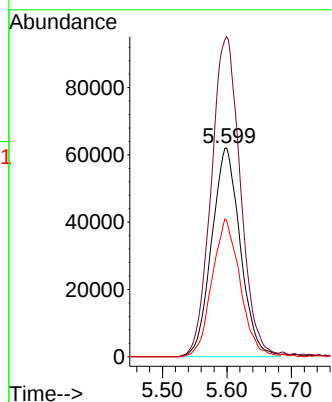
Tgt Ion: 96 Resp: 191035

Ion Ratio Lower Upper

96 100

61 152.9 102.8 154.2

98 65.2 49.3 73.9



#20

Diisopropyl ether

Concen: 20.866 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Tgt Ion: 45 Resp: 859003

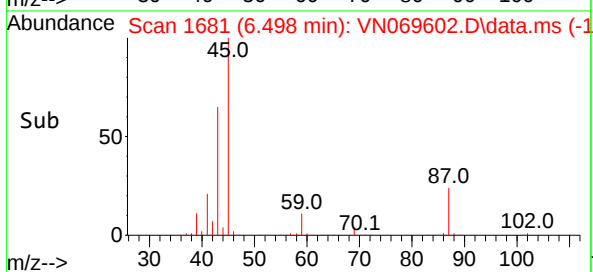
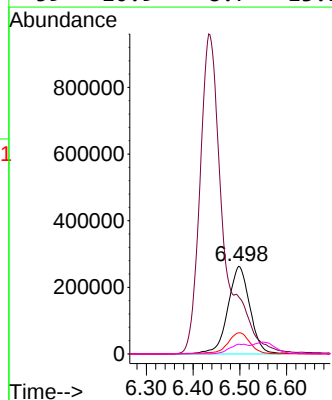
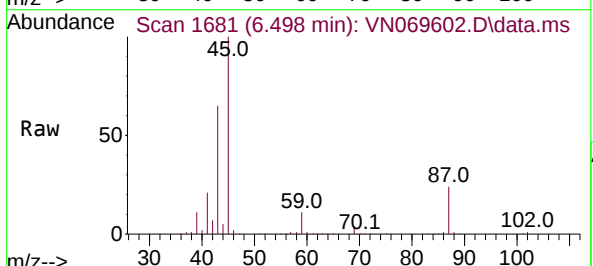
Ion Ratio Lower Upper

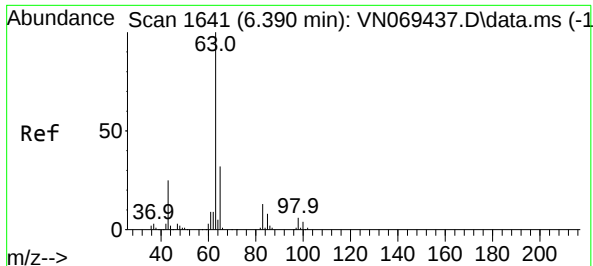
45 100

43 63.8 51.0 76.4

87 24.0 25.0 37.4#

59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.378 ug/l

RT: 6.388 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

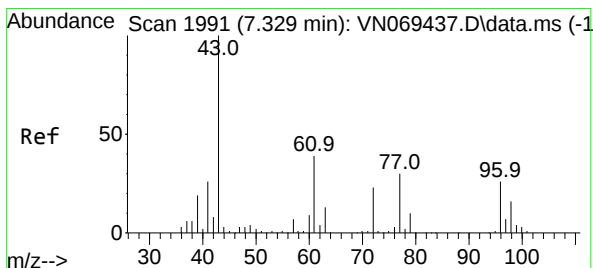
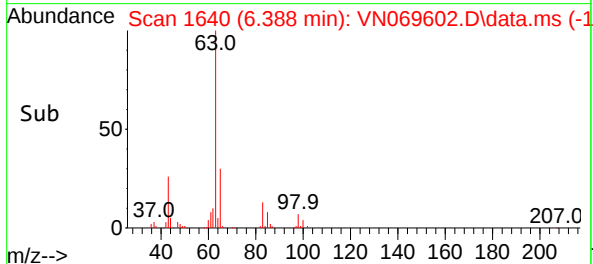
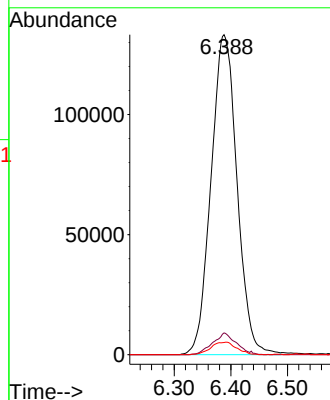
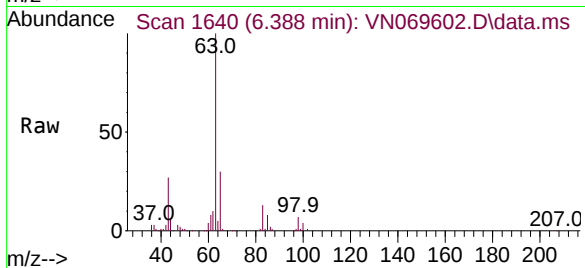
Tgt Ion: 63 Resp: 425595

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 3.8 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.452 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

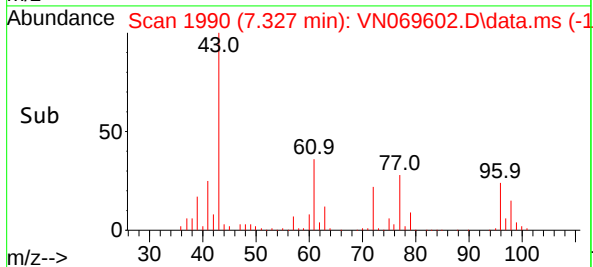
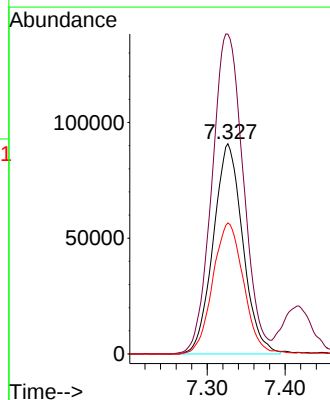
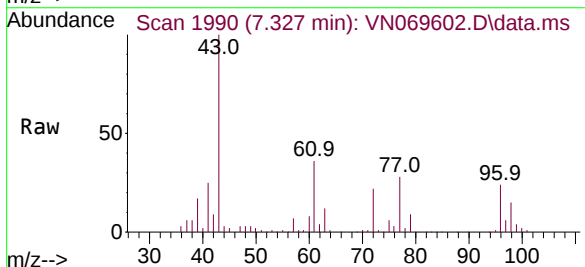
Tgt Ion: 96 Resp: 239317

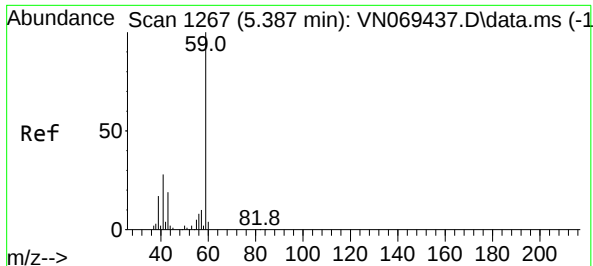
Ion Ratio Lower Upper

96 100

61 161.6 115.7 173.5

98 64.5 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 88.085 ug/l

RT: 5.377 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

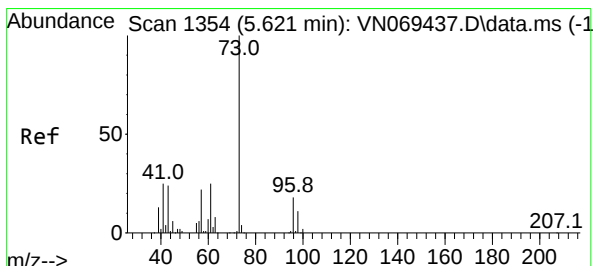
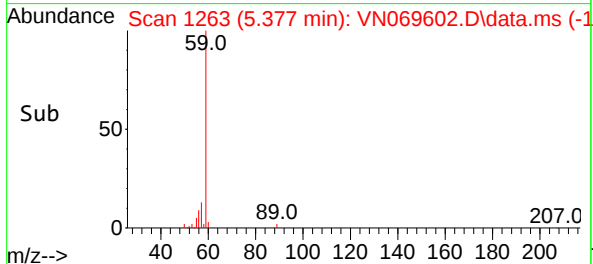
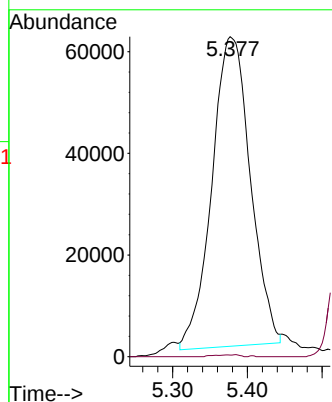
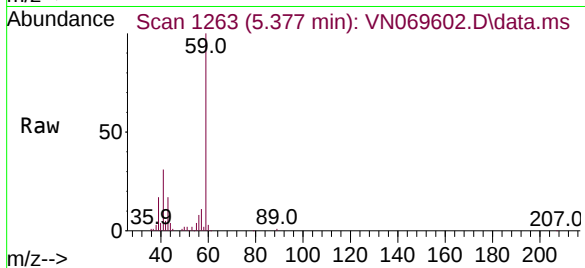
ClientSampleId :

Tgt Ion: 59 Resp: 217729

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 20.743 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.003 min

Lab File: VN069602.D

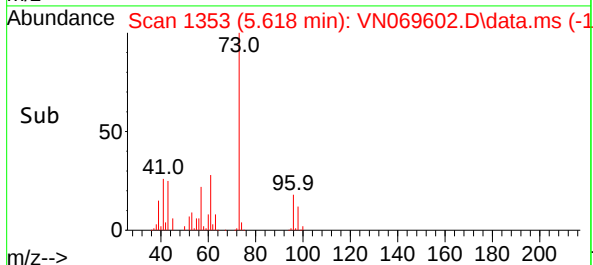
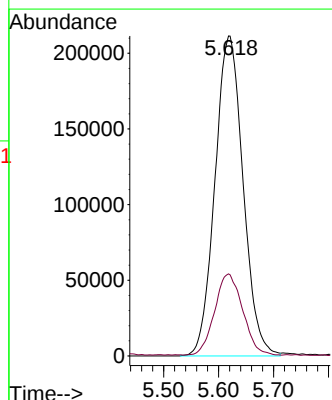
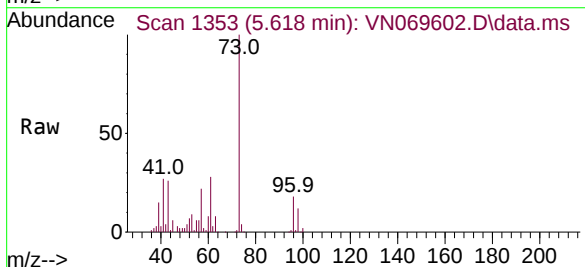
Acq: 22 Nov 2021 11:20

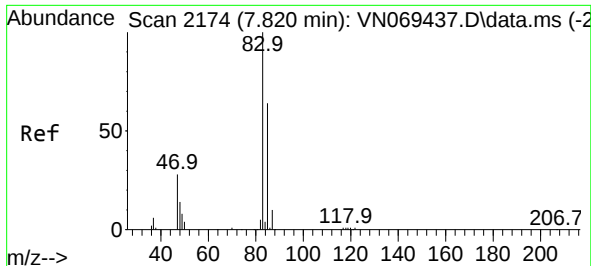
Tgt Ion: 73 Resp: 751457

Ion Ratio Lower Upper

73 100

43 25.3 18.1 27.1

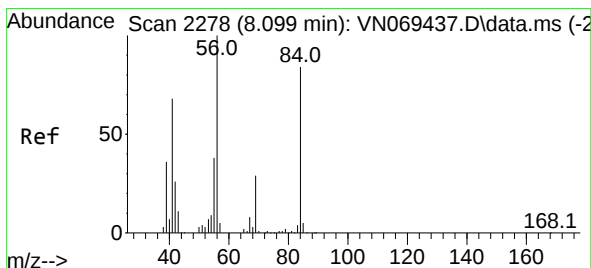
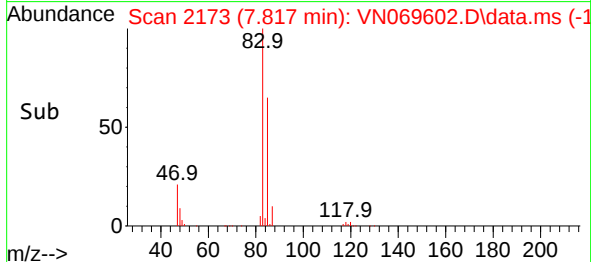
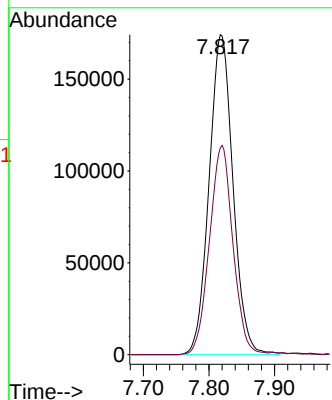
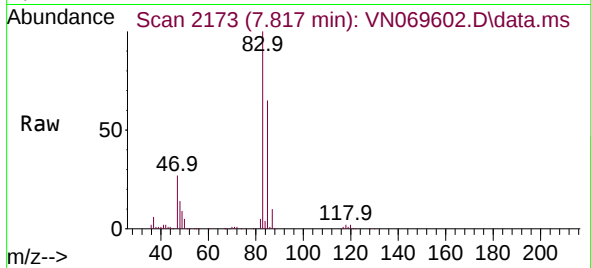




#25
Chloroform
Concen: 20.422 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

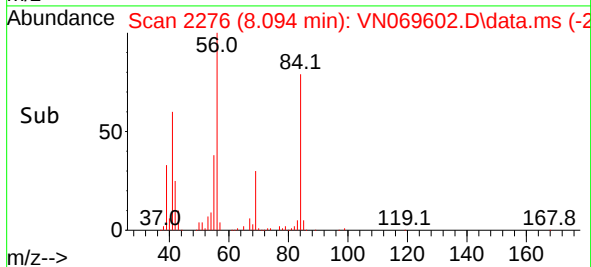
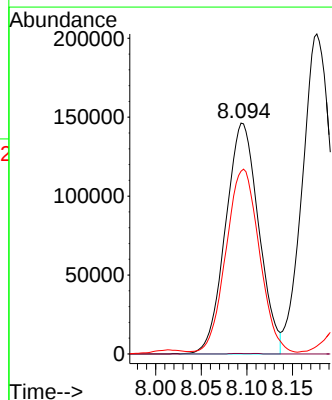
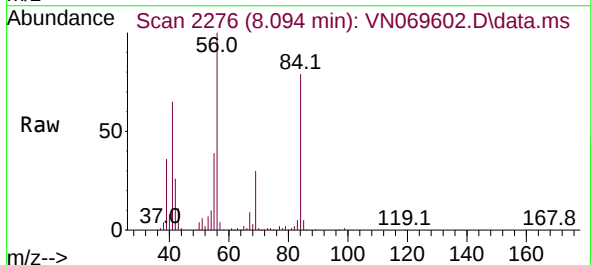
Instrument :
MSVOA_N
ClientSampleId :

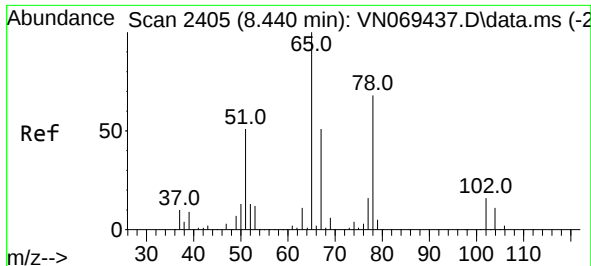
Tgt Ion: 83 Resp: 440994
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9



#26
Cyclohexane
Concen: 18.692 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.005 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 56 Resp: 370642
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 81.0 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.235 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

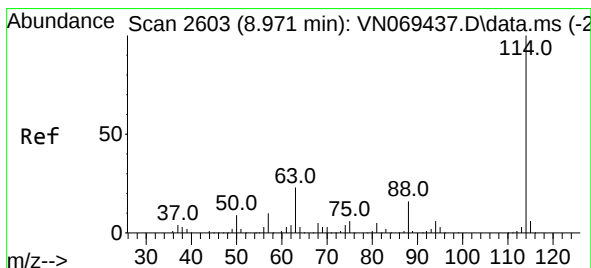
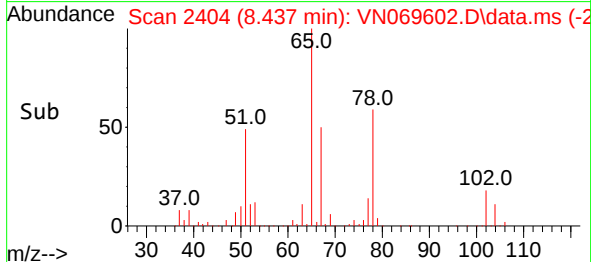
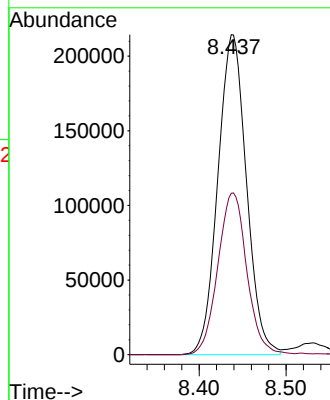
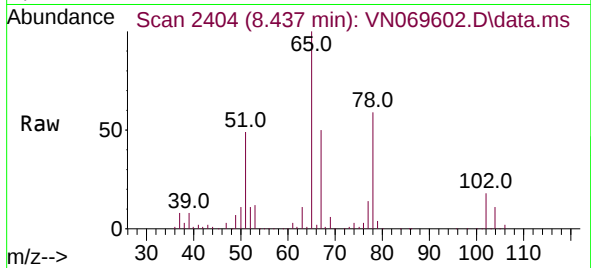
ClientSampleId :

Tgt Ion: 65 Resp: 489998

Ion Ratio Lower Upper

65 100

67 51.3 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

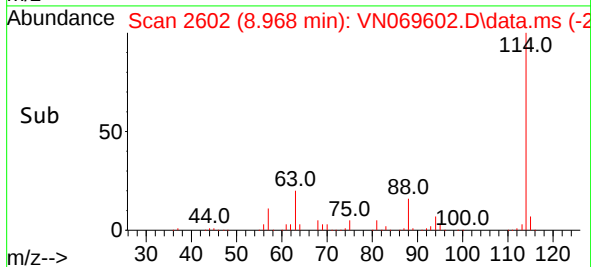
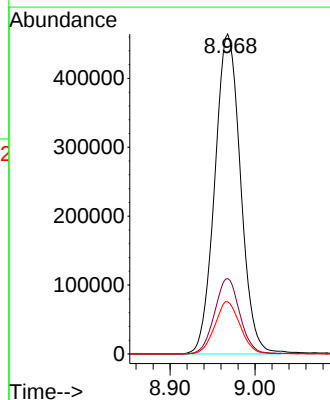
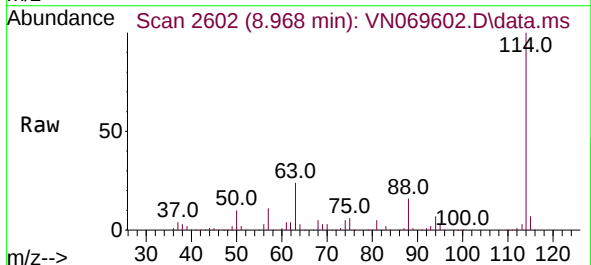
Tgt Ion: 114 Resp: 978380

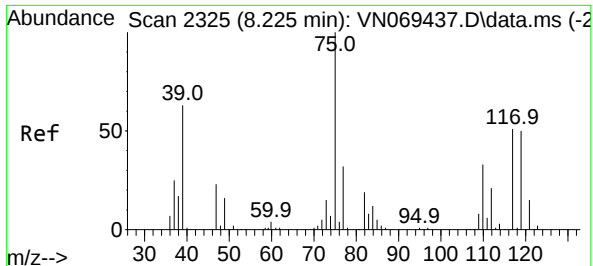
Ion Ratio Lower Upper

114 100

63 23.1 15.8 23.6

88 16.1 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.716 ug/l

RT: 8.220 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

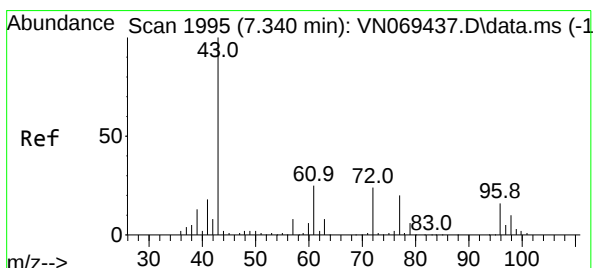
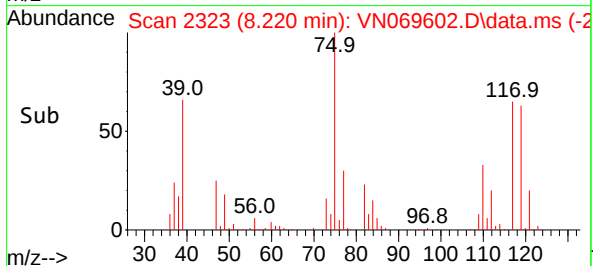
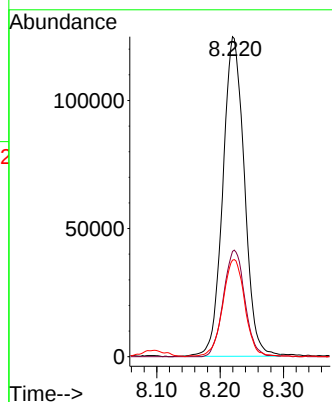
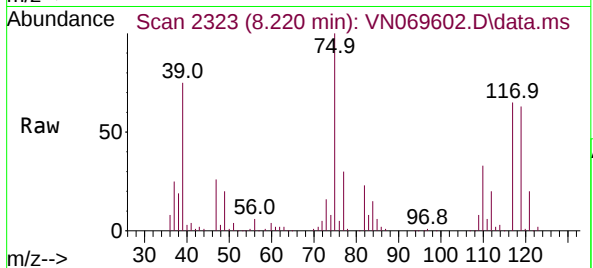
Tgt Ion: 75 Resp: 294459

Ion Ratio Lower Upper

75 100

110 33.1 0.0 74.2

77 30.7 0.0 63.2



#30

2-Butanone

Concen: 115.700 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

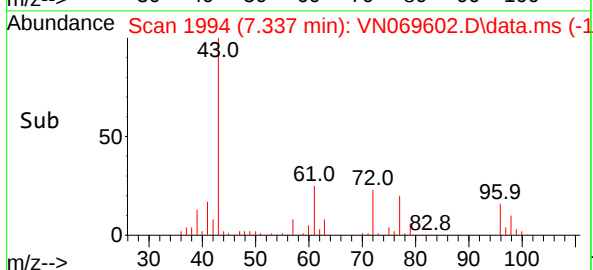
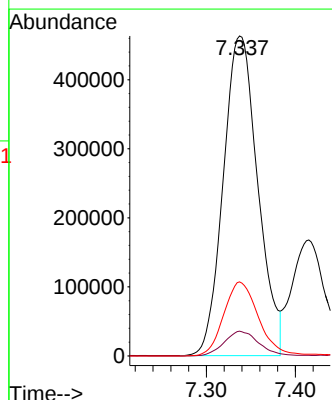
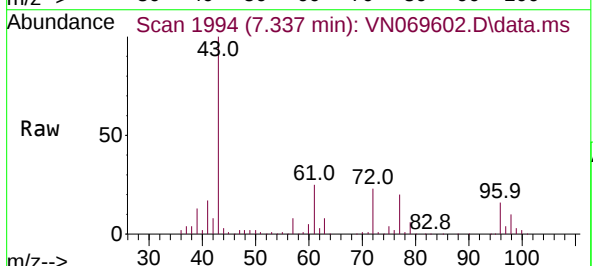
Tgt Ion: 43 Resp: 1250754

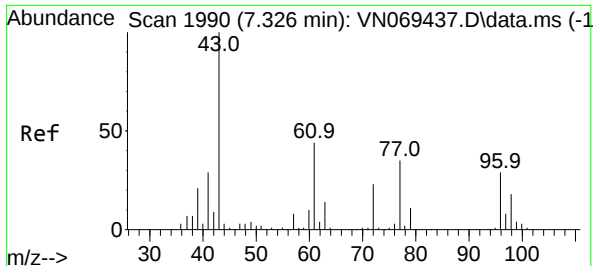
Ion Ratio Lower Upper

43 100

57 7.8 6.7 10.1

72 23.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 20.000 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

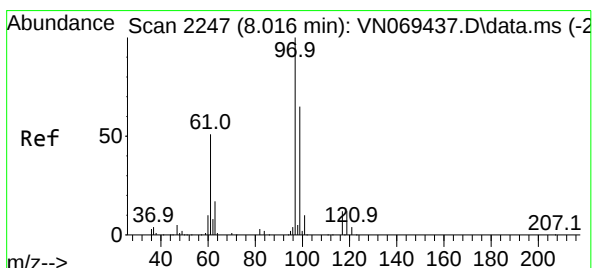
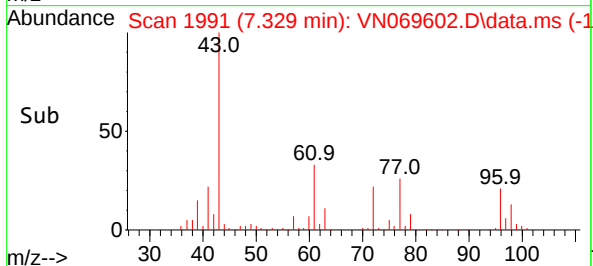
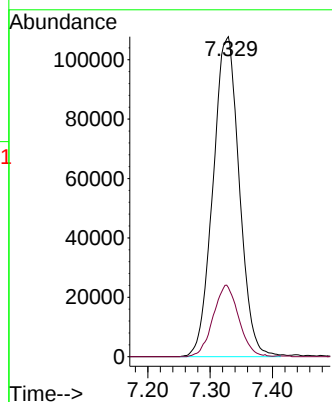
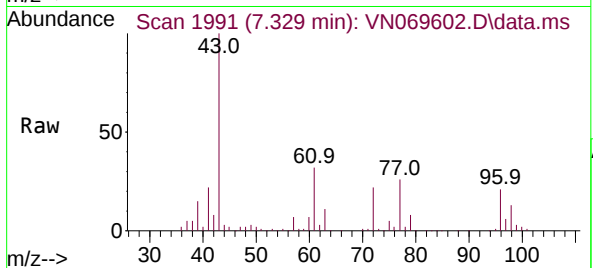
ClientSampleId :

Tgt Ion: 77 Resp: 315787

Ion Ratio Lower Upper

77 100

97 21.7 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.640 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

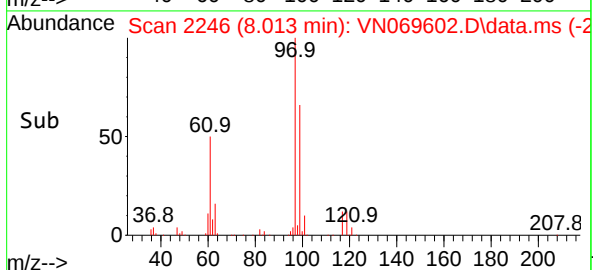
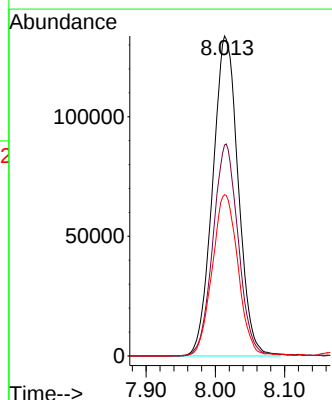
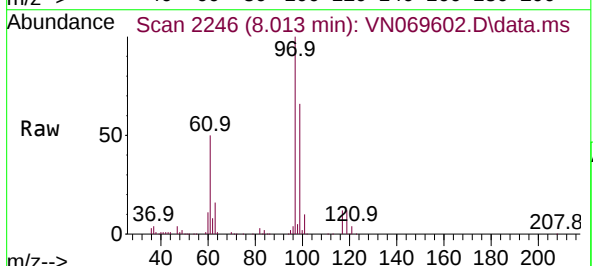
Tgt Ion: 97 Resp: 342431

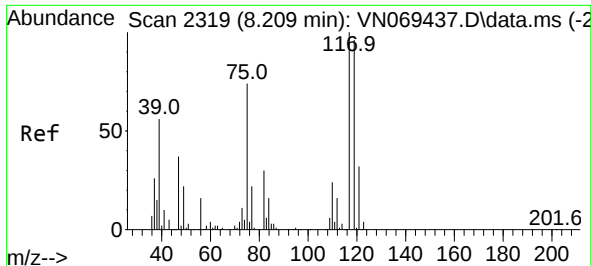
Ion Ratio Lower Upper

97 100

99 65.4 50.4 75.6

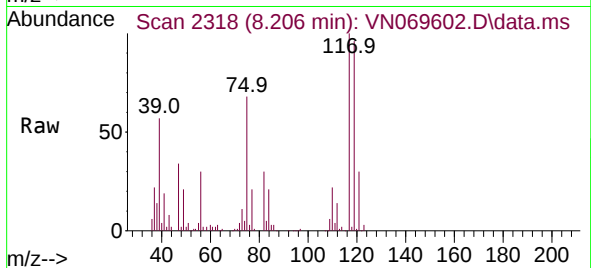
61 50.5 34.6 51.8



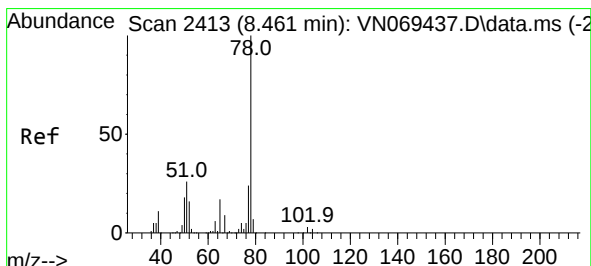
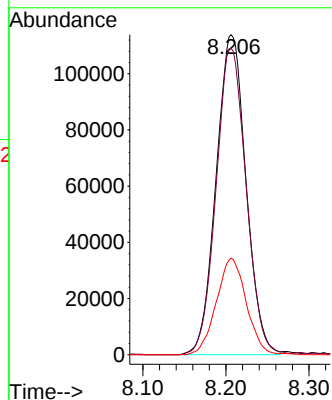
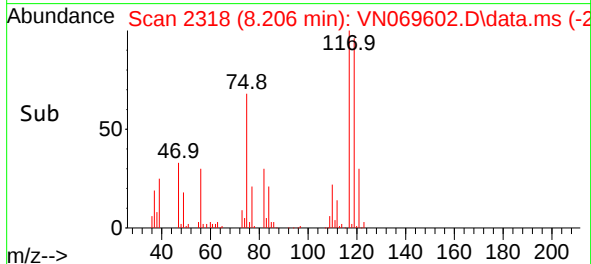


#33
Carbon Tetrachloride
Concen: 19.755 ug/l
RT: 8.206 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Instrument :
MSVOA_N
ClientSampleId :

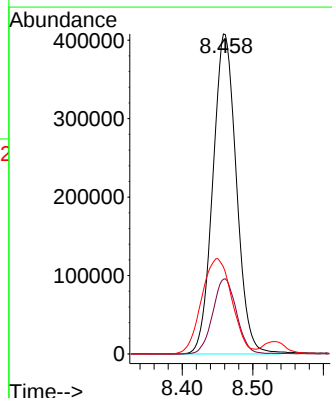
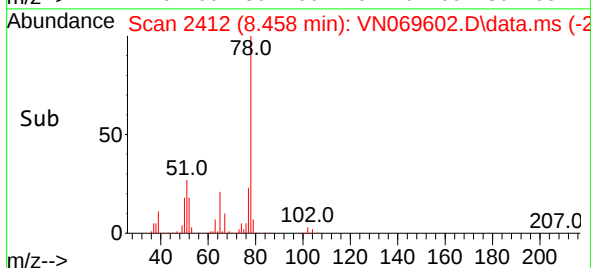
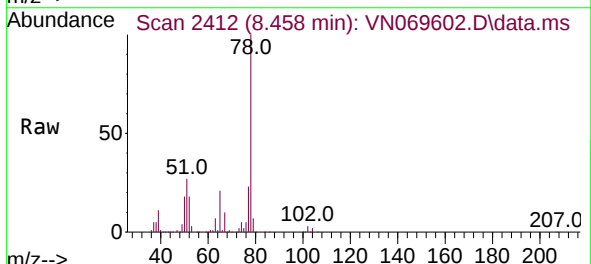


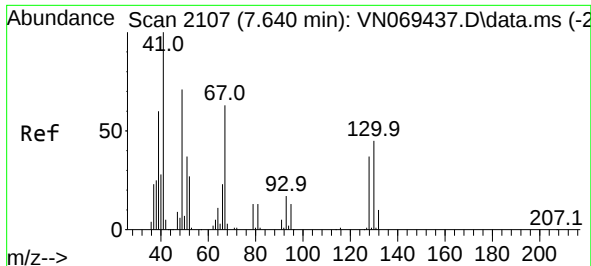
Tgt Ion:117 Resp: 284478
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
121 30.1 23.5 35.3



#34
Benzene
Concen: 20.825 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

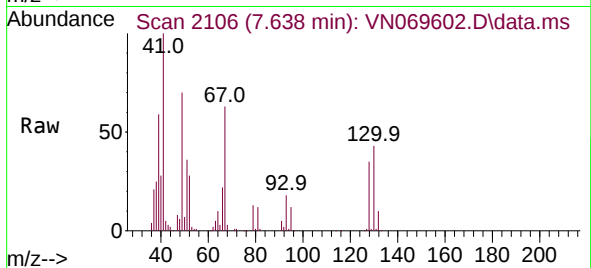
Tgt Ion: 78 Resp: 945834
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 26.7 16.0 24.0#



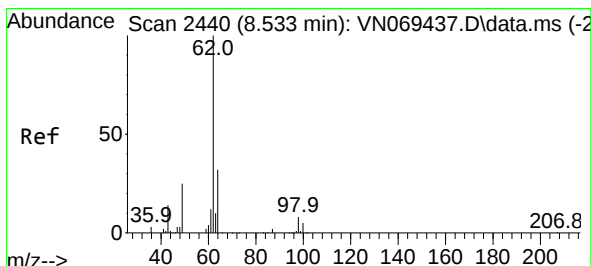
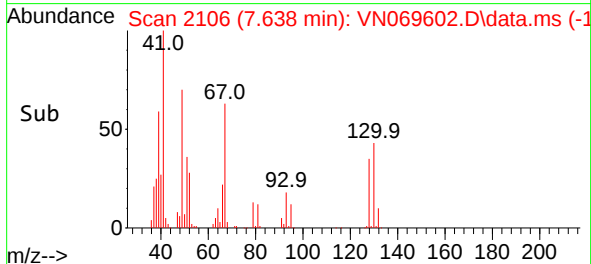
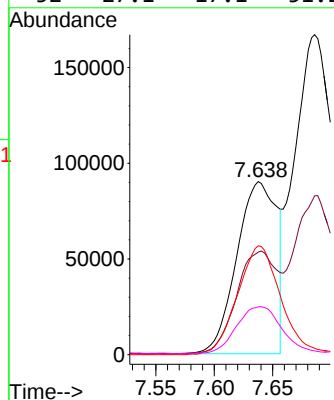


#35
Methacrylonitrile
Concen: 21.541 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Instrument :
MSVOA_N
ClientSampleId :

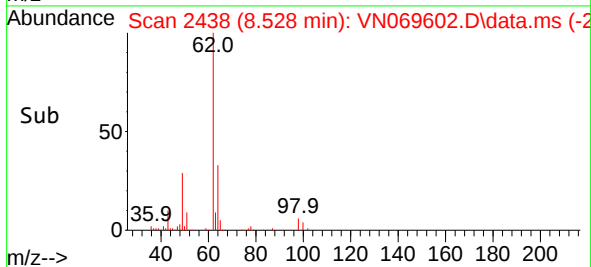
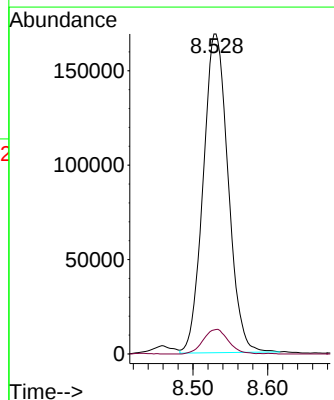
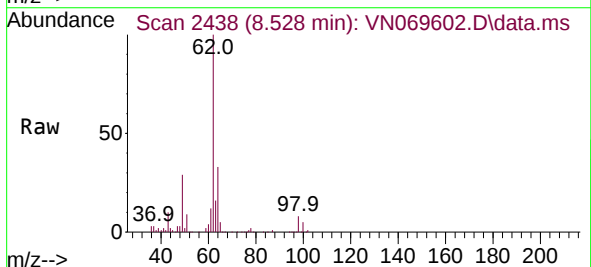


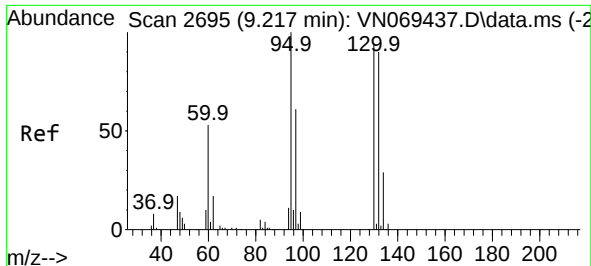
Tgt Ion:	41	Resp:	213573
Ion	Ratio	Lower	Upper
41	100		
39	58.9	28.0	83.9
67	63.2	37.7	113.1
52	27.1	17.1	51.2



#36
1,2-Dichloroethane
Concen: 22.334 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.005 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:	62	Resp:	391061
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.6	10.0

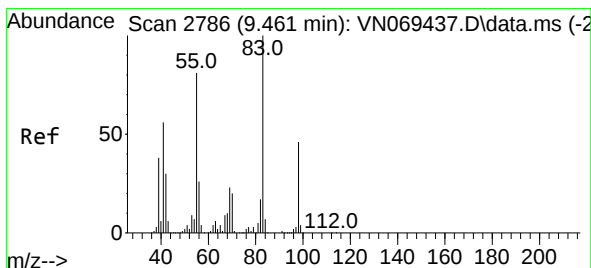
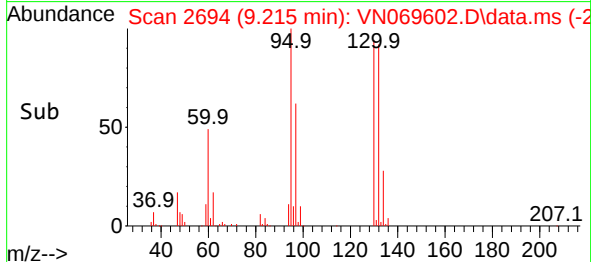
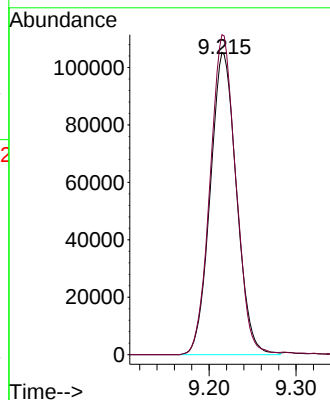
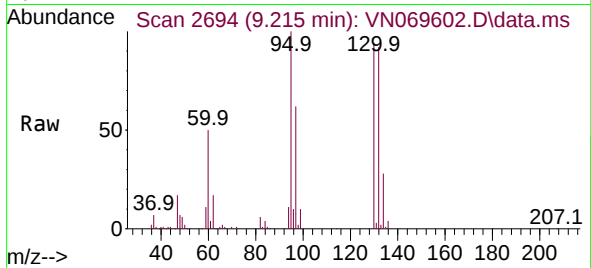




#37
Trichloroethene
Concen: 20.083 ug/l
RT: 9.215 min Scan# 207
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

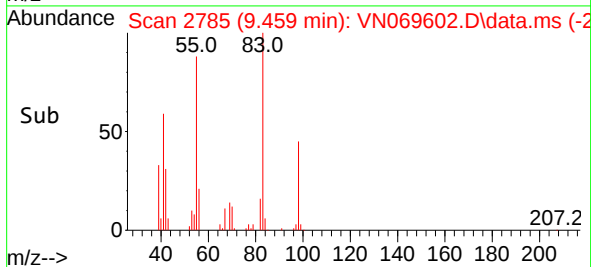
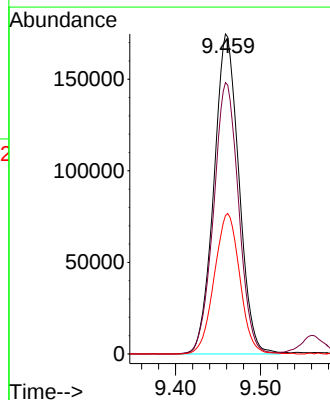
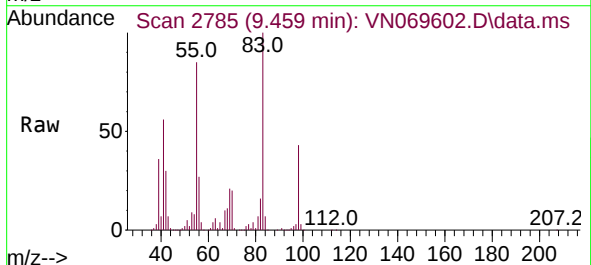
Instrument :
MSVOA_N
ClientSampleId :

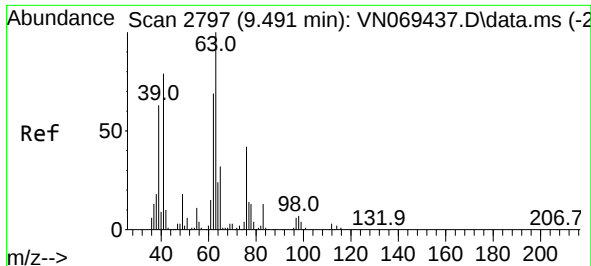
Tgt Ion:130 Resp: 220360
Ion Ratio Lower Upper
130 100
95 105.9 76.6 115.0



#38
Methylcyclohexane
Concen: 19.340 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 83 Resp: 357353
Ion Ratio Lower Upper
83 100
55 85.0 35.1 105.3
98 44.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.262 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

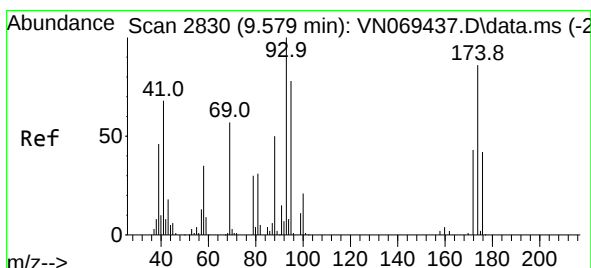
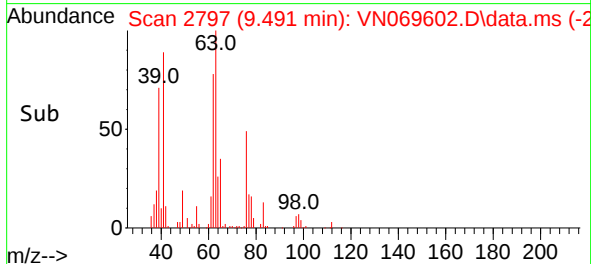
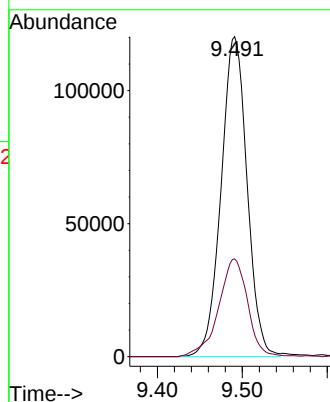
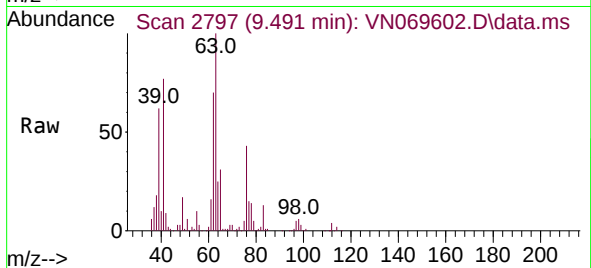
ClientSampleId :

Tgt Ion: 63 Resp: 255757

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#40

Dibromomethane

Concen: 21.760 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

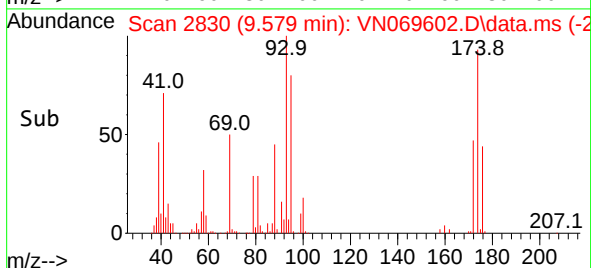
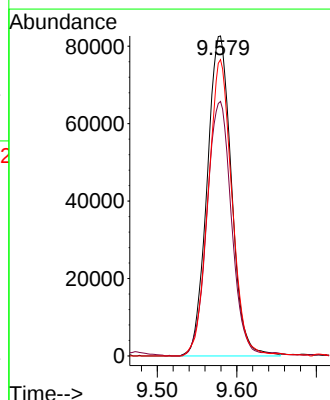
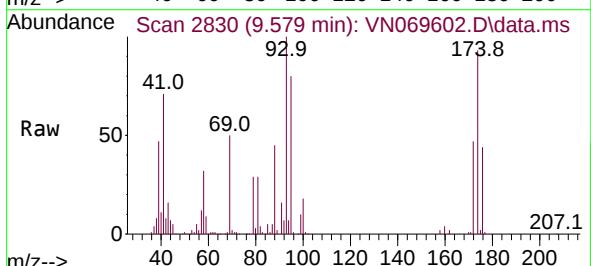
Tgt Ion: 93 Resp: 175296

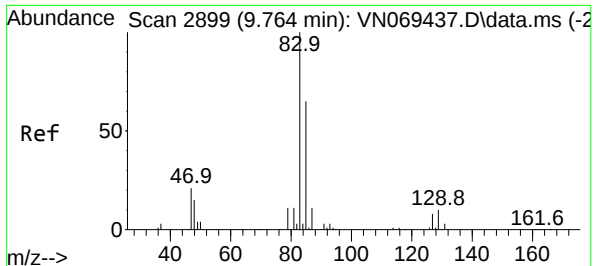
Ion Ratio Lower Upper

93 100

95 80.5 0.0 168.8

174 90.3 0.0 173.6

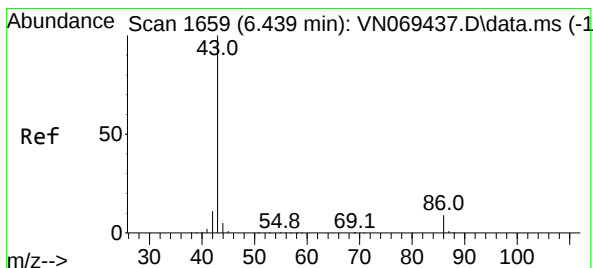
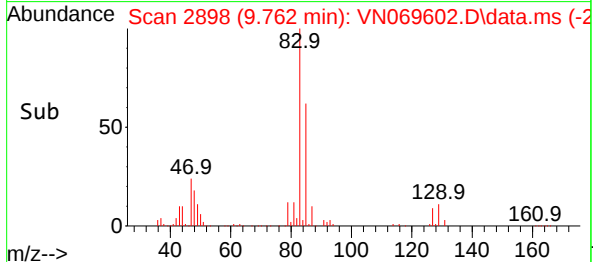
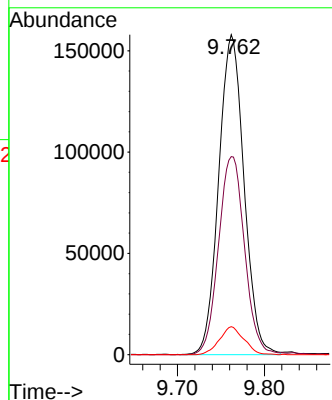
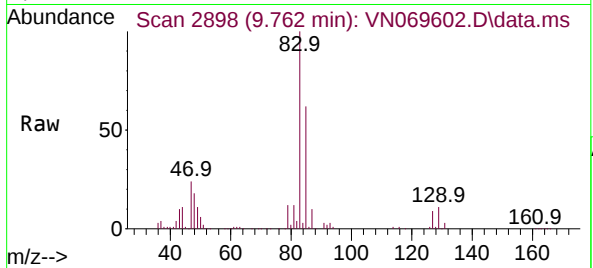




#41
Bromodichloromethane
Concen: 21.137 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

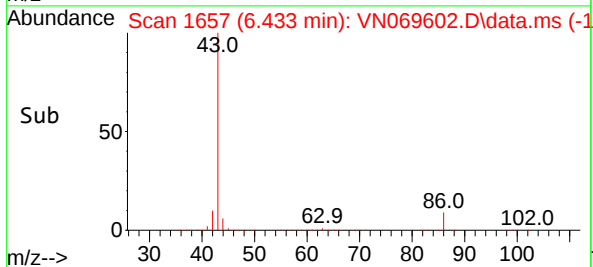
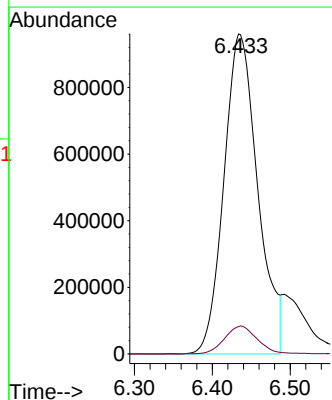
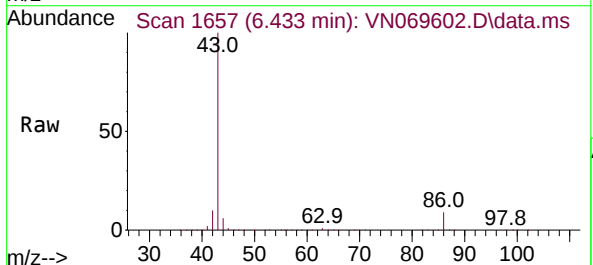
Instrument :
MSVOA_N
ClientSampleId :

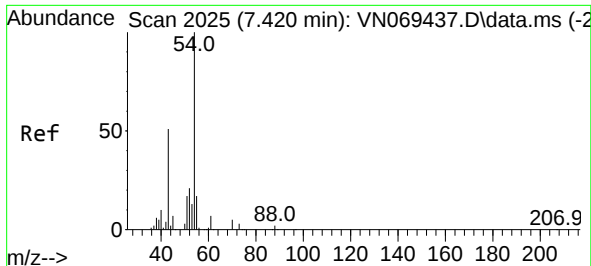
Tgt Ion: 83 Resp: 319613
Ion Ratio Lower Upper
83 100
85 61.9 54.1 81.1
127 8.8 7.6 11.4



#42
Vinyl Acetate
Concen: 94.968 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 43 Resp: 2901290
Ion Ratio Lower Upper
43 100
86 8.4 7.5 11.3





#43

Ethyl Acetate

Concen: 21.231 ug/l

RT: 7.415 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

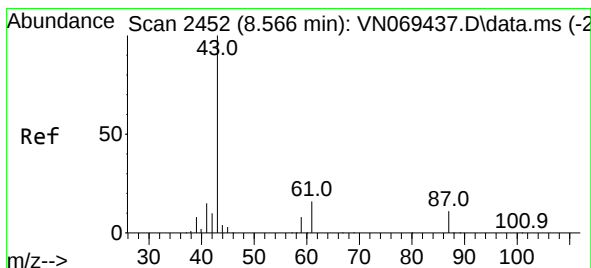
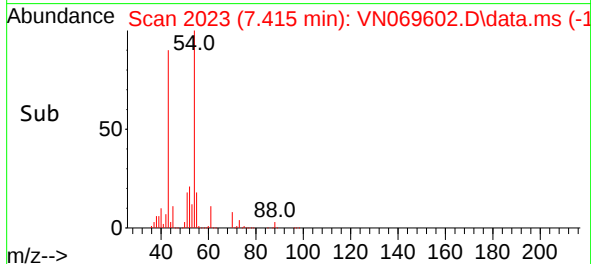
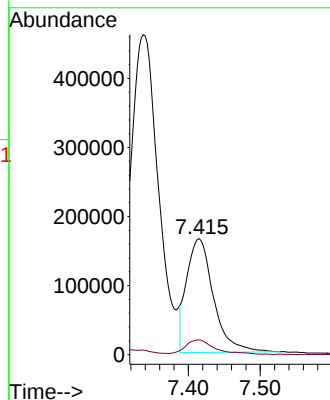
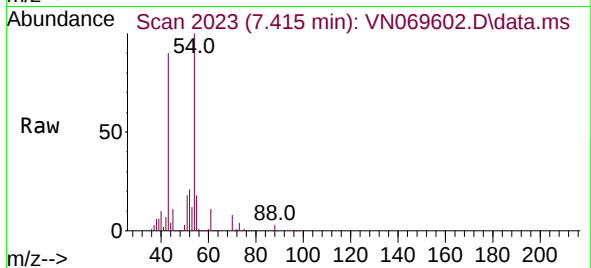
ClientSampleId :

Tgt Ion: 43 Resp: 425333

Ion Ratio Lower Upper

43 100

45 11.1 10.6 16.0



#44

Isopropyl Acetate

Concen: 21.318 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069602.D

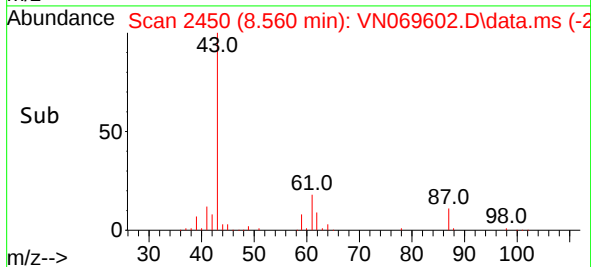
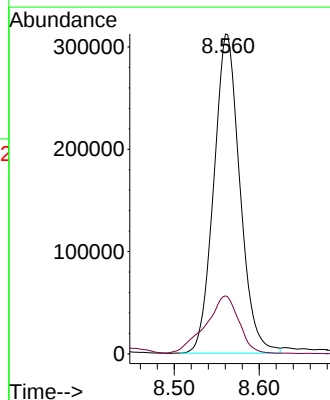
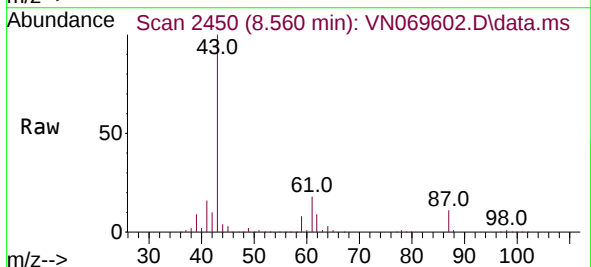
Acq: 22 Nov 2021 11:20

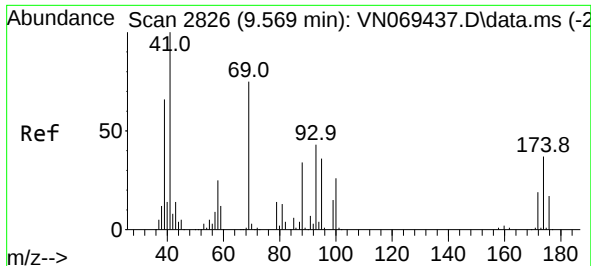
Tgt Ion: 43 Resp: 665841

Ion Ratio Lower Upper

43 100

61 22.7 20.1 30.1

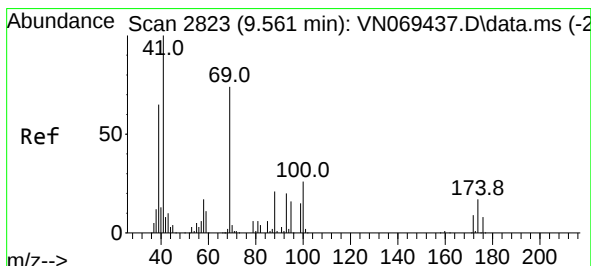
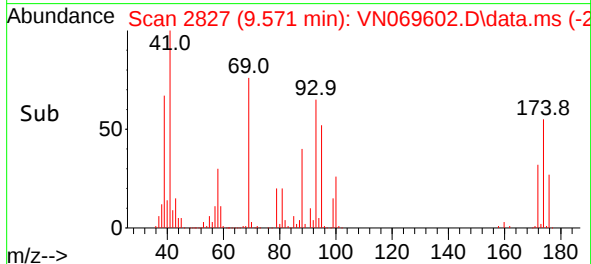
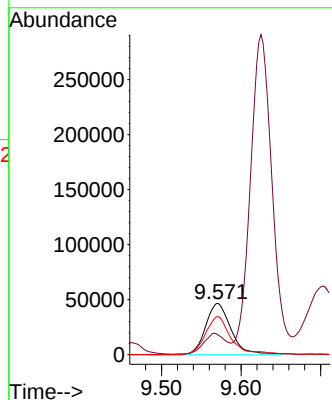
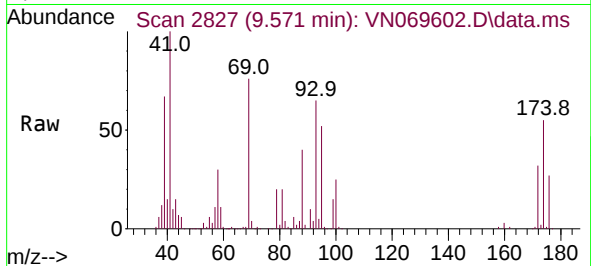




#45
1,4-Dioxane
Concen: 406.511 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

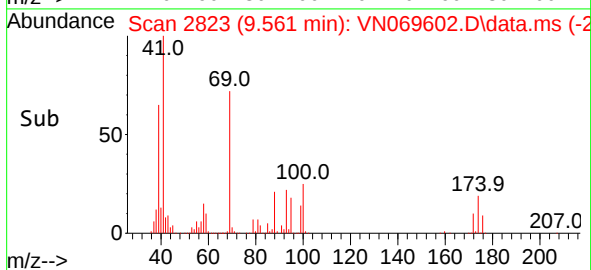
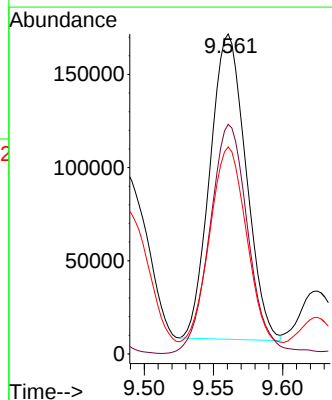
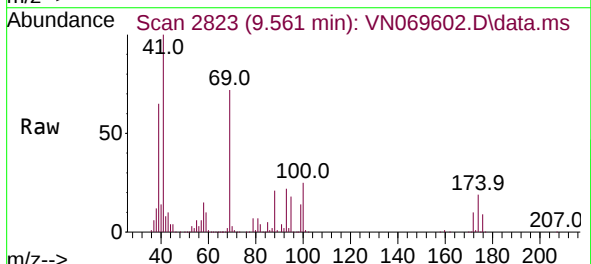
Instrument :
MSVOA_N
ClientSampleId :

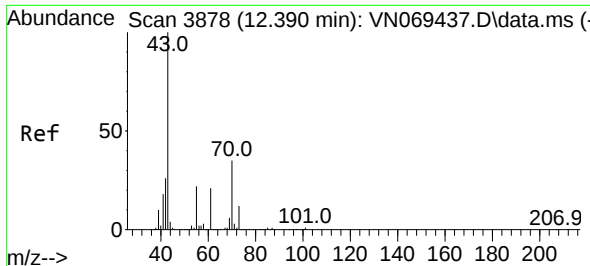
Tgt Ion: 88 Resp: 103066
Ion Ratio Lower Upper
88 100
43 34.2 25.0 37.6
58 71.0 49.4 74.2



#46
Methyl methacrylate
Concen: 20.540 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 41 Resp: 295457
Ion Ratio Lower Upper
41 100
69 73.8 44.4 133.2
39 64.2 39.9 119.6

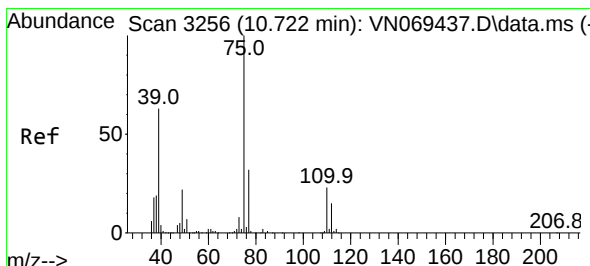
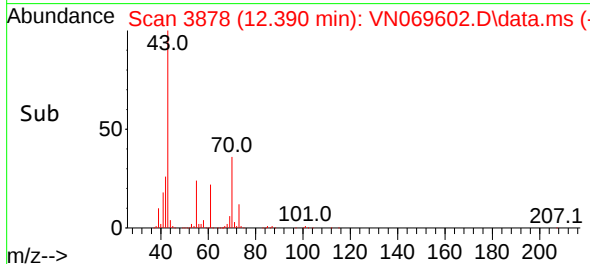
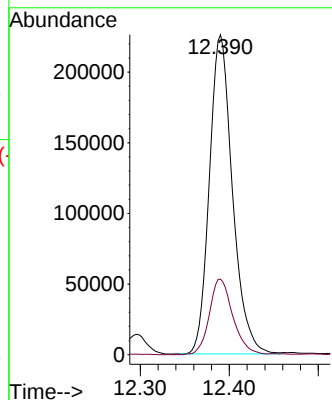
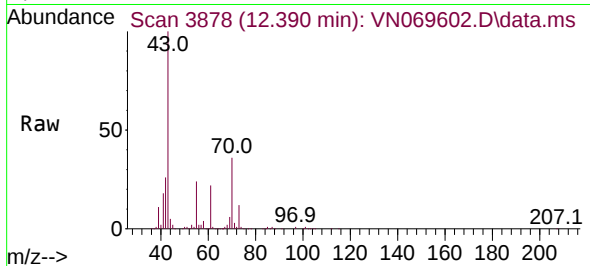




#47
n-amy1 Acetate
Concen: 16.963 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

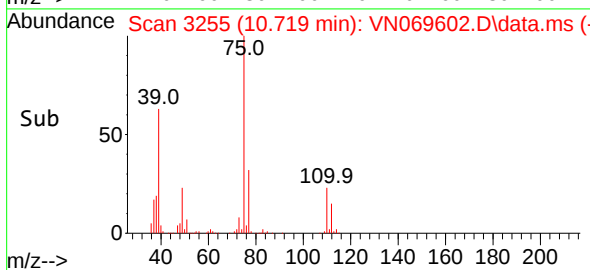
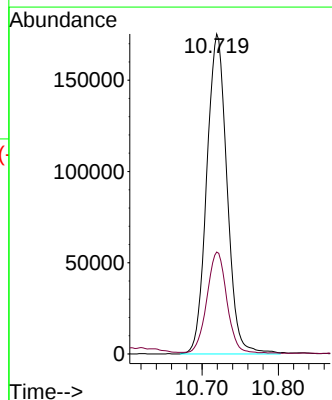
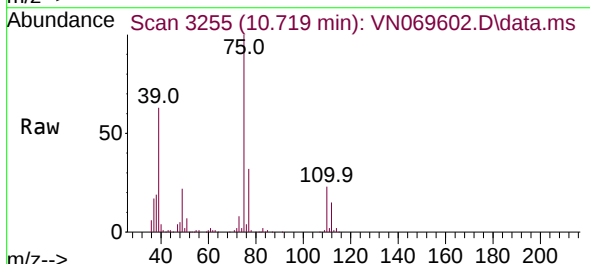
Instrument :
MSVOA_N
ClientSampleId :

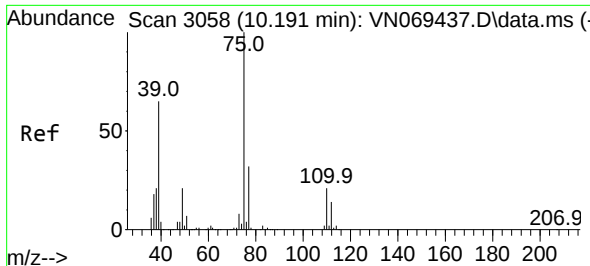
Tgt Ion: 43 Resp: 406839
Ion Ratio Lower Upper
43 100
55 24.1 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 19.961 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 75 Resp: 323916
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

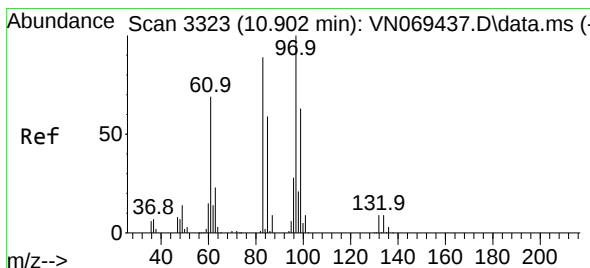
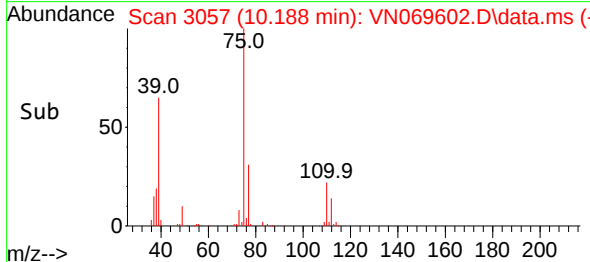
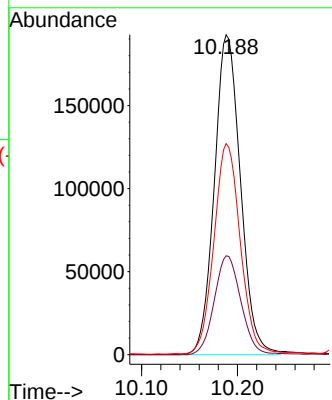
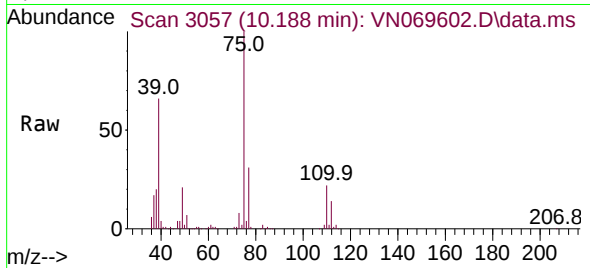




#49
 cis-1,3-Dichloropropene
 Concen: 20.609 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

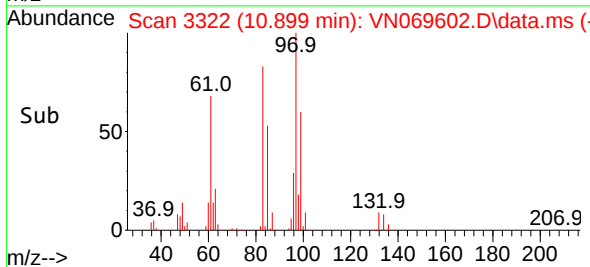
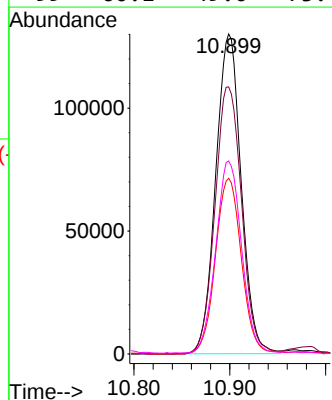
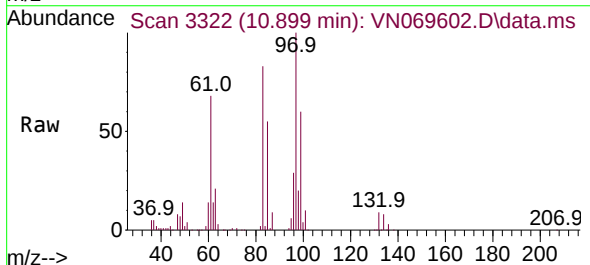
Instrument :
 MSVOA_N
 ClientSampleId :

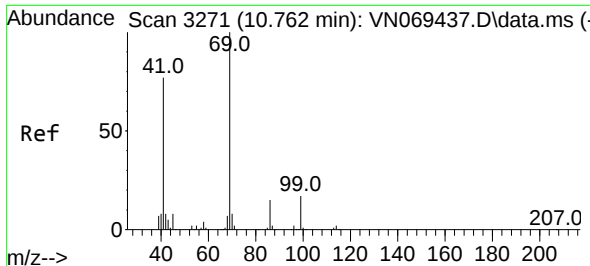
Tgt Ion: 75 Resp: 363927
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 65.6 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 20.953 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion: 97 Resp: 239701
 Ion Ratio Lower Upper
 97 100
 83 83.5 67.2 100.8
 85 55.0 43.0 64.4
 99 60.1 49.0 73.4

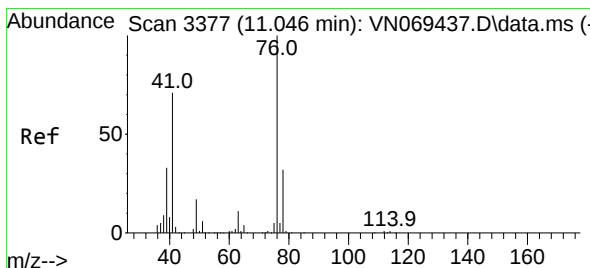
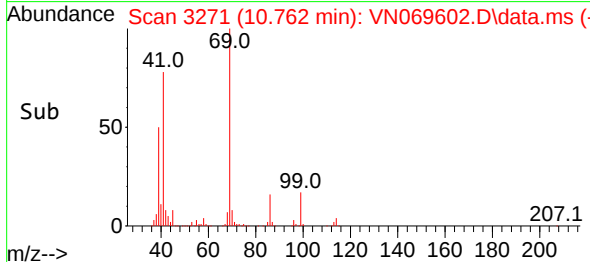
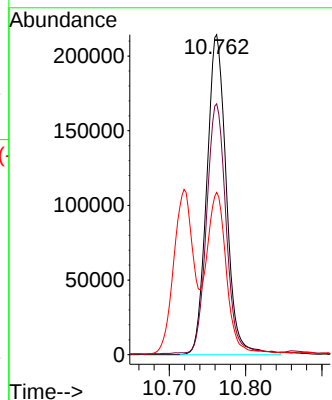
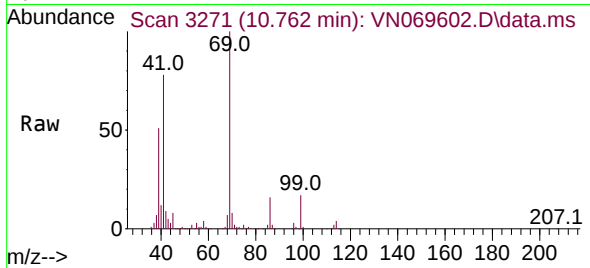




#51
Ethyl methacrylate
Concen: 19.855 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

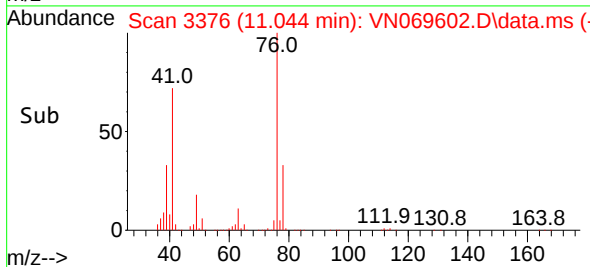
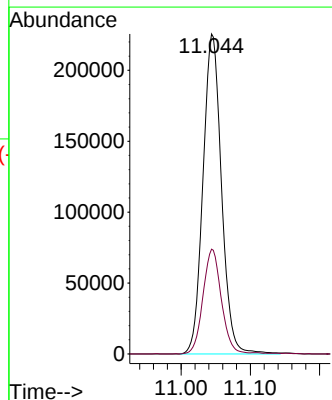
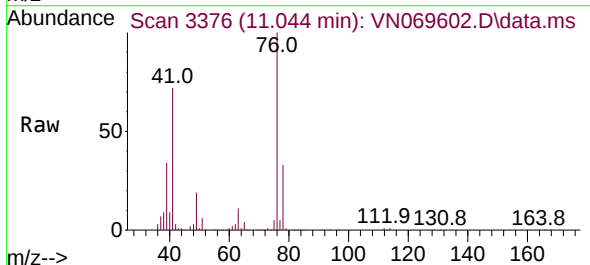
Instrument :
MSVOA_N
ClientSampleId :

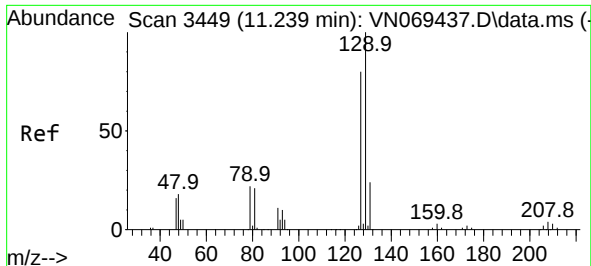
Tgt Ion: 69 Resp: 380815
Ion Ratio Lower Upper
69 100
41 77.8 33.0 98.9
39 50.0 25.4 76.4



#52
1,3-Dichloropropane
Concen: 21.210 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 76 Resp: 419127
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4

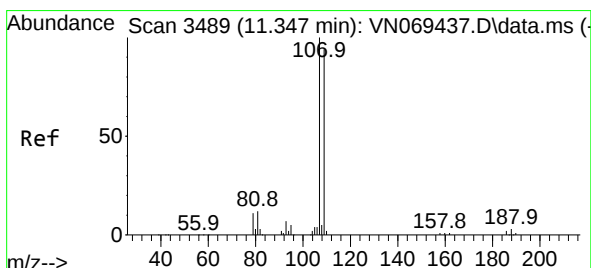
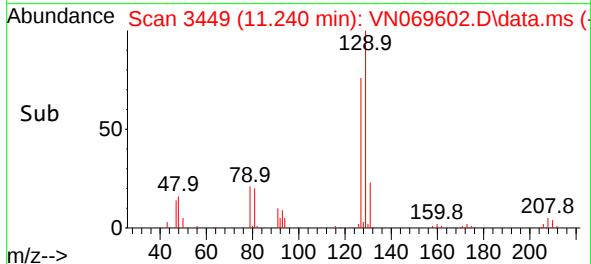
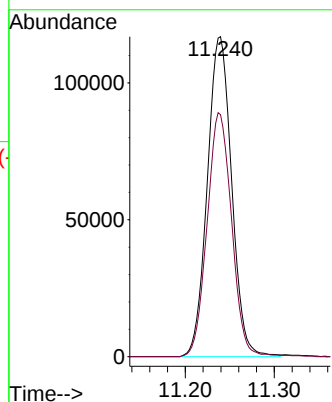
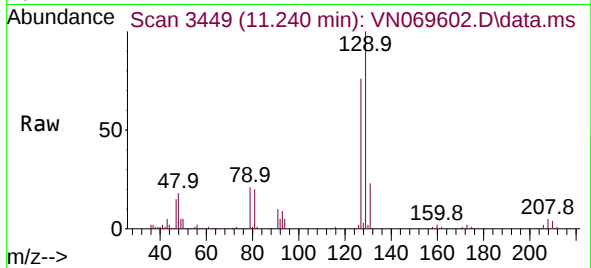




#53
Dibromochloromethane
Concen: 20.304 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

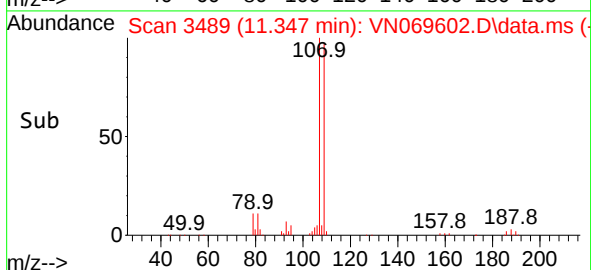
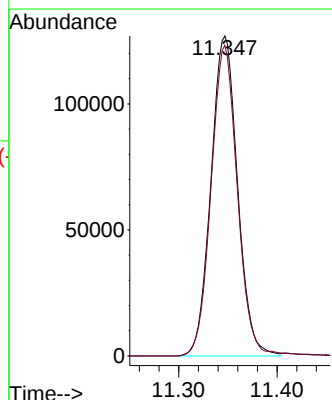
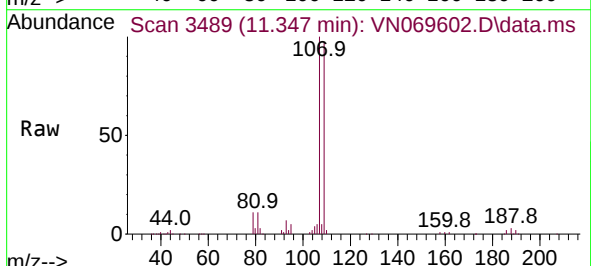
Instrument :
MSVOA_N
ClientSampleId :

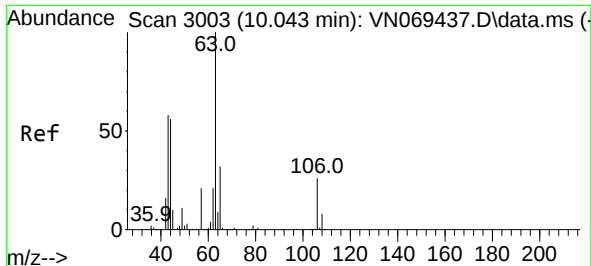
Tgt Ion:129 Resp: 221961
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 20.164 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:107 Resp: 238898
Ion Ratio Lower Upper
107 100
109 94.8 72.8 109.2

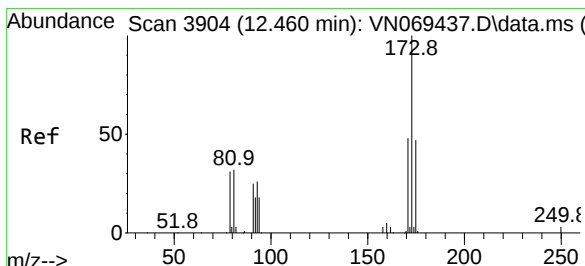
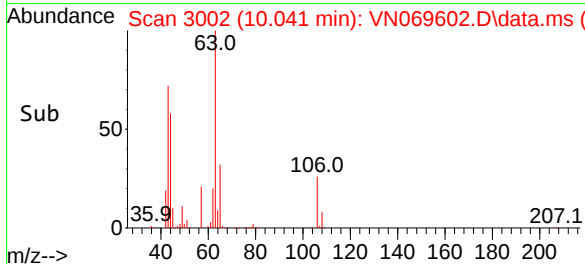
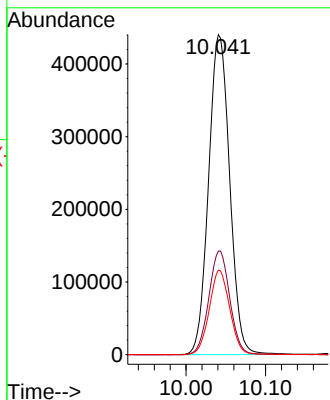
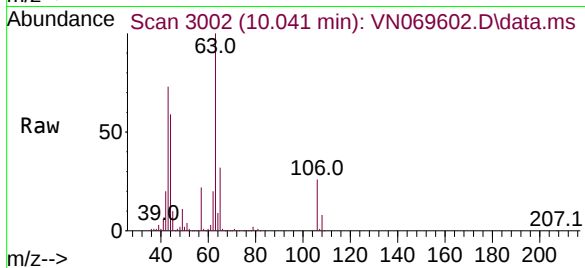




#55
2-Chloroethyl vinyl ether
Concen: 186.401 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

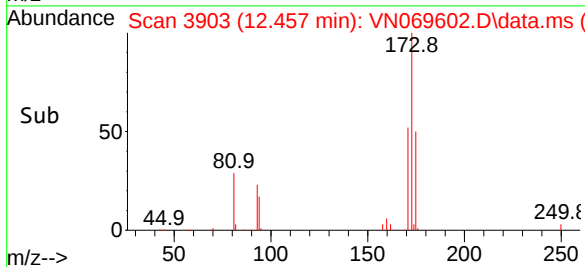
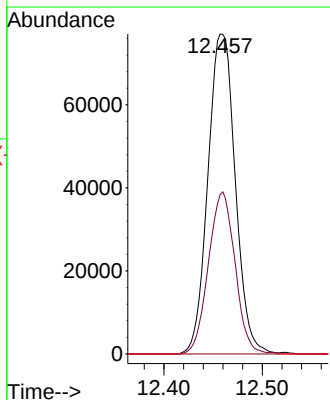
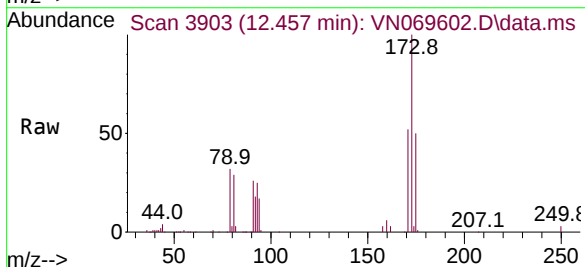
Instrument :
MSVOA_N
ClientSampleId :

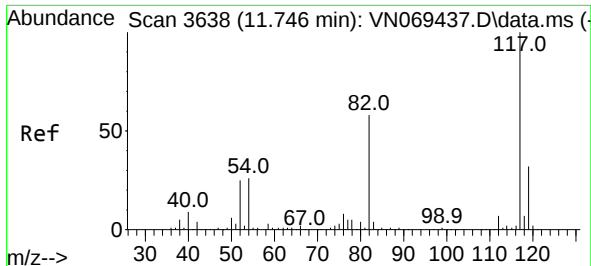
Tgt Ion: 63 Resp: 813221
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 25.6 23.2 34.8



#56
Bromoform
Concen: 19.045 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:173 Resp: 149295
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

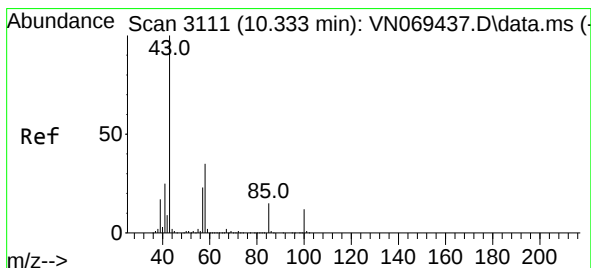
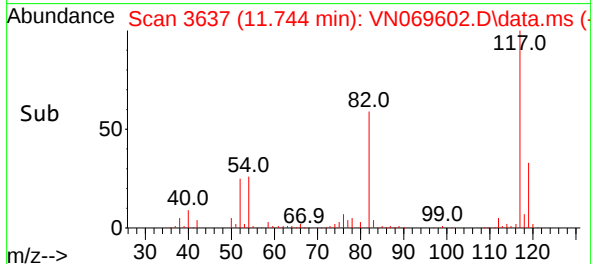
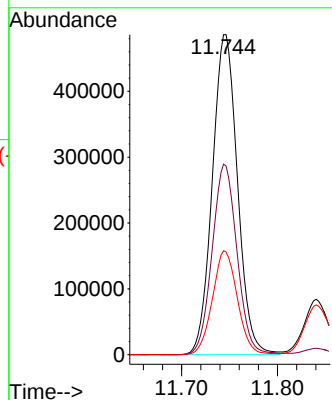
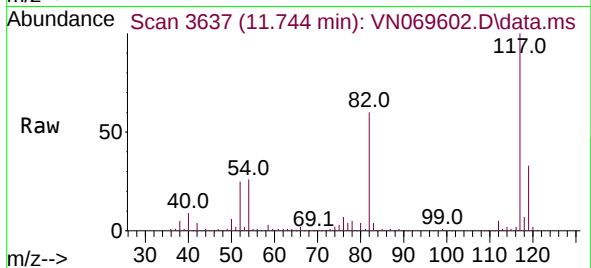
Tgt Ion:117 Resp: 887133

Ion Ratio Lower Upper

117 100

82 58.8 43.6 65.4

119 32.1 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 111.028 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

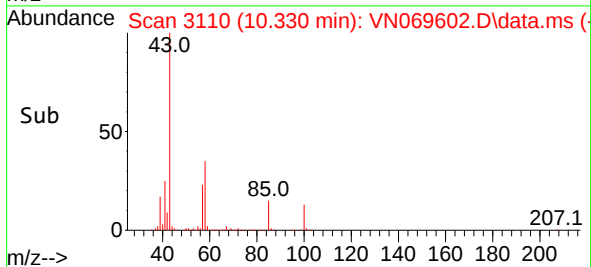
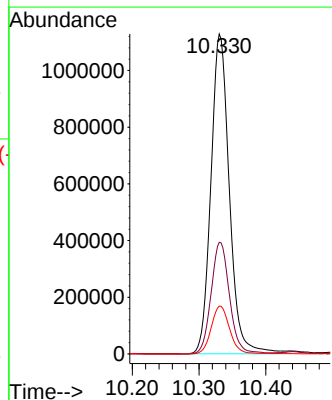
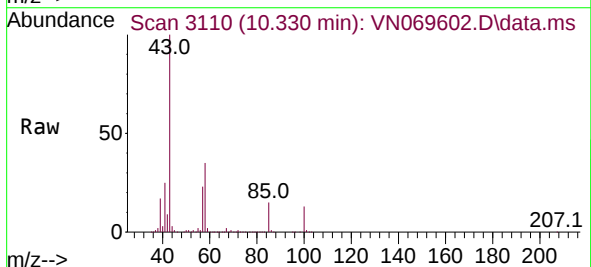
Tgt Ion: 43 Resp: 2162079

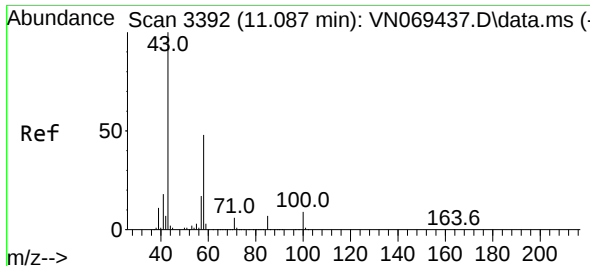
Ion Ratio Lower Upper

43 100

58 35.0 30.0 45.0

85 14.9 15.0 22.6#

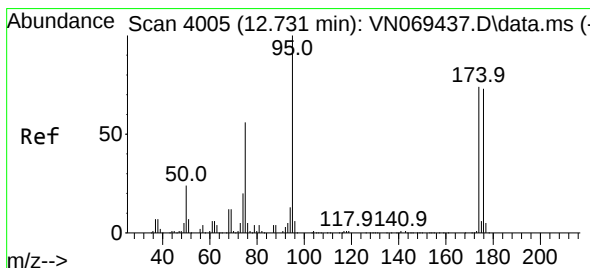
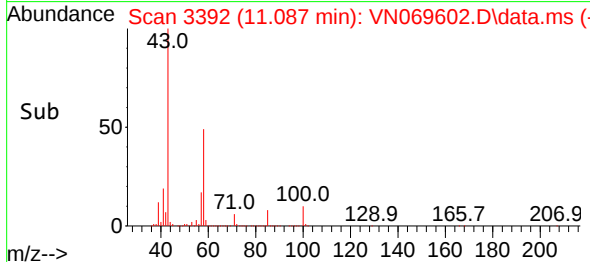
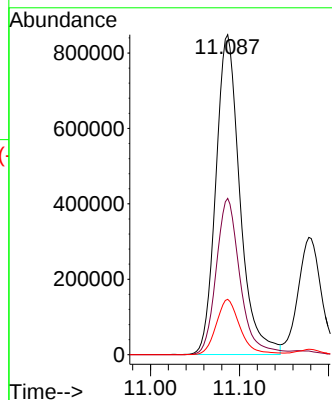
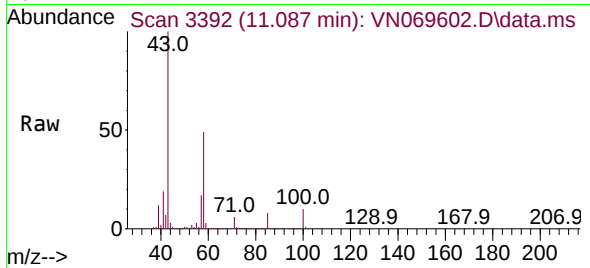




#59
2-Hexanone
Concen: 107.696 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

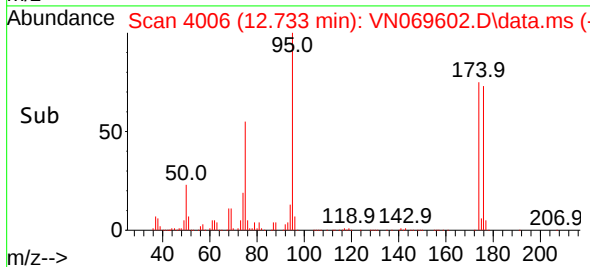
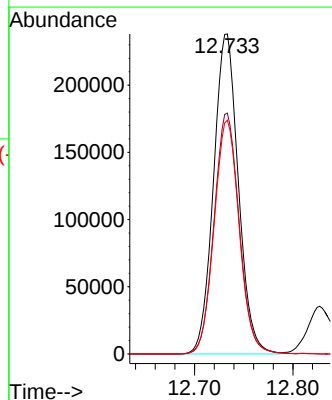
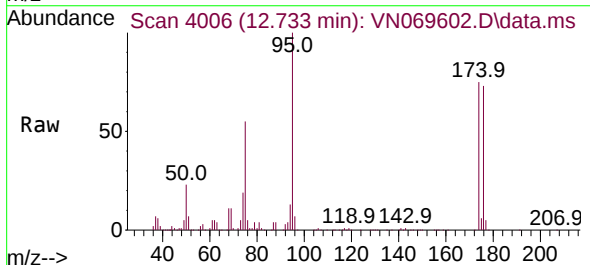
Instrument :
MSVOA_N
ClientSampleId :

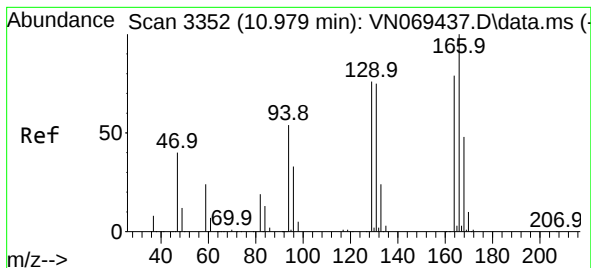
Tgt Ion: 43 Resp: 1595260
Ion Ratio Lower Upper
43 100
58 48.7 42.2 63.2
57 17.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.467 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 95 Resp: 418326
Ion Ratio Lower Upper
95 100
174 76.2 62.9 94.3
176 73.9 61.0 91.4





#61

Tetrachloroethene

Concen: 21.139 ug/l

RT: 10.979 min Scan# 3175

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 201278

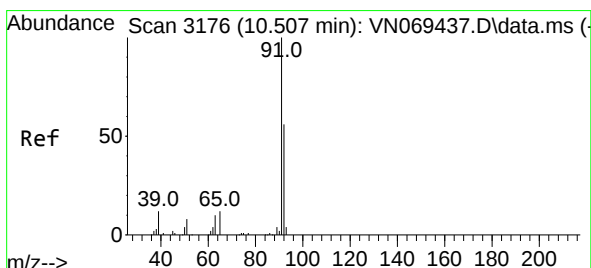
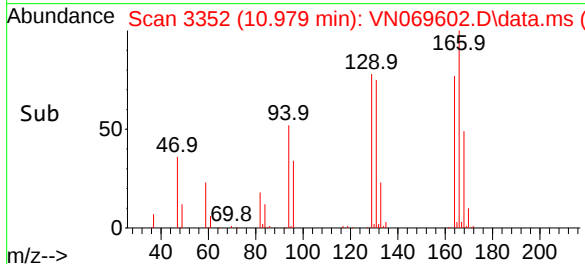
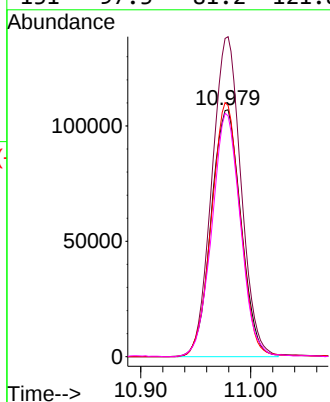
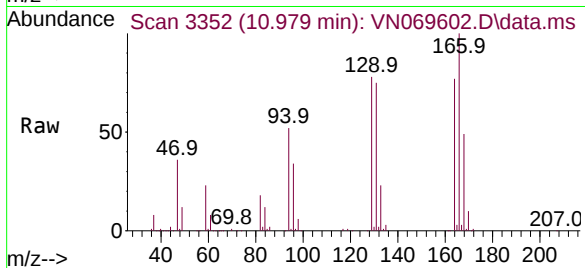
Ion Ratio Lower Upper

164 100

166 129.4 105.8 158.8

129 101.6 82.5 123.7

131 97.3 81.2 121.8



#62

Toluene

Concen: 20.691 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN069602.D

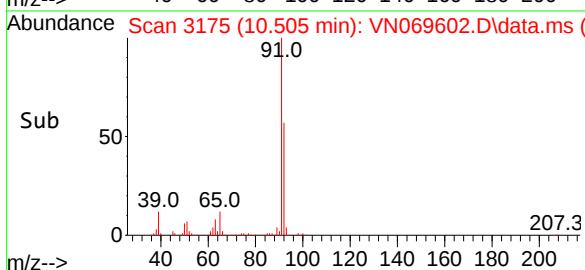
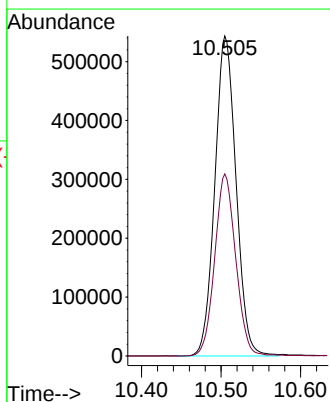
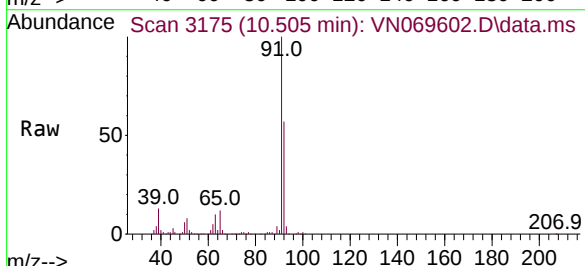
Acq: 22 Nov 2021 11:20

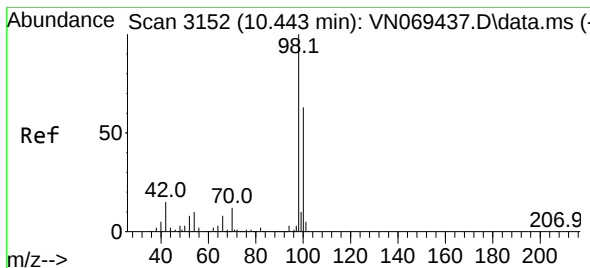
Tgt Ion: 91 Resp: 1008696

Ion Ratio Lower Upper

91 100

92 56.2 44.6 67.0





#63

Toluene-d8

Concen: 30.666 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

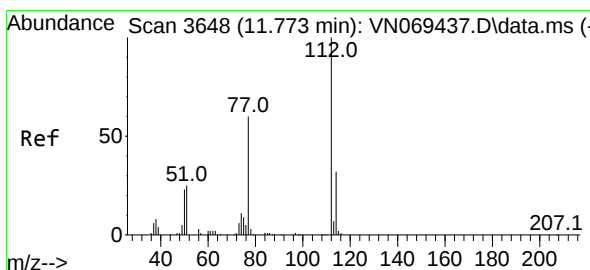
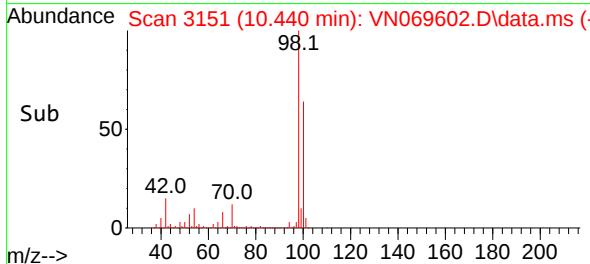
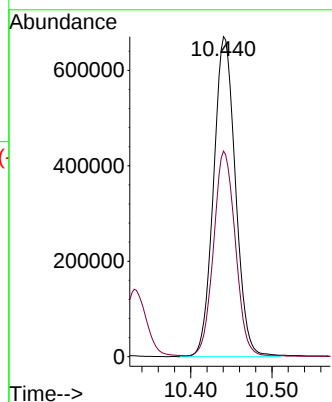
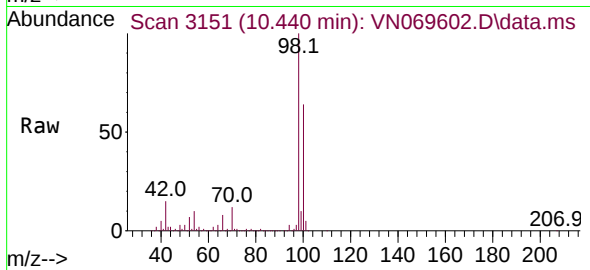
ClientSampleId :

Tgt Ion: 98 Resp: 1256125

Ion Ratio Lower Upper

98 100

100 63.2 50.6 76.0



#64

Chlorobenzene

Concen: 20.112 ug/l

RT: 11.771 min Scan# 3647

Delta R.T. -0.003 min

Lab File: VN069602.D

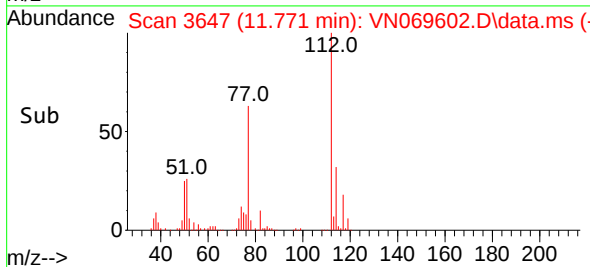
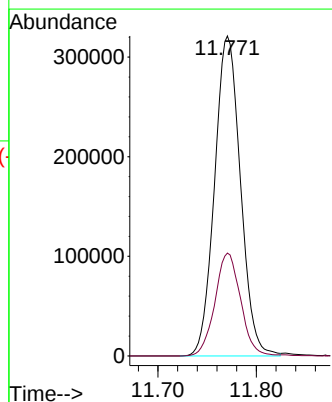
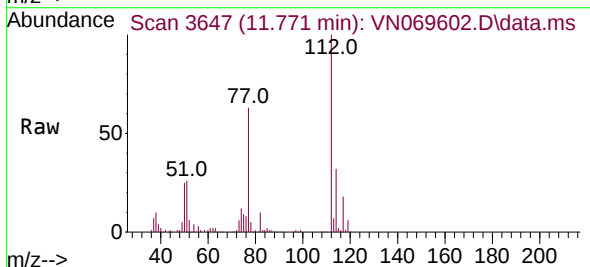
Acq: 22 Nov 2021 11:20

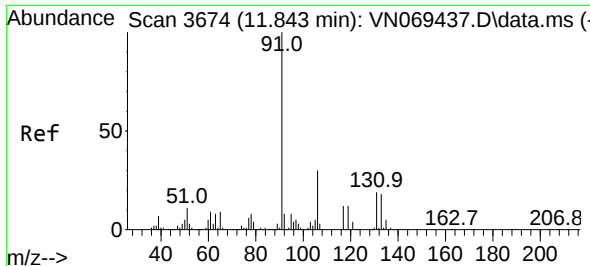
Tgt Ion: 112 Resp: 588216

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

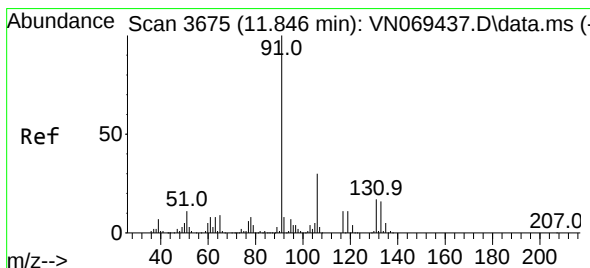
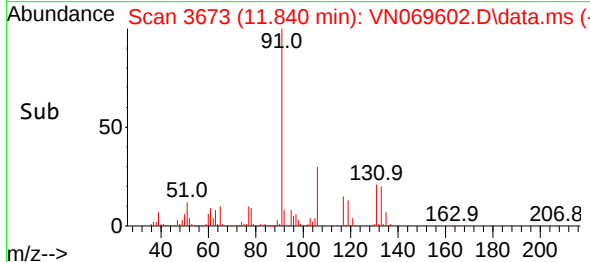
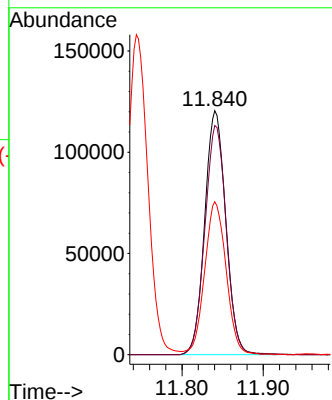
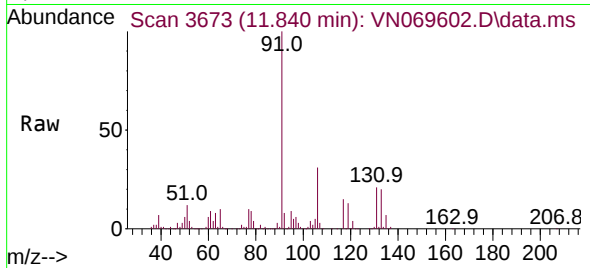




#65
1,1,1,2-Tetrachloroethane
Concen: 21.153 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

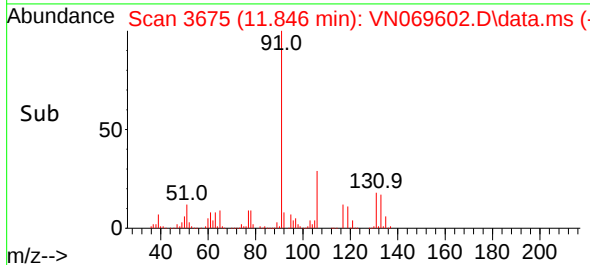
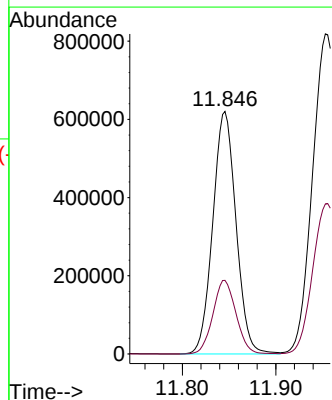
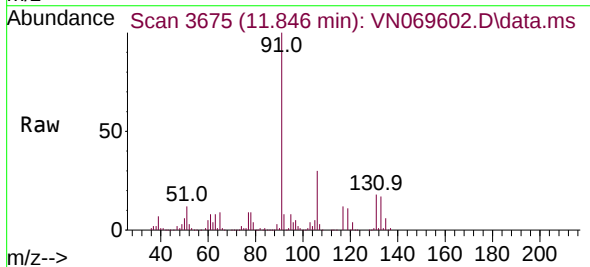
Instrument :
MSVOA_N
ClientSampleId :

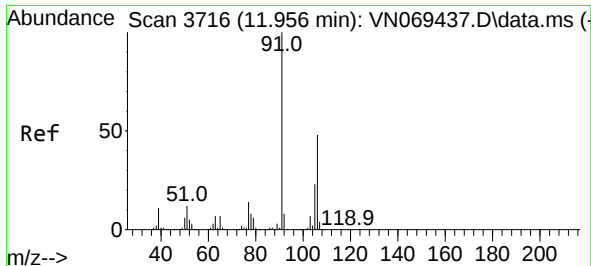
Tgt Ion:131 Resp: 217809
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 63.5 0.0 128.8



#66
Ethyl Benzene
Concen: 19.898 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 91 Resp: 1073704
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

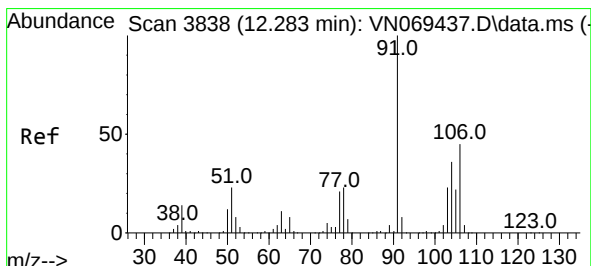
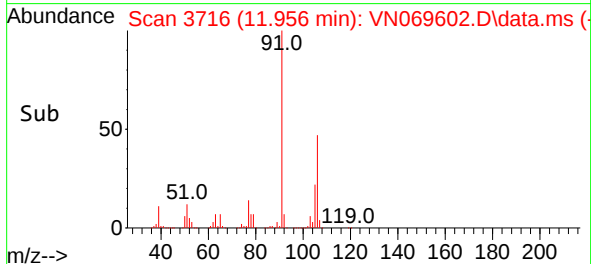
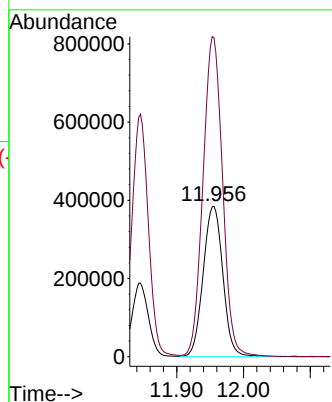
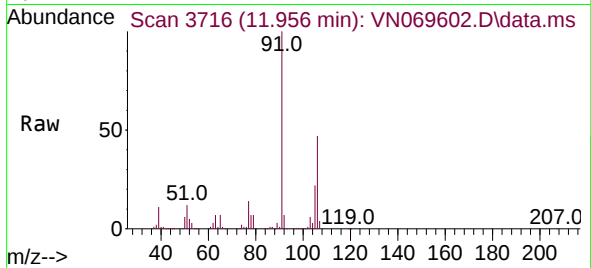




#67
m/p-Xylenes
Concen: 39.266 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

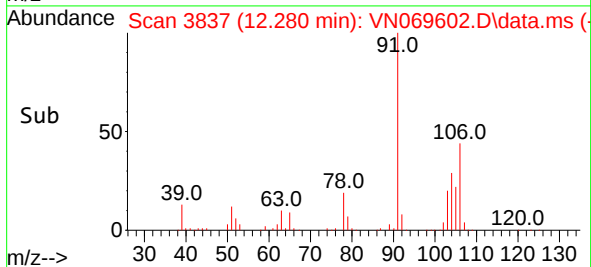
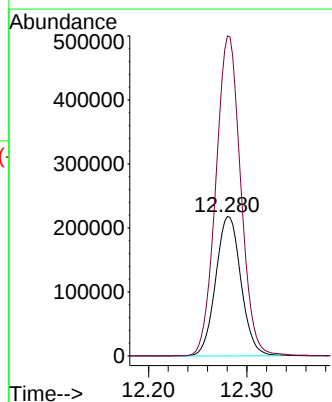
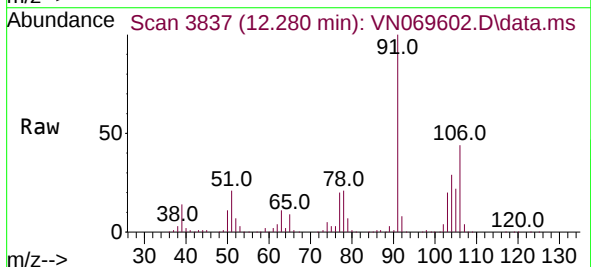
Instrument :
MSVOA_N
ClientSampleId :

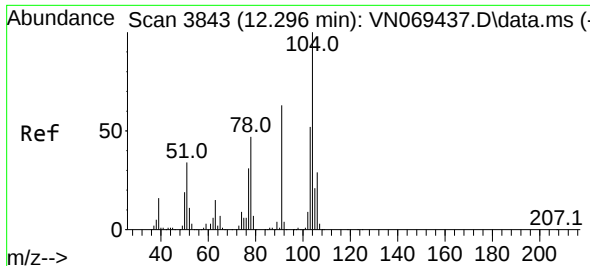
Tgt Ion:106 Resp: 786941
Ion Ratio Lower Upper
106 100
91 212.2 162.9 244.3



#68
o-Xylene
Concen: 19.411 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:106 Resp: 389510
Ion Ratio Lower Upper
106 100
91 226.1 107.7 323.1

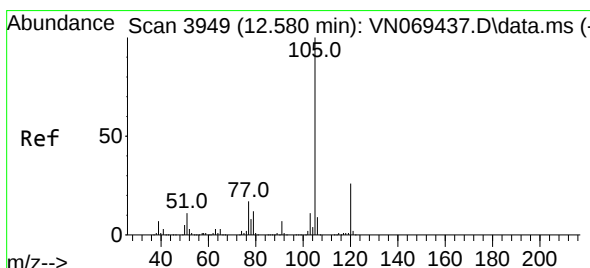
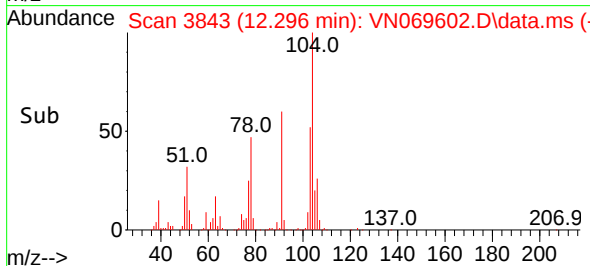
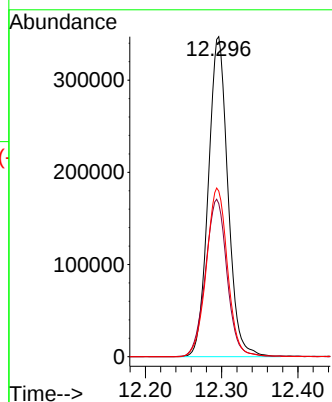
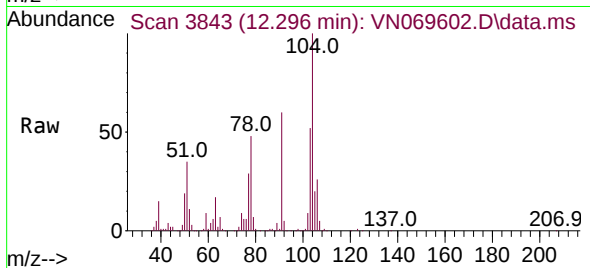




#69
Styrene
Concen: 19.080 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

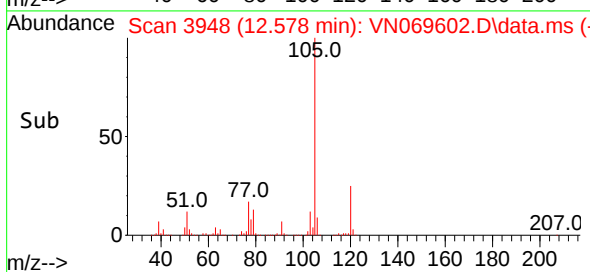
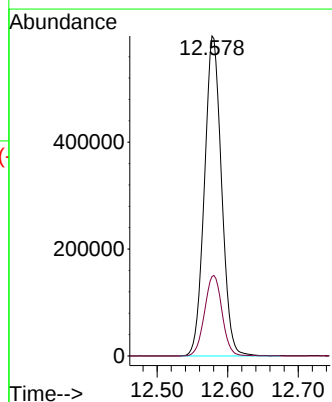
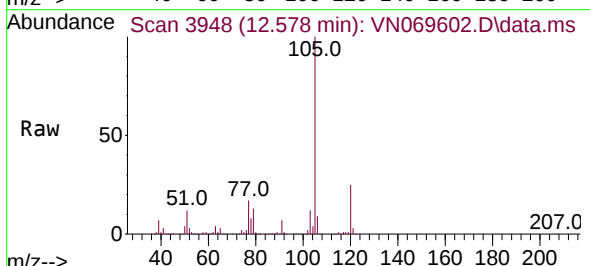
Instrument :
MSVOA_N
ClientSampleId :

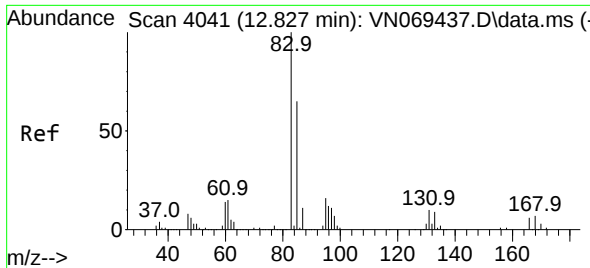
Tgt Ion:104 Resp: 620748
Ion Ratio Lower Upper
104 100
78 54.2 40.7 61.1
103 56.8 45.8 68.8



#70
Isopropylbenzene
Concen: 19.208 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:105 Resp: 1008057
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1

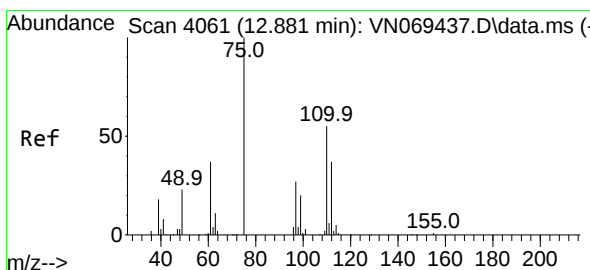
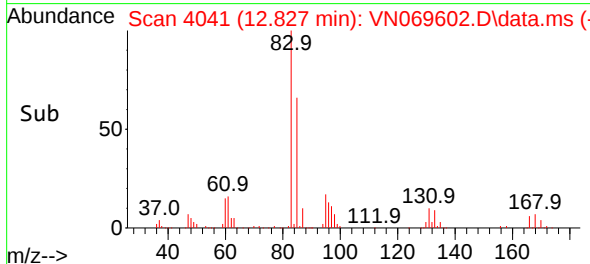
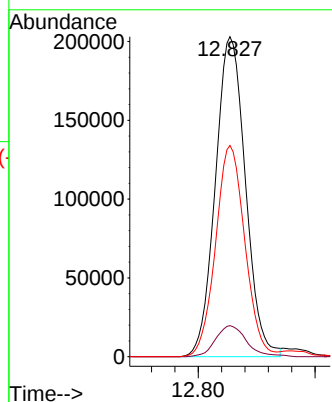
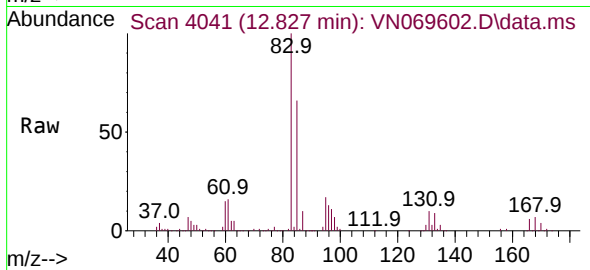




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.974 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

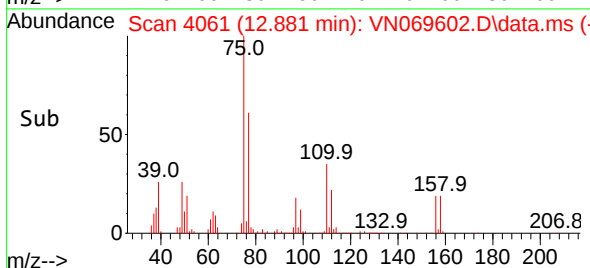
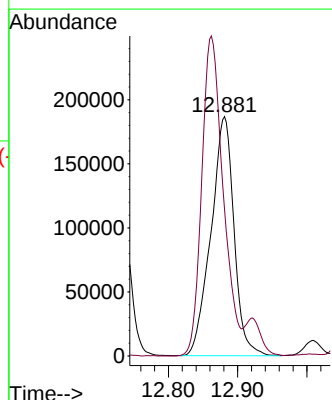
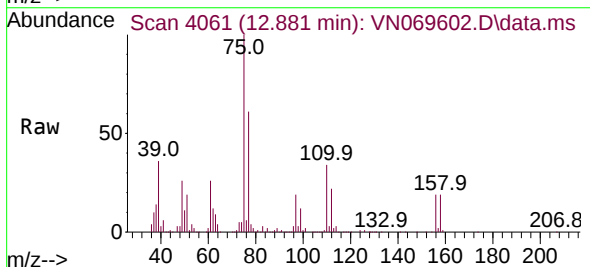
Instrument :
 MSVOA_N
 ClientSampleId :

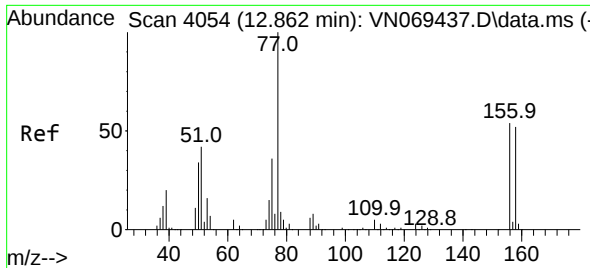
Tgt Ion: 83 Resp: 363205
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 64.2 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 25.602 ug/l
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion: 75 Resp: 431898
 Ion Ratio Lower Upper
 75 100
 77 124.0 0.0 378.0

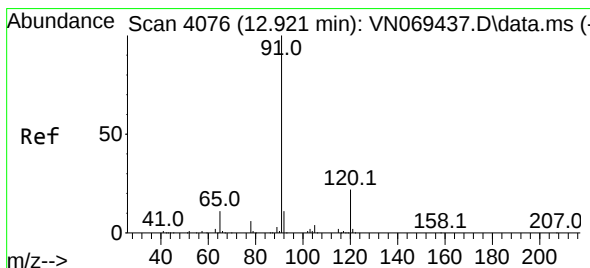
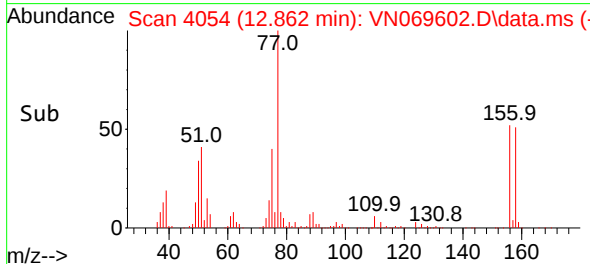
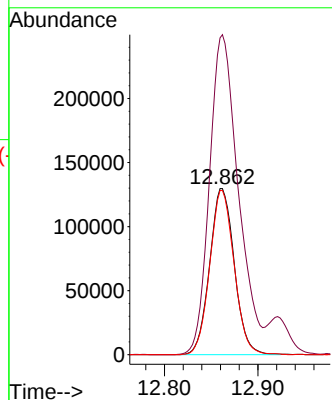
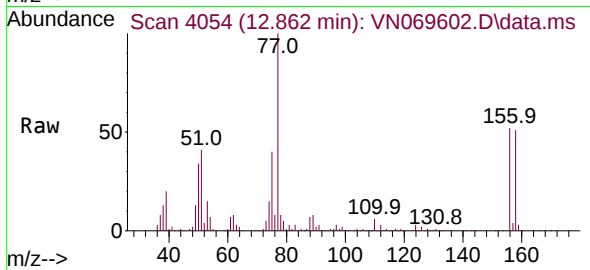




#73
Bromobenzene
Concen: 19.681 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

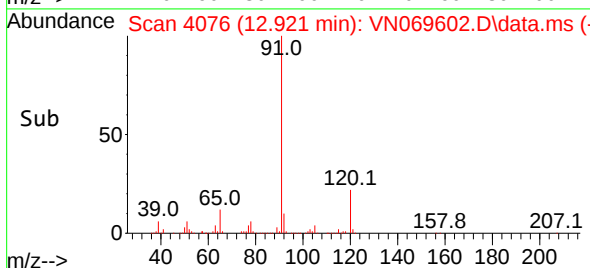
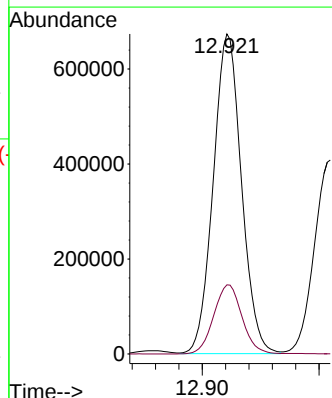
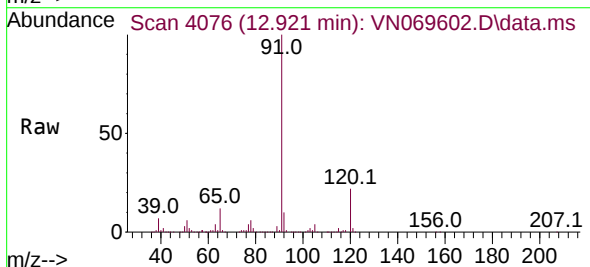
Instrument :
MSVOA_N
ClientSampleId :

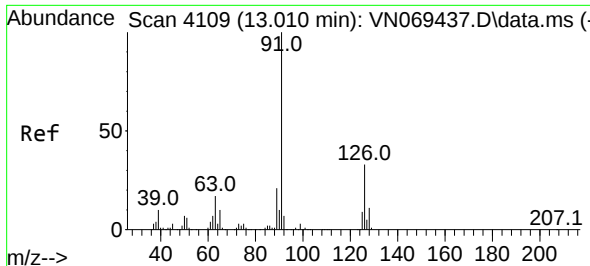
Tgt Ion:156 Resp: 238087
Ion Ratio Lower Upper
156 100
77 224.9 0.0 416.0
158 97.6 0.0 195.4



#74
n-propylbenzene
Concen: 18.714 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 91 Resp: 1127937
Ion Ratio Lower Upper
91 100
120 21.7 0.0 45.0

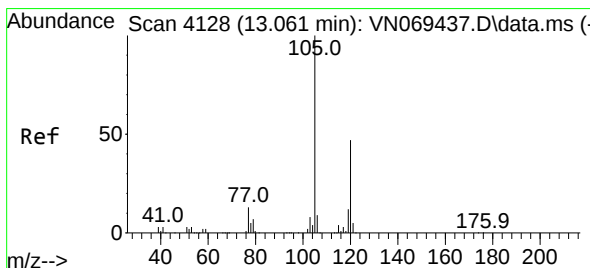
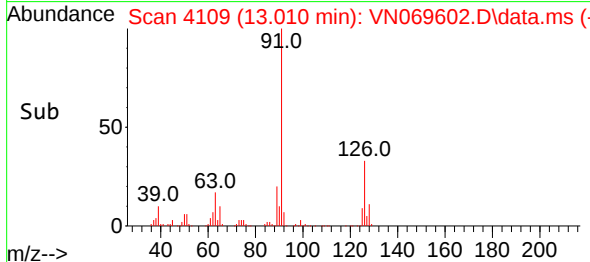
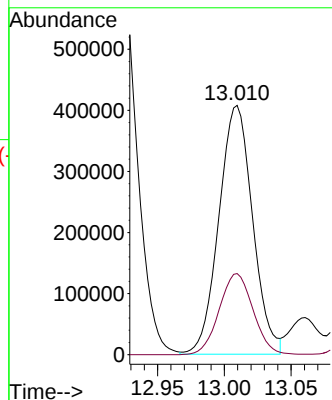
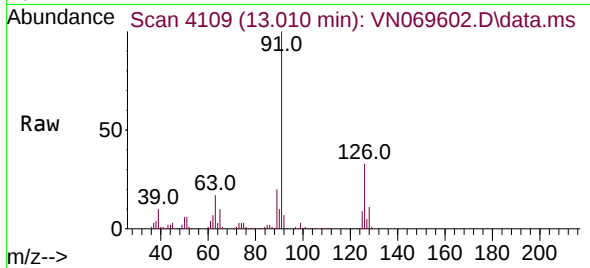




#75
2-Chlorotoluene
Concen: 19.551 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

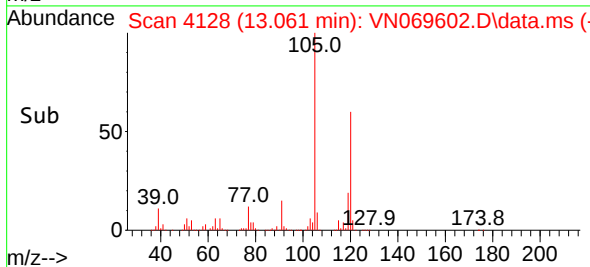
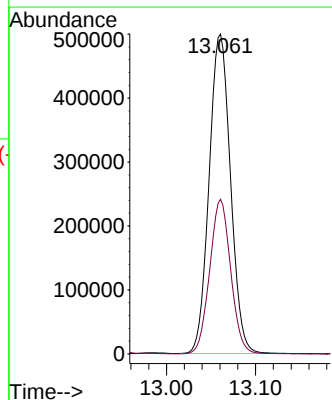
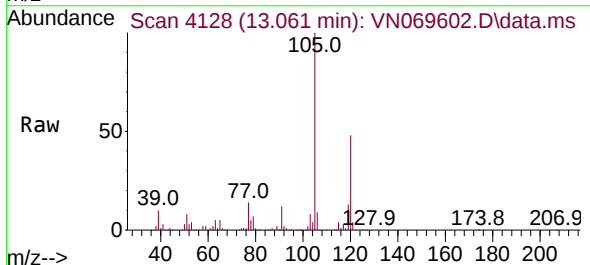
Instrument :
MSVOA_N
ClientSampleId :

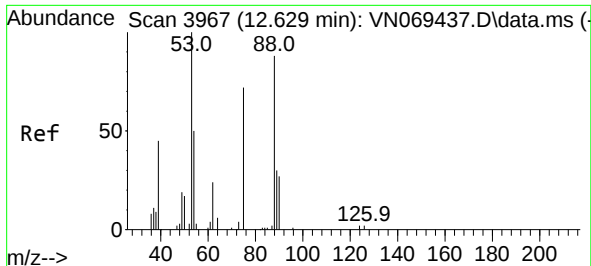
Tgt Ion: 91 Resp: 717341
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.310 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 105 Resp: 831772
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8

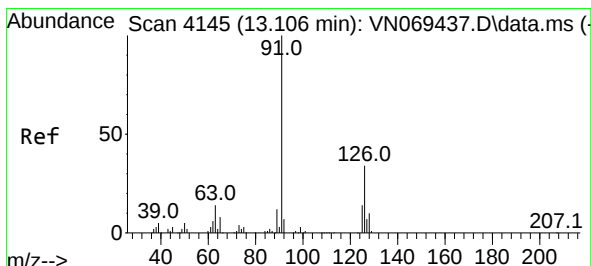
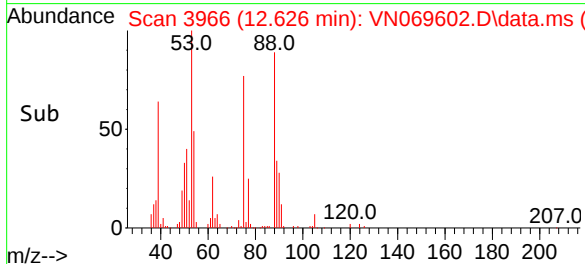
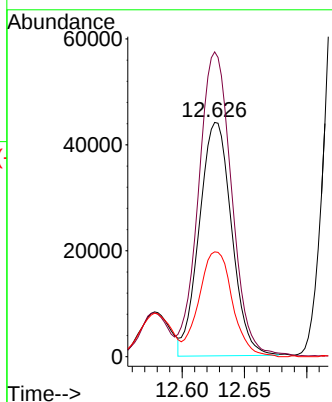
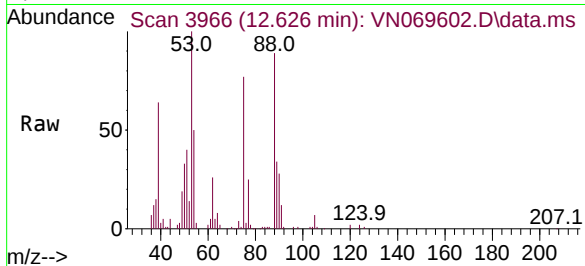




#77
t-1,4-Dichloro-2-butene
Concen: 17.449 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

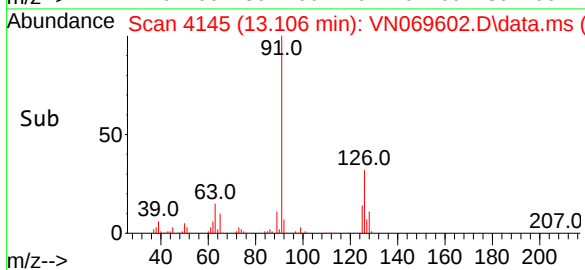
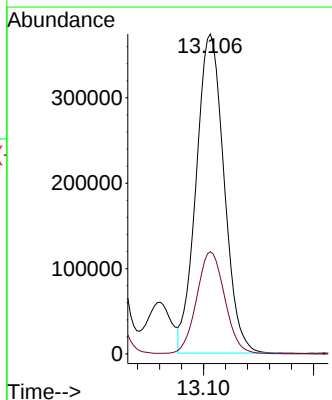
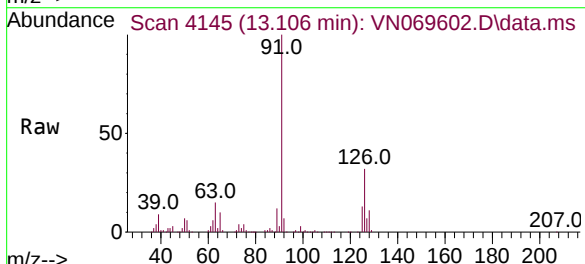
Instrument :
MSVOA_N
ClientSampleId :

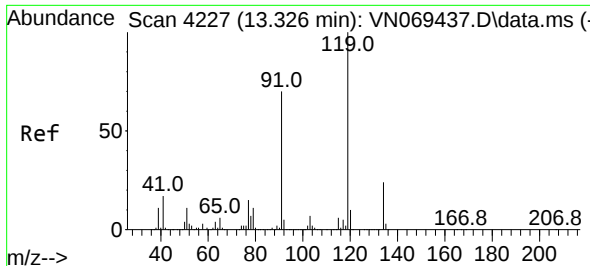
Tgt Ion: 75 Resp: 79458
Ion Ratio Lower Upper
75 100
53 129.8 51.8 155.5
89 45.2 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.710 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion: 91 Resp: 657392
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6

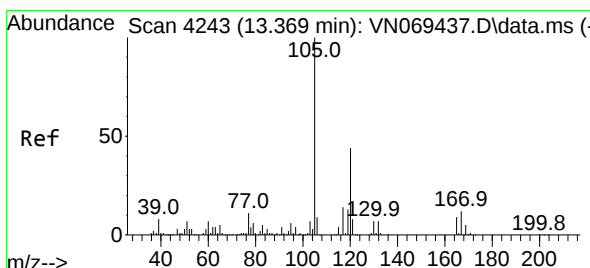
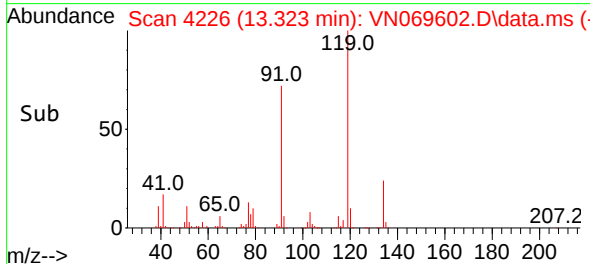
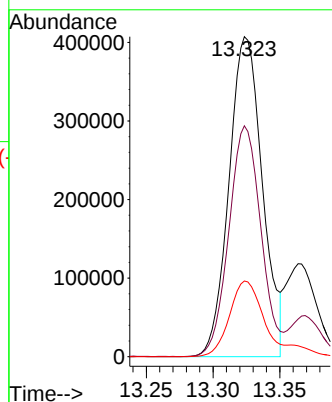
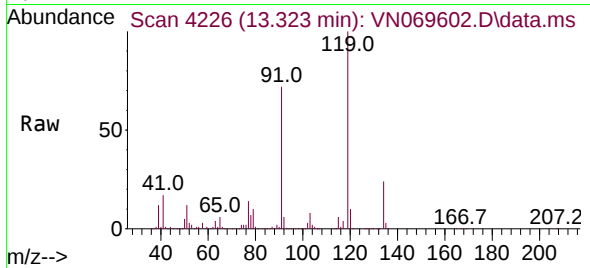




#79
tert-butylbenzene
Concen: 18.756 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

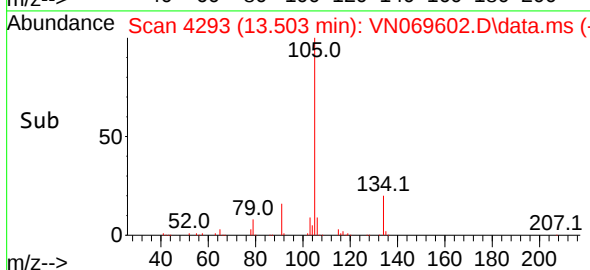
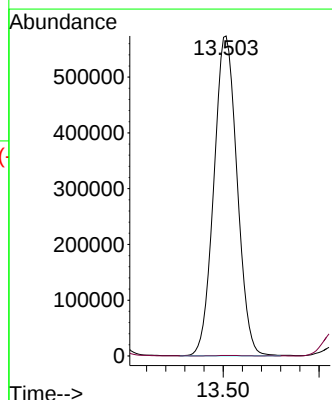
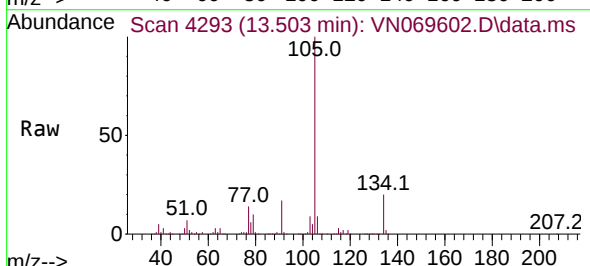
Instrument :
MSVOA_N
ClientSampleId :

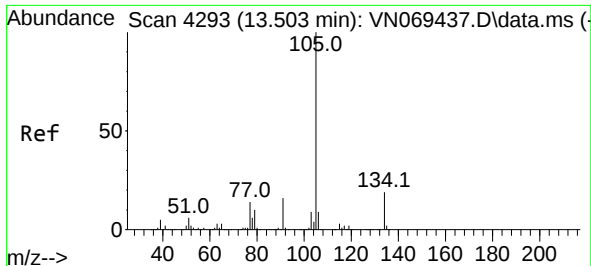
Tgt Ion:119 Resp: 710665
Ion Ratio Lower Upper
119 100
91 69.5 0.0 137.0
134 23.5 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 22.895 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

Tgt Ion:105 Resp: 962022
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

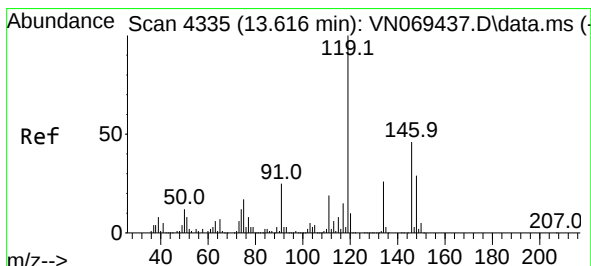
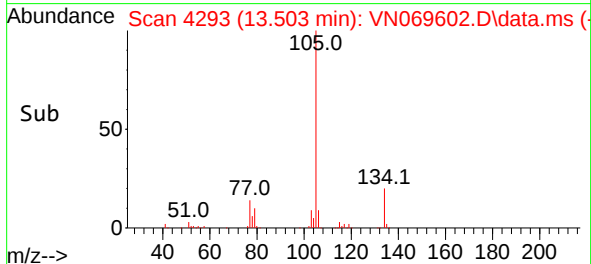
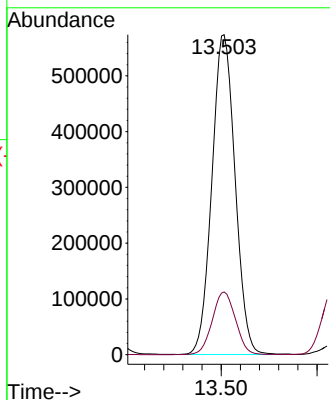
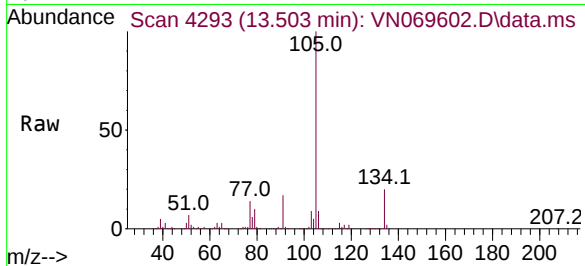




#81
 sec-Butylbenzene
 Concen: 18.146 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

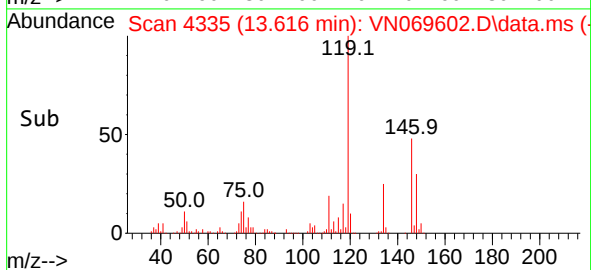
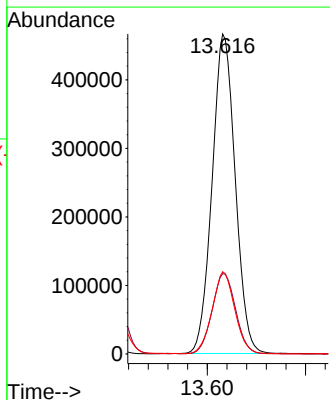
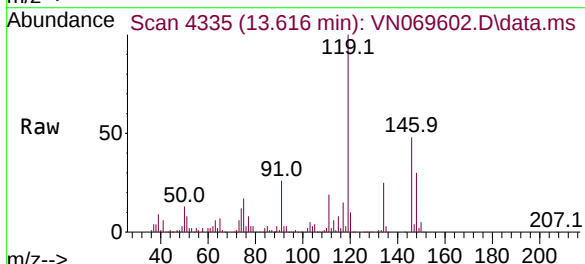
Instrument :
 MSVOA_N
 ClientSampleId :

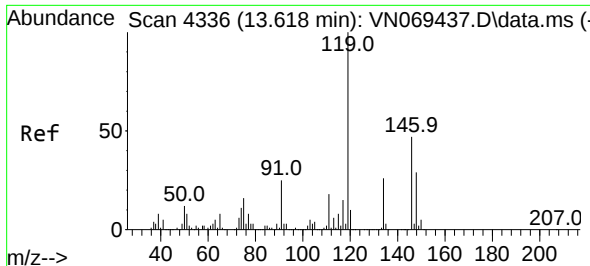
Tgt Ion:105 Resp: 962022
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.997 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion:119 Resp: 761289
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 25.0 0.0 50.4

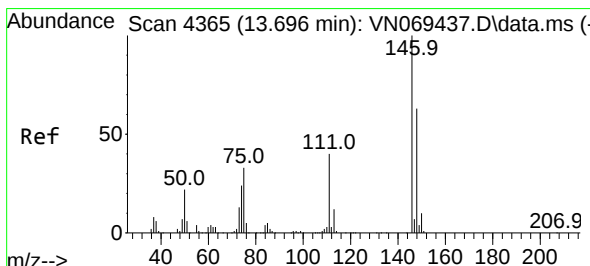
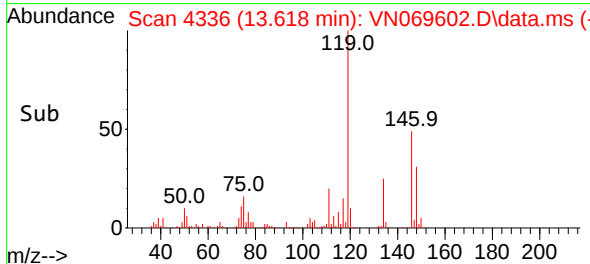
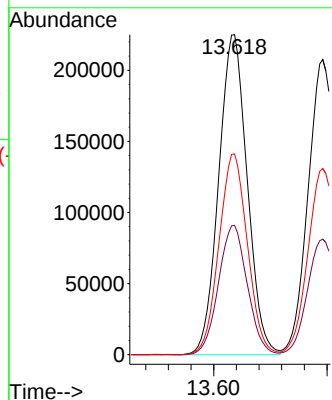
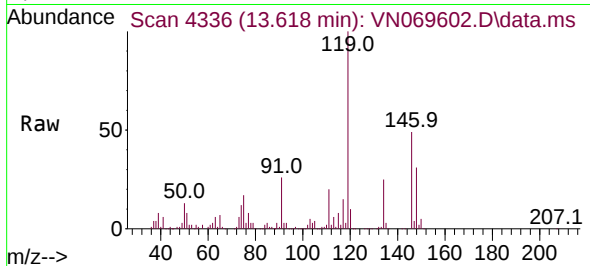




#83
 1,3-Dichlorobenzene
 Concen: 19.026 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

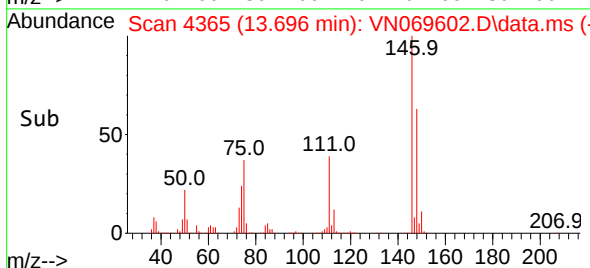
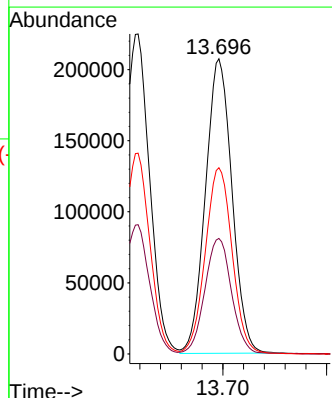
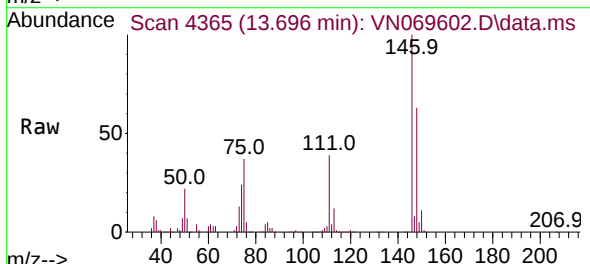
Instrument :
 MSVOA_N
 ClientSampleId :

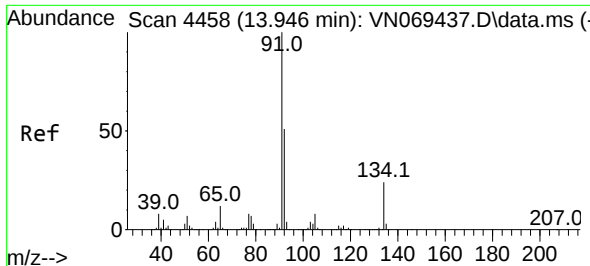
Tgt Ion:146 Resp: 393518
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.2
 148 62.7 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 18.344 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069602.D
 Acq: 22 Nov 2021 11:20

Tgt Ion:146 Resp: 368093
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.3 31.1 93.5

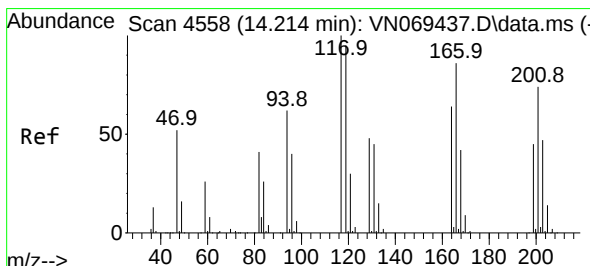
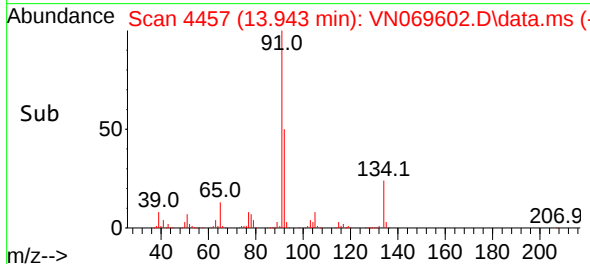
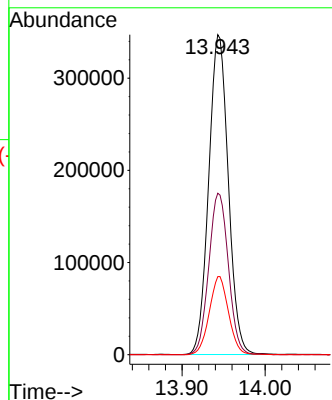
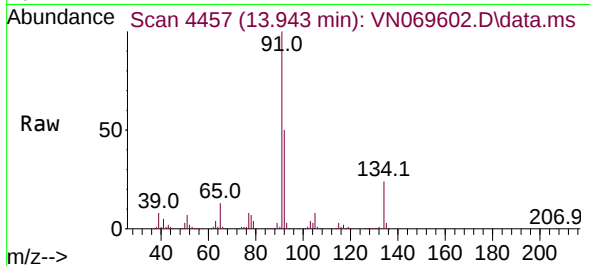




#85
n-Butylbenzene
Concen: 16.063 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

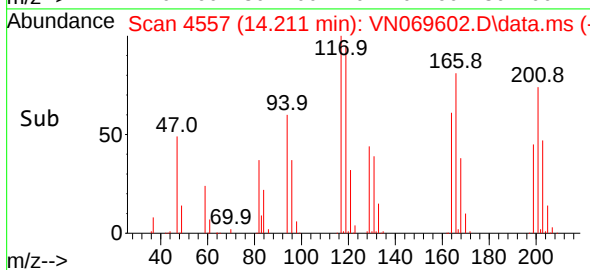
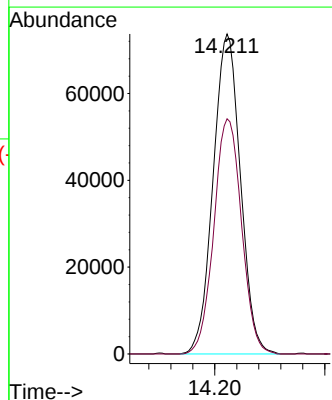
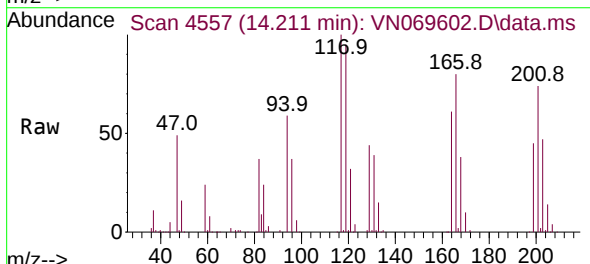
Instrument :
MSVOA_N
ClientSampleId :

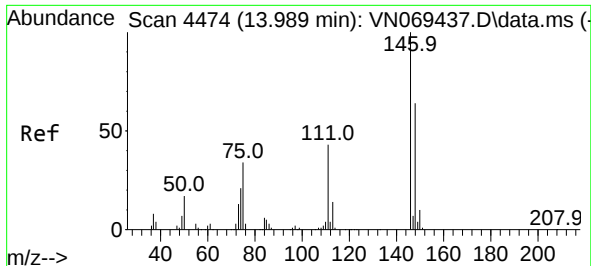
Tgt Ion: 91 Resp: 567095
Ion Ratio Lower Upper
91 100
92 50.6 0.0 100.6
134 24.1 0.0 50.2



#86
Hexachloroethane
Concen: 18.152 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

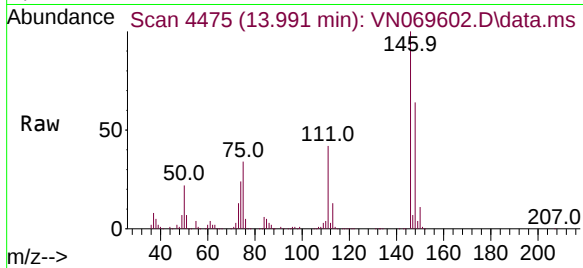
Tgt Ion: 117 Resp: 127077
Ion Ratio Lower Upper
117 100
201 74.4 33.3 99.8



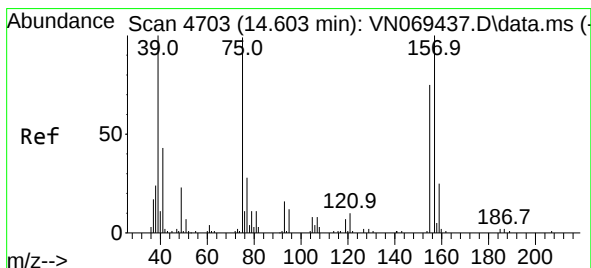
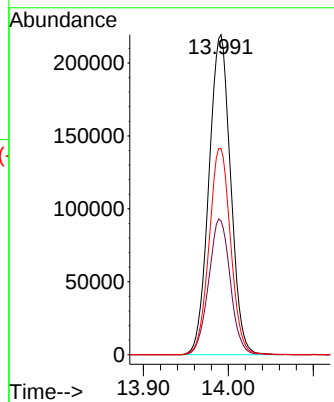
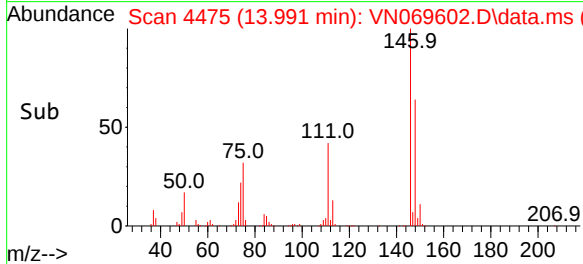


#87
1,2-Dichlorobenzene
Concen: 19.489 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20

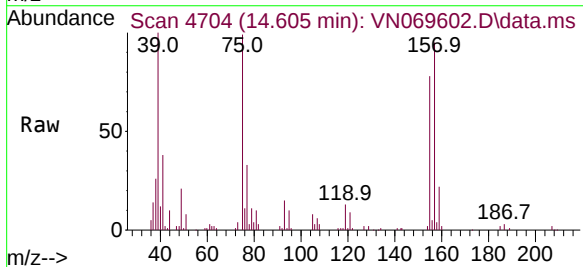
Instrument :
MSVOA_N
ClientSampleId :



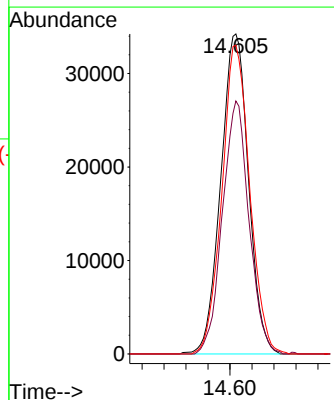
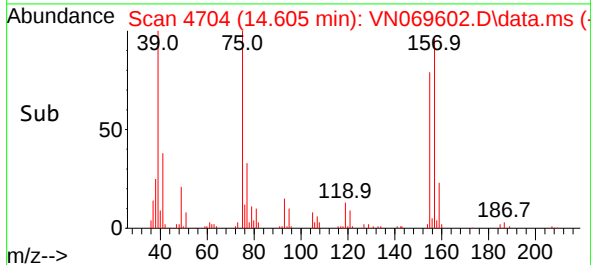
Tgt Ion:146 Resp: 389041
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 64.1 32.5 97.4

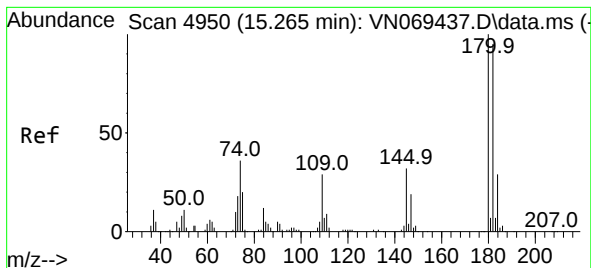


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.763 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069602.D
Acq: 22 Nov 2021 11:20



Tgt Ion: 75 Resp: 59910
Ion Ratio Lower Upper
75 100
155 75.8 63.8 95.8
157 96.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 16.249 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

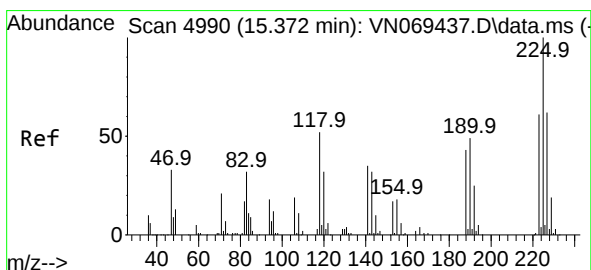
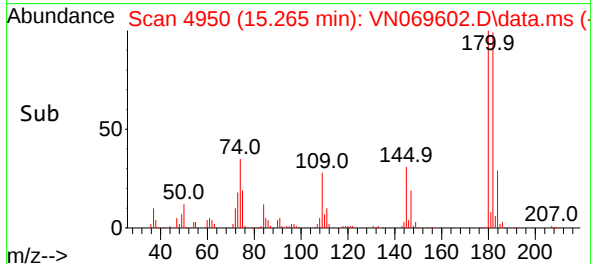
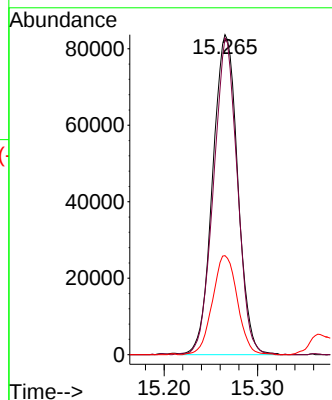
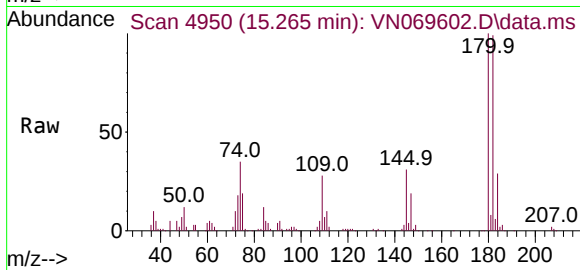
Tgt Ion:180 Resp: 155520

Ion Ratio Lower Upper

180 100

182 94.1 77.7 116.5

145 30.9 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.938 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

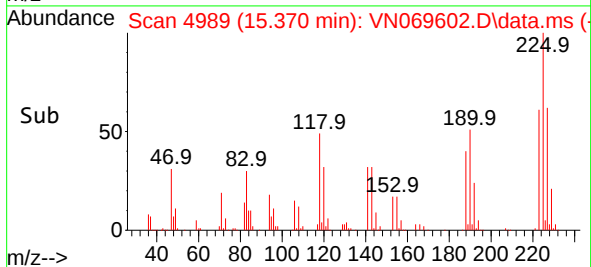
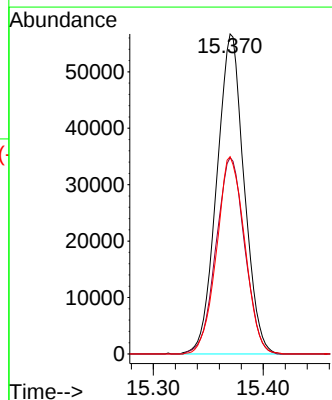
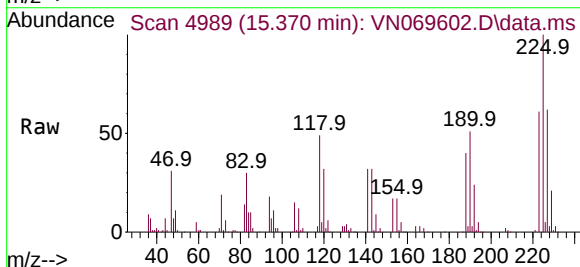
Tgt Ion:225 Resp: 98022

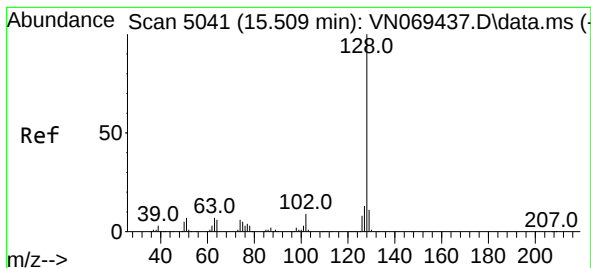
Ion Ratio Lower Upper

225 100

223 64.4 0.0 126.8

227 63.4 0.0 123.0





#91

Naphthalene

Concen: 14.009 ug/l

RT: 15.507 min Scan# 5041

Delta R.T. 0.000 min

Lab File: VN069602.D

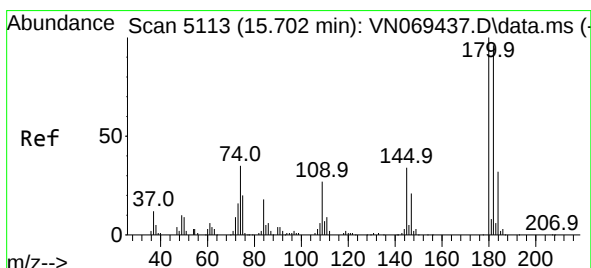
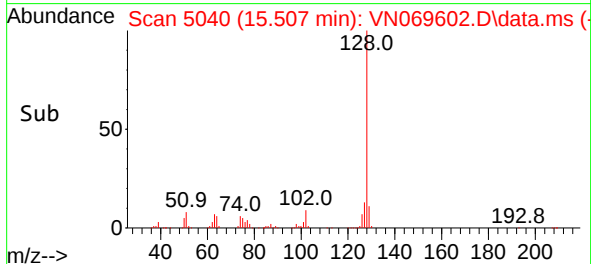
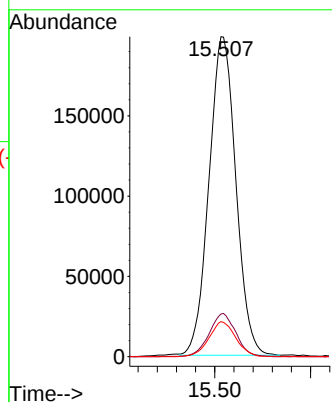
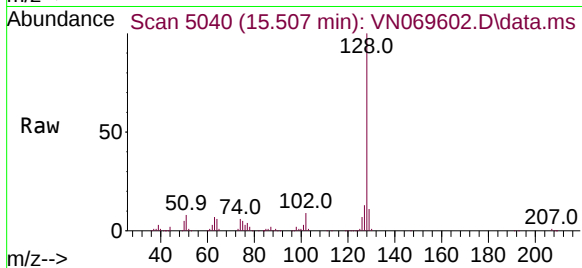
Acq: 22 Nov 2021 11:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp: 386266
Ion Ratio	Lower Upper
128 100	
127 13.5	10.7 16.1
129 11.0	9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 16.647 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.003 min

Lab File: VN069602.D

Acq: 22 Nov 2021 11:20

Tgt Ion:180	Resp: 156634
Ion Ratio	Lower Upper
180 100	
182 94.4	0.0 190.0
145 32.1	0.0 67.8

