

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069666.D
 Acq On : 29 Nov 2021 16:11
 Operator : JC/MD
 Sample : M4852-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 30 04:17:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1447273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2479493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2560355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1255910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1019426	48.579	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.160%
35) Dibromofluoromethane	8.021	113	719074	48.354	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.700%
50) Toluene-d8	10.440	98	3354003	57.346	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.731	95	1322788	61.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	4045	0.226	ug/l	94
10) Methyl Iodide	4.436	142	3746	0.234	ug/l #	88
13) Acrolein	4.041	56	506	Below Cal	#	52
16) Acetone	4.293	43	54508	4.814	ug/l	100
25) 2-Butanone	7.343	43	43207	2.818	ug/l #	75
30) Chloroform	8.094	83	154015	5.280	ug/l #	1
31) Cyclohexane	8.094	56	4111897	143.427	ug/l	88
36) 1,1-Dichloropropene	8.086	75	128137	6.142	ug/l #	67
37) Ethyl Acetate	7.343	43	43207	1.532	ug/l #	87
38) Carbon Tetrachloride	8.086	117	150529	7.473	ug/l #	16
39) Methylcyclohexane	9.462	83	8190017	315.564	ug/l	91
40) Benzene	8.461	78	210566	3.270	ug/l	100
43) Isopropyl Acetate	8.560	43	212162	4.684	ug/l #	55
45) 1,2-Dichloropropane	9.459	63	94875	5.514	ug/l #	1
48) Methyl methacrylate	9.639	41	331791	15.568	ug/l #	69
49) 1,4-Dioxane	9.577	88	385	39.935	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	43825	1.499	ug/l	96
52) Toluene	10.502	92	10879	0.271	ug/l	78
53) t-1,3-Dichloropropene	10.719	75	747	2.664	ug/l #	61
54) cis-1,3-Dichloropropene	10.194	75	560	1.752	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	541415	33.478	ug/l #	20
56) Ethyl methacrylate	10.778	69	279892	10.860	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.033	63	829	22.866	ug/l #	45
59) 2-Hexanone	11.052	43	168375	14.545	ug/l #	28
60) Dibromochloromethane	11.229	129	161	2.426	ug/l #	1
61) 1,2-Dibromoethane	11.350	107	1536	1.154	ug/l #	1
67) Ethyl Benzene	11.843	91	2392555	27.221	ug/l	97
68) m/p-Xylenes	11.956	106	2329740	72.069	ug/l	93
69) o-Xylene	12.278	106	97515	3.026	ug/l	86
70) Styrene	12.286	104	10720	1.700	ug/l #	1
71) Bromoform	12.460	173	682	3.472	ug/l #	29
73) Isopropylbenzene	12.578	105	6176352	61.765	ug/l	99
74) N-ethyl acetate	12.366	43	234424	5.532	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.806	83	23755	0.704	ug/l #	25
76) 1,2,3-Trichloropropane	12.919	75	55617	1.919	ug/l #	1
78) n-propylbenzene	12.919	91	7788820	69.222	ug/l	96

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

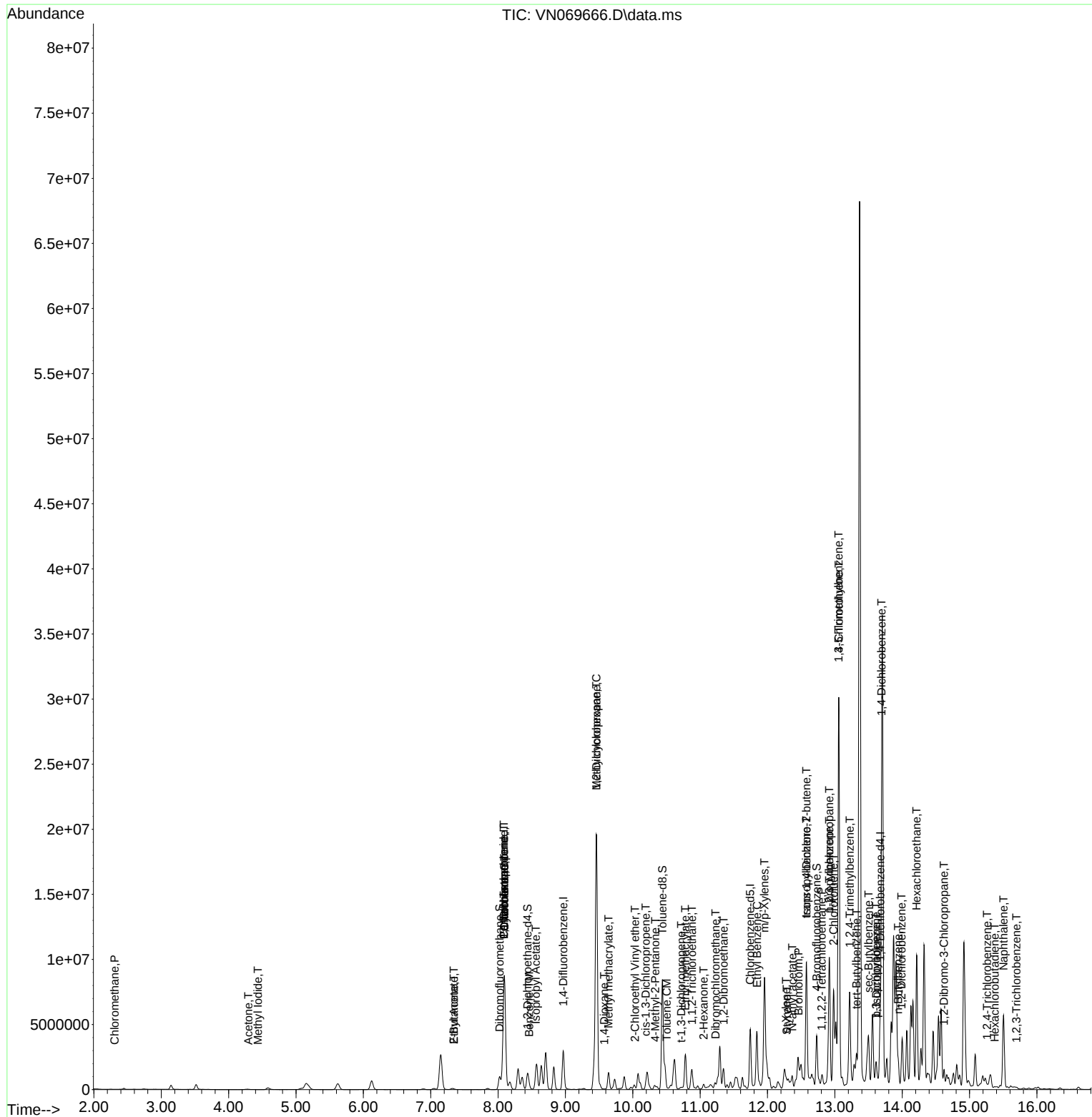
79) 2-Chlorotoluene	12.980	91	409735	5.881	ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.055	105	14950051	184.936	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.575	75	81802	13.216	ug/l	#	64
82) 4-Chlorotoluene	13.058	91	1788976	26.937	ug/l	#	39
83) tert-Butylbenzene	13.321	119	1030884	14.552	ug/l		94
84) 1,2,4-Trimethylbenzene	13.219	105	4556987	58.392	ug/l		77
85) sec-Butylbenzene	13.501	105	2217701	22.410	ug/l		78
86) p-Isopropyltoluene	13.613	119	734737	9.353	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	10864	0.274	ug/l	#	77
88) 1,4-Dichlorobenzene	13.694	146	18302	0.471	ug/l	#	15
89) n-Butylbenzene	13.940	91	902252	13.773	ug/l	#	67
90) Hexachloroethane	14.214	117	482752	34.149	ug/l	#	6
91) 1,2-Dichlorobenzene	13.989	146	12189	0.323	ug/l	#	35
92) 1,2-Dibromo-3-Chloropr...	14.619	75	2911	2.244	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.263	180	26523	4.372	ug/l	#	1
94) Hexachlorobutadiene	15.373	225	2551	0.260	ug/l		90
95) Naphthalene	15.504	128	4992129	86.021	ug/l		100
96) 1,2,3-Trichlorobenzene	15.697	180	31067	4.709	ug/l	#	83

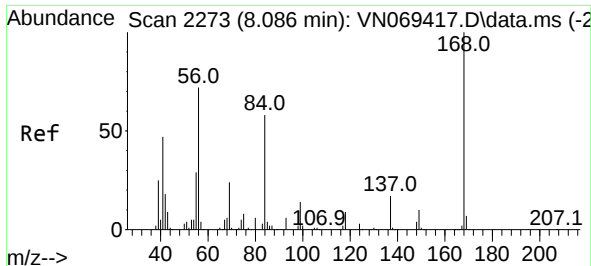
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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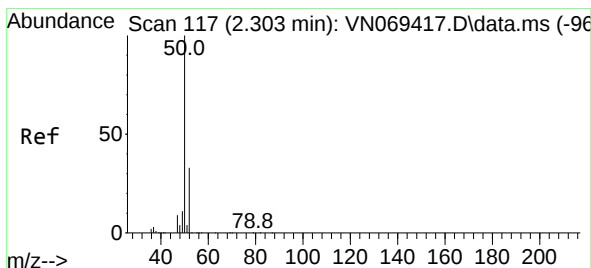
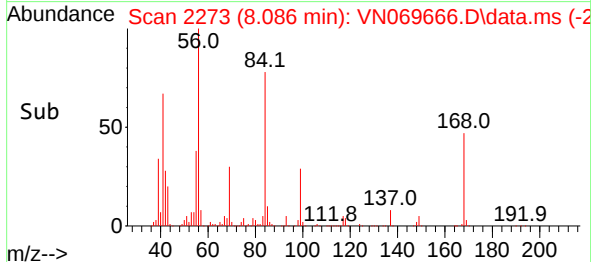
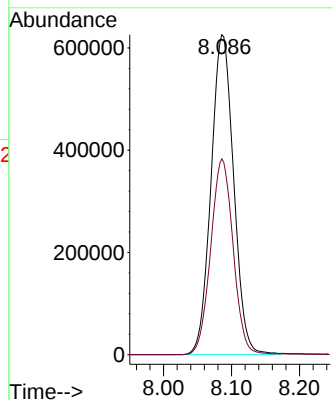
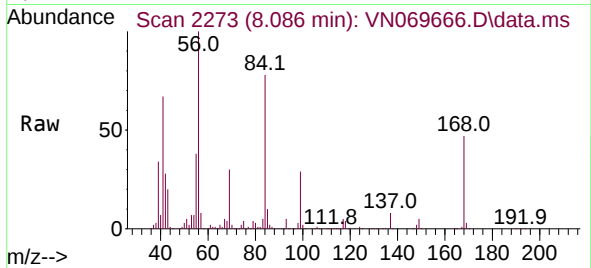




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

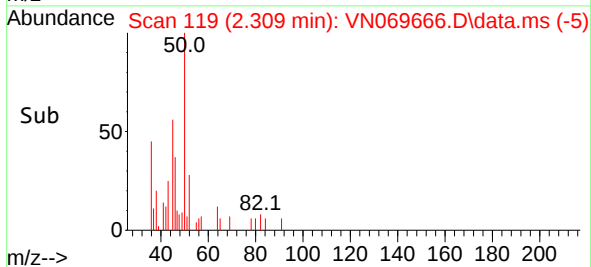
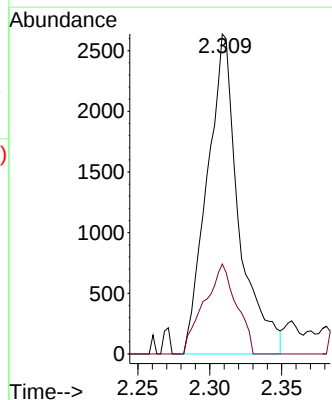
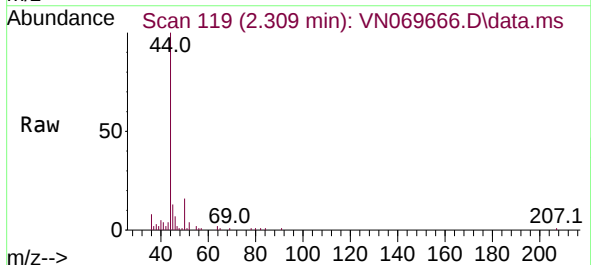
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MSVOA_N
ClientSampleId :

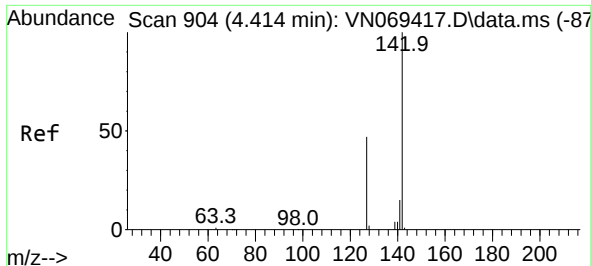
Tgt Ion:168 Resp: 1447273
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

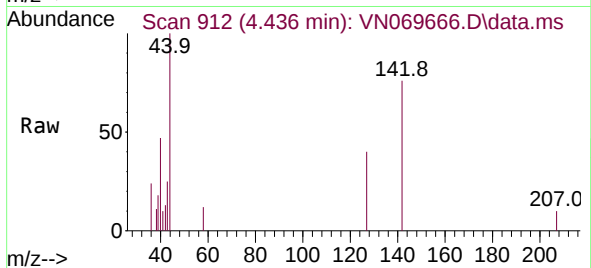
Tgt Ion: 50 Resp: 4045
Ion Ratio Lower Upper
50 100
52 28.1 25.4 38.0



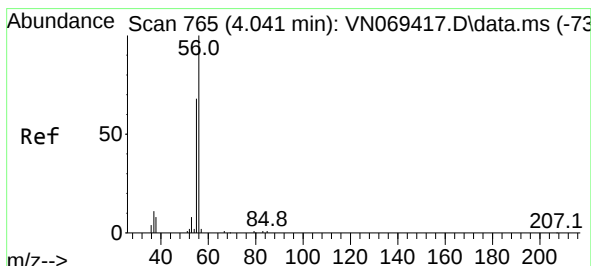
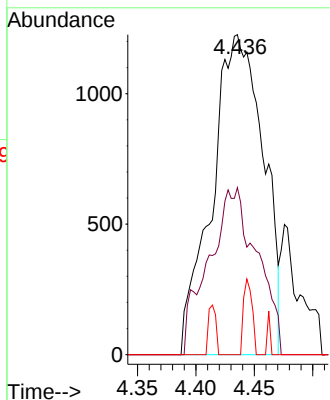
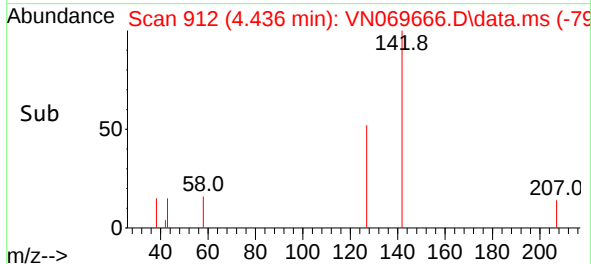


#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 4.436 min Scan# 912
Delta R.T. 0.022 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

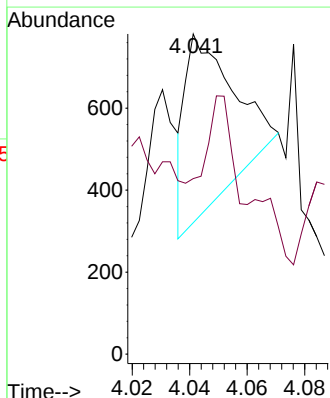
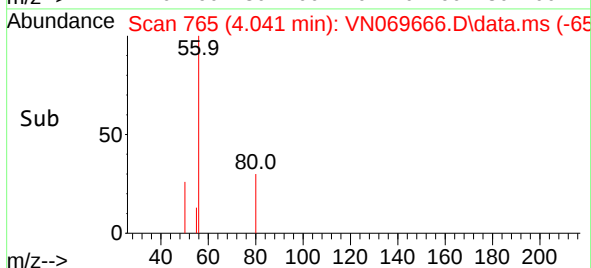
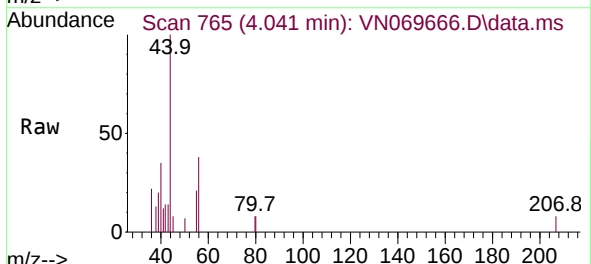


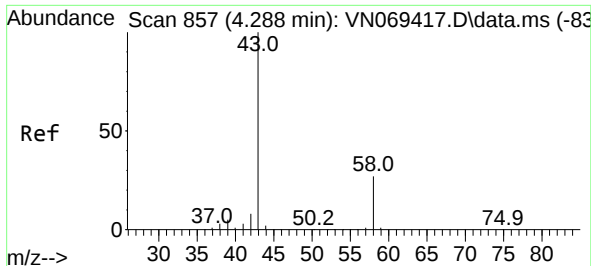
Tgt Ion:142 Resp: 3746
Ion Ratio Lower Upper
142 100
127 49.3 35.4 53.0
141 3.9 11.6 17.4#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 56 Resp: 506
Ion Ratio Lower Upper
56 100
55 30.8 56.6 85.0#

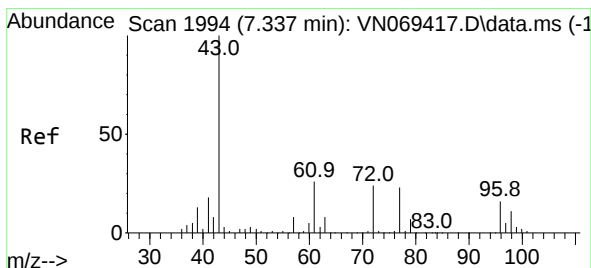
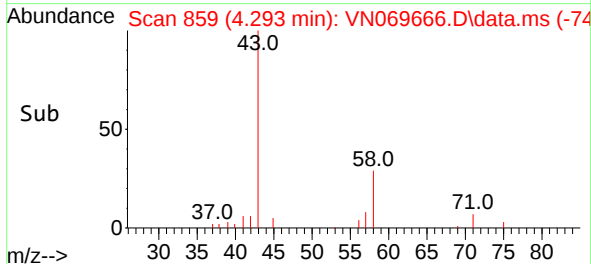
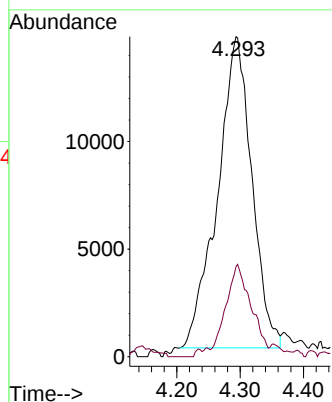
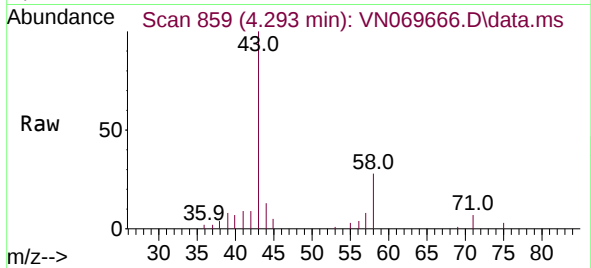




#16
Acetone
Concen: 4.814 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

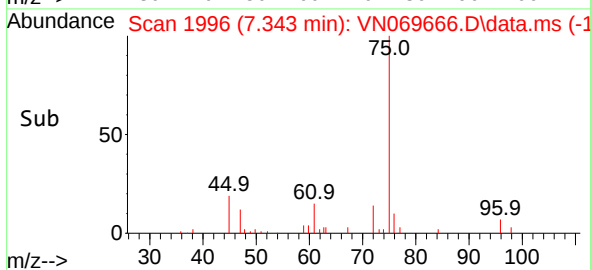
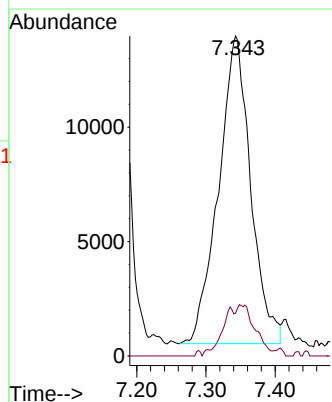
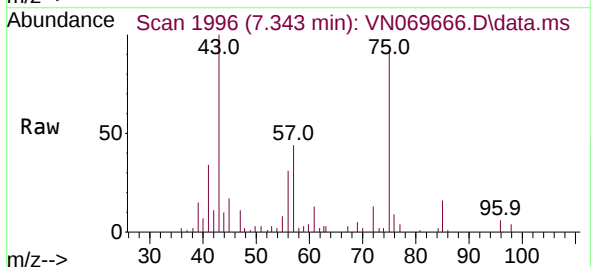
Instrument :
MSVOA_N
ClientSampleId :

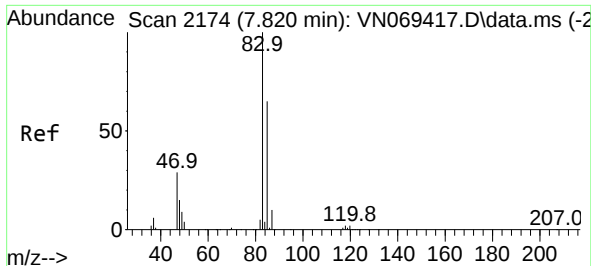
Tgt Ion: 43 Resp: 54508
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7



#25
2-Butanone
Concen: 2.818 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 43 Resp: 43207
Ion Ratio Lower Upper
43 100
72 13.9 21.7 32.5#

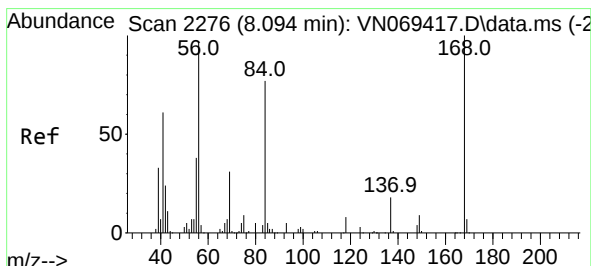
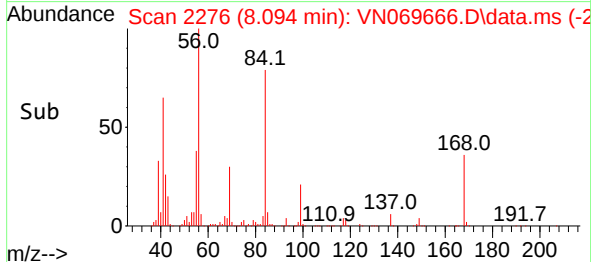
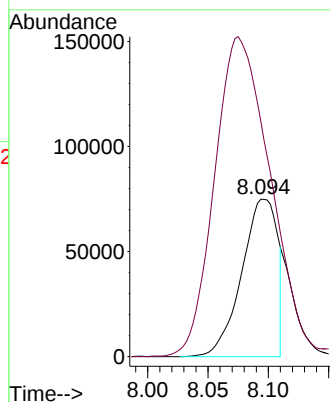
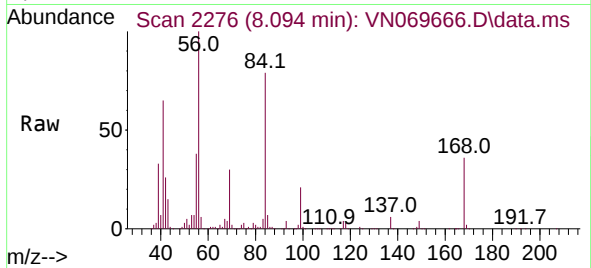




#30
Chloroform
Concen: 5.280 ug/l
RT: 8.094 min Scan# 2174
Delta R.T. 0.274 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

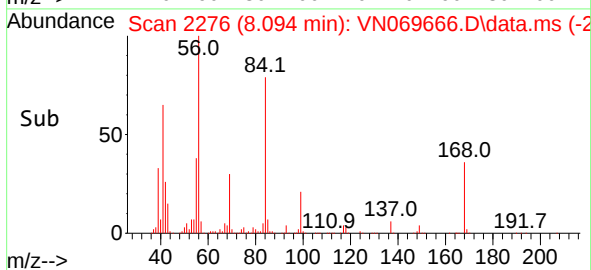
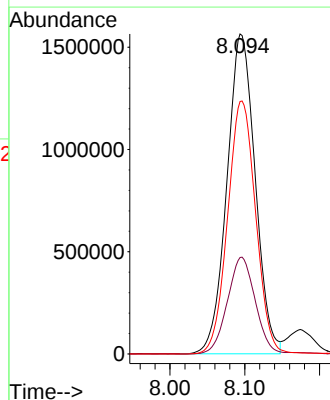
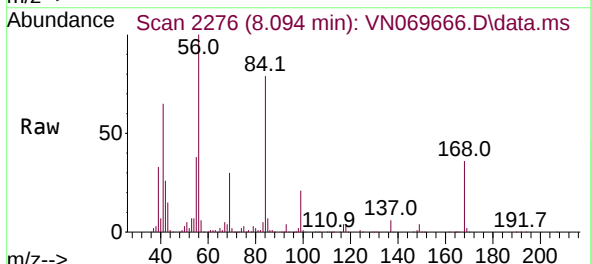
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ClientSampleId :

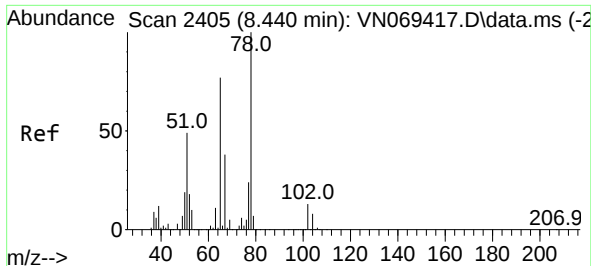
Tgt Ion: 83 Resp: 154015
Ion Ratio Lower Upper
83 100
85 144.9 51.9 77.9#



#31
Cyclohexane
Concen: 143.427 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 56 Resp: 4111897
Ion Ratio Lower Upper
56 100
69 30.1 27.1 40.7
84 78.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069666.D

Acq: 29 Nov 2021 16:11

Instrument :

MSVOA_N

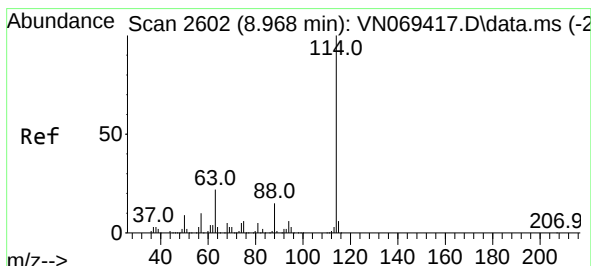
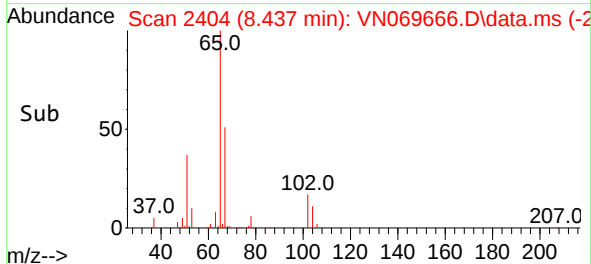
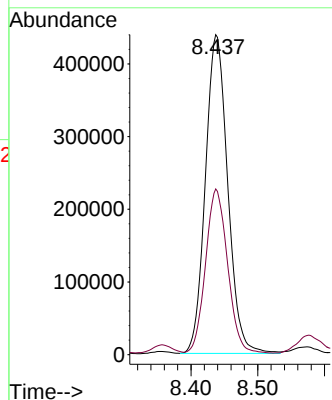
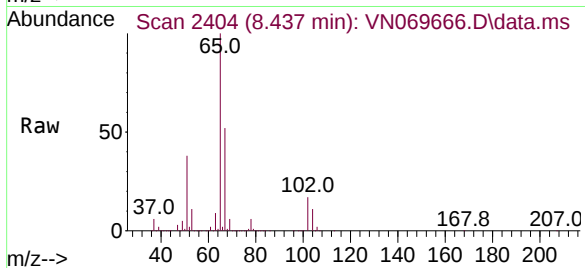
ClientSampleId :

Tgt Ion: 65 Resp: 1019426

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069666.D

Acq: 29 Nov 2021 16:11

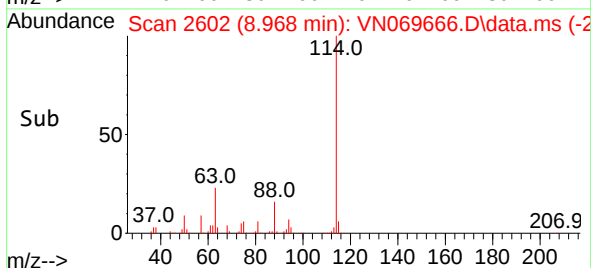
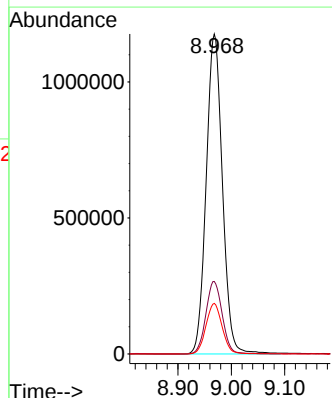
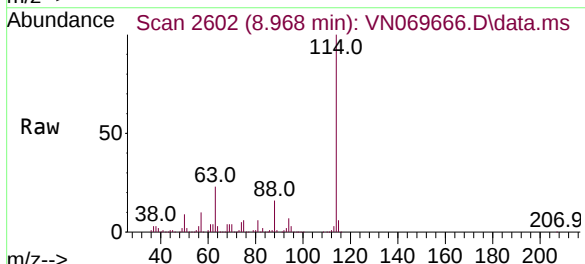
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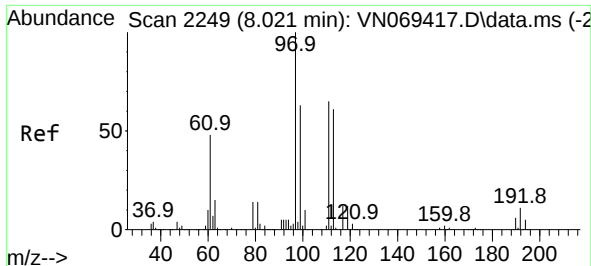
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

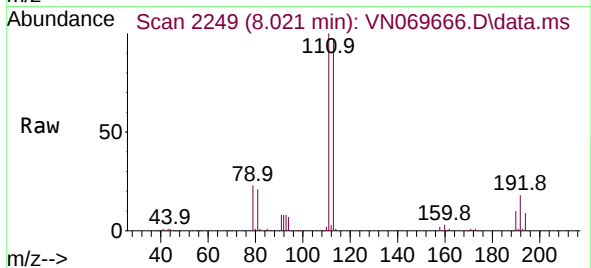
88 15.8 0.0 27.4



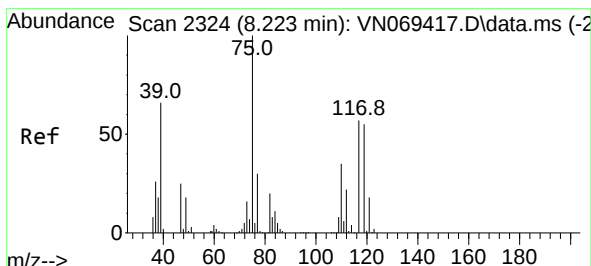
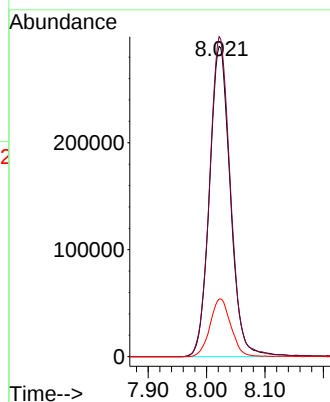
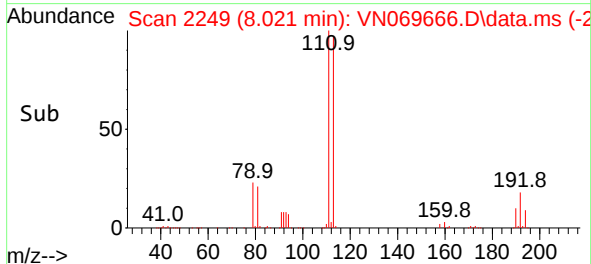


#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

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ClientSampleId :

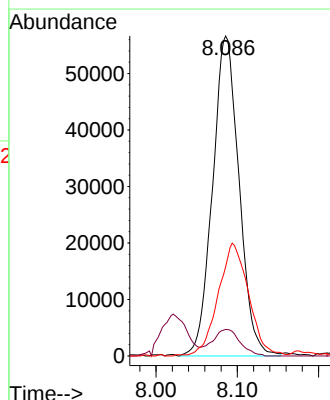
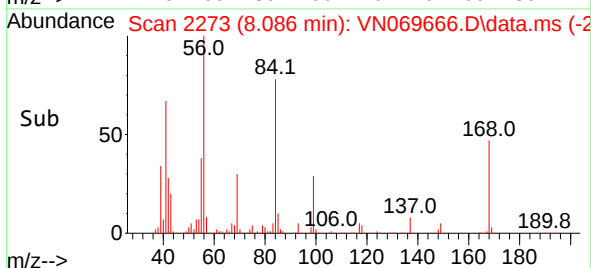
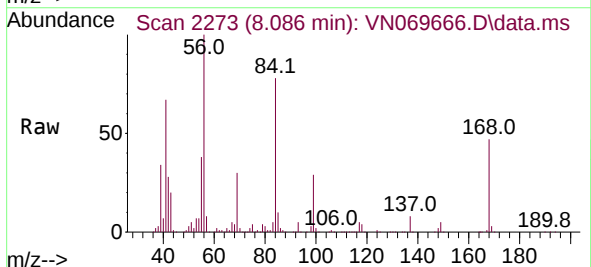


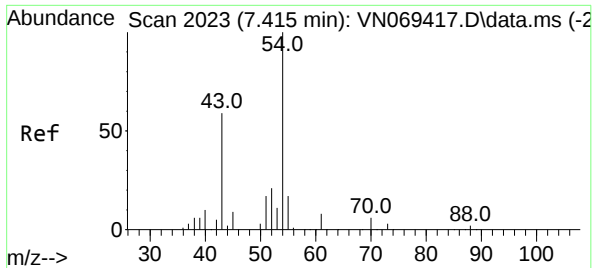
Tgt Ion:113 Resp: 719074
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.142 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

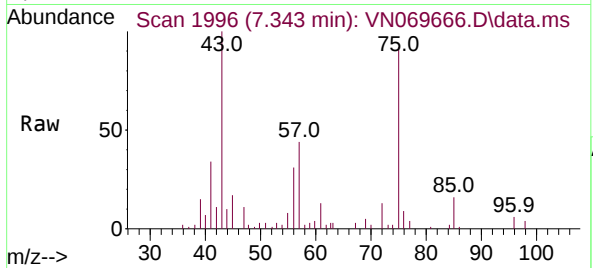
Tgt Ion: 75 Resp: 128137
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 39.4 24.4 36.6#



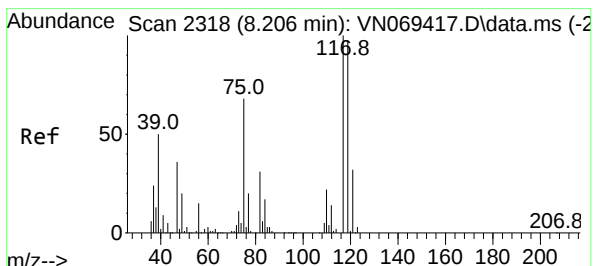
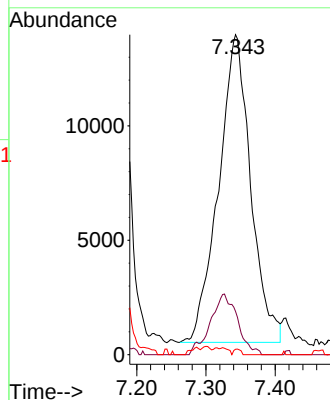
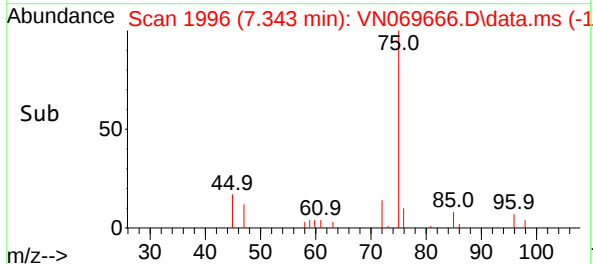


#37
Ethyl Acetate
Concen: 1.532 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.072 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

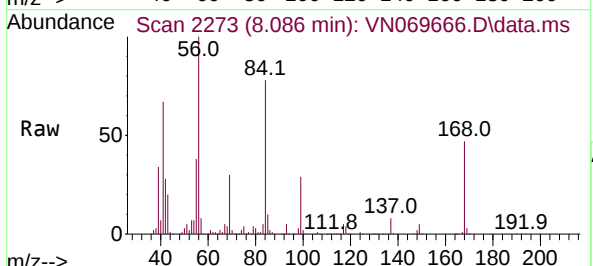
Instrument :
MSVOA_N
ClientSampleId :



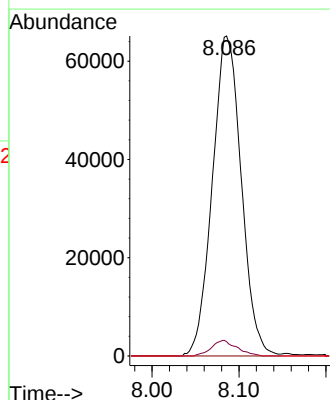
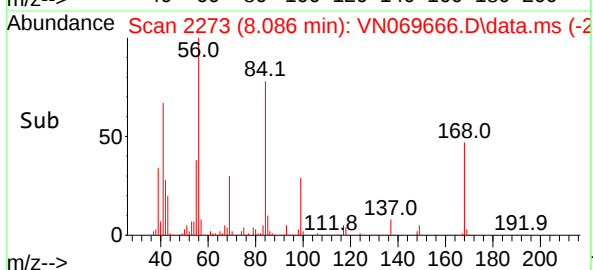
Tgt Ion: 43 Resp: 43207
Ion Ratio Lower Upper
43 100
61 15.8 11.5 17.3
70 0.0 7.9 11.9#

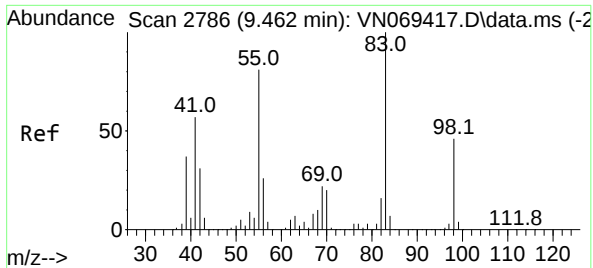


#38
Carbon Tetrachloride
Concen: 7.473 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



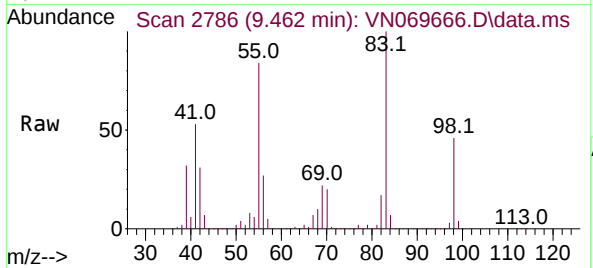
Tgt Ion: 117 Resp: 150529
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



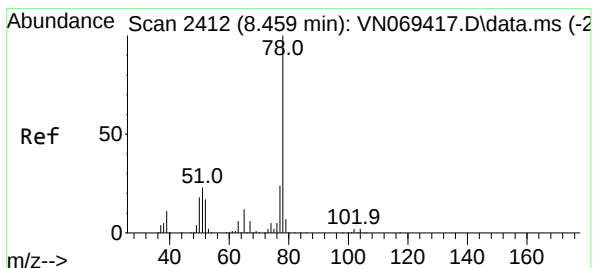
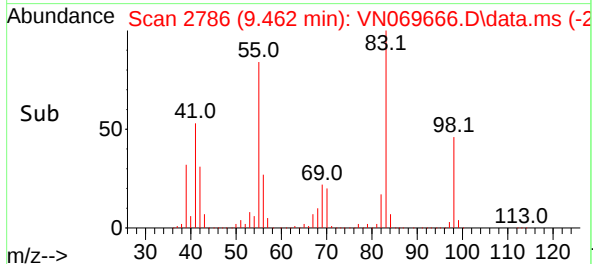
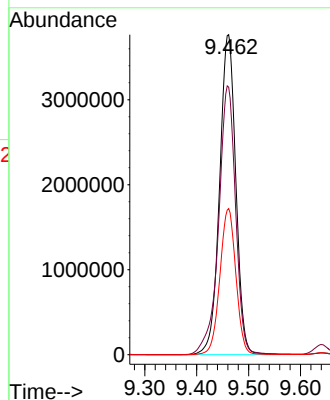


#39
Methylcyclohexane
Concen: 315.564 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

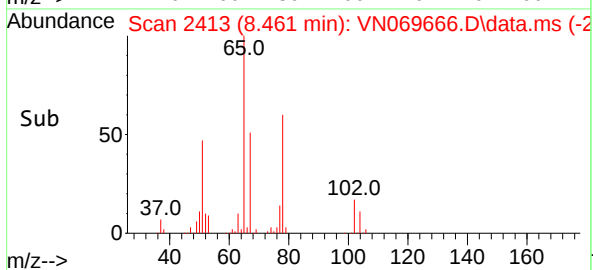
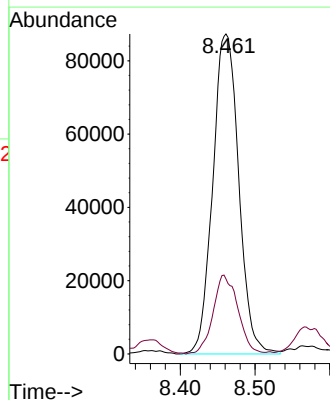
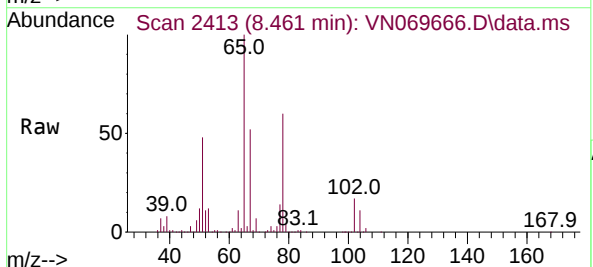


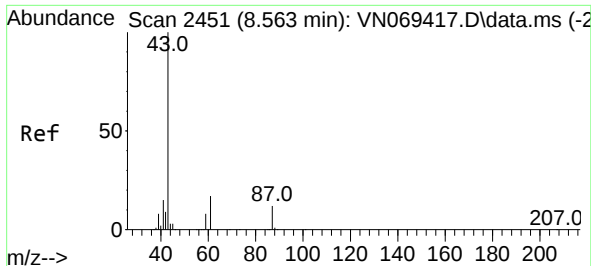
Tgt Ion: 83 Resp: 8190017
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 45.7 38.4 57.6



#40
Benzene
Concen: 3.270 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

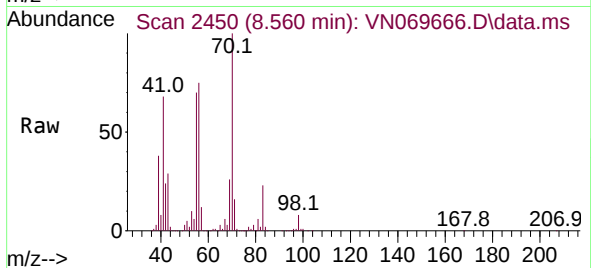
Tgt Ion: 78 Resp: 210566
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



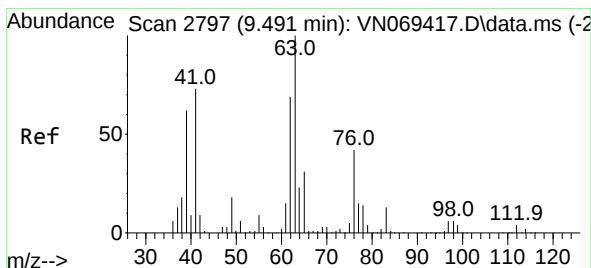
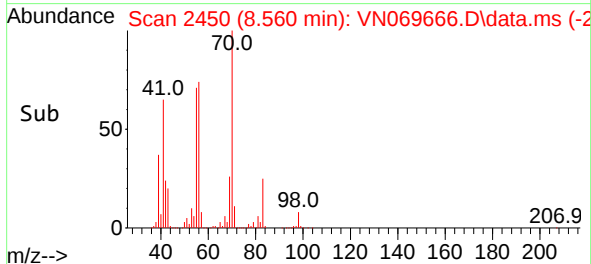
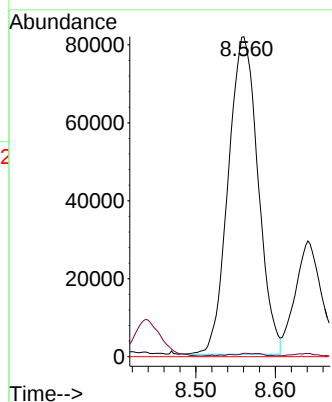


#43
Isopropyl Acetate
Concen: 4.684 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

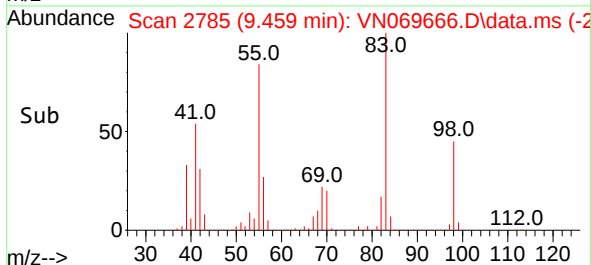
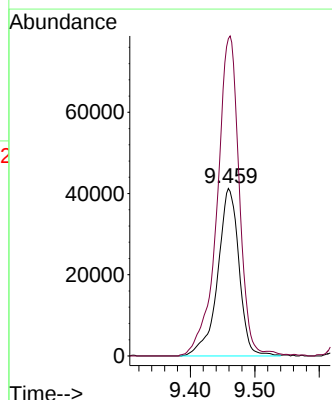
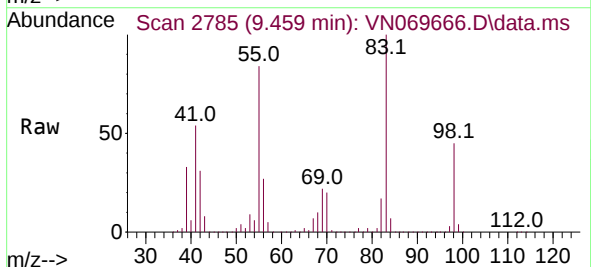


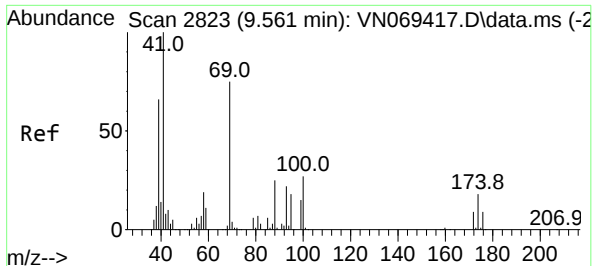
Tgt Ion: 43 Resp: 212162
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 5.514 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.032 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 63 Resp: 94875
Ion Ratio Lower Upper
63 100
65 188.8 24.7 37.1#

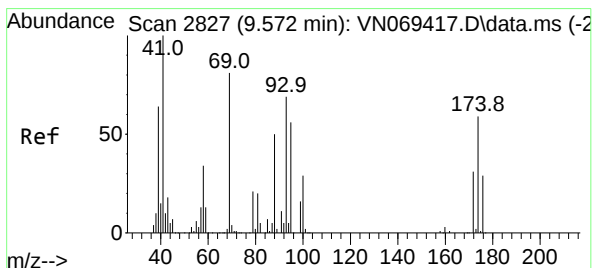
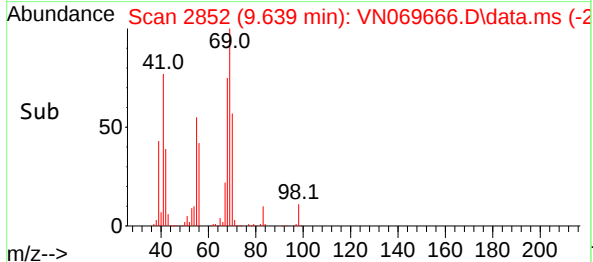
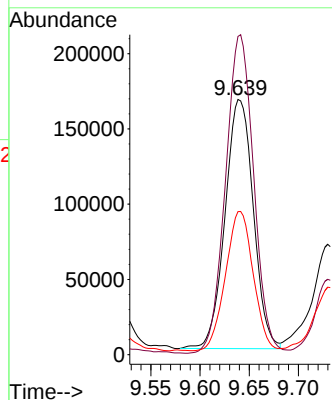
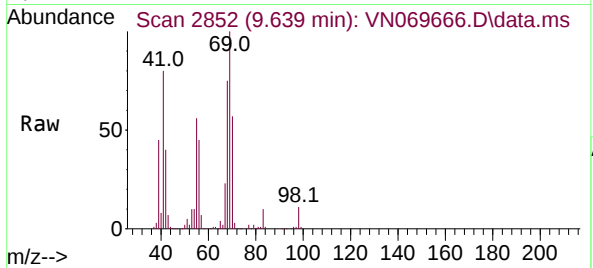




#48
Methyl methacrylate
Concen: 15.568 ug/l
RT: 9.639 min Scan# 2852
Delta R.T. 0.078 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

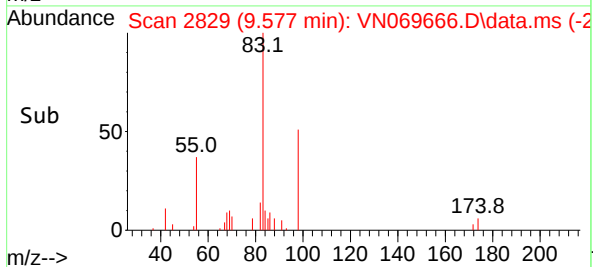
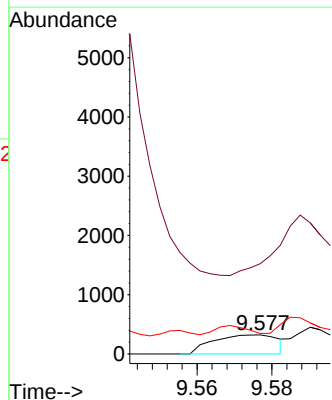
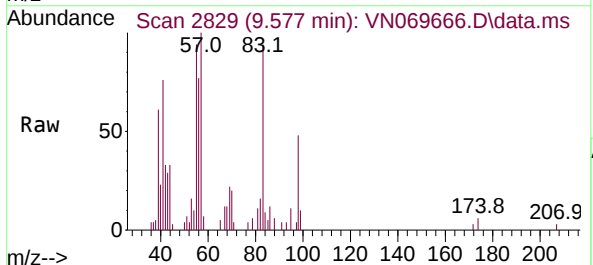
Instrument :
MSVOA_N
ClientSampleId :

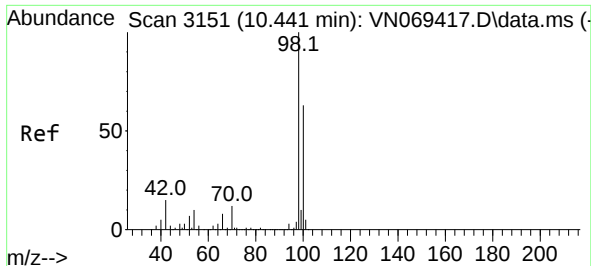
Tgt Ion: 41 Resp: 331791
Ion Ratio Lower Upper
41 100
69 127.4 72.4 108.6#
39 54.6 58.4 87.6#



#49
1,4-Dioxane
Concen: 39.935 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

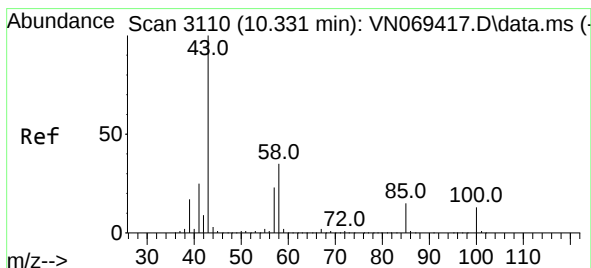
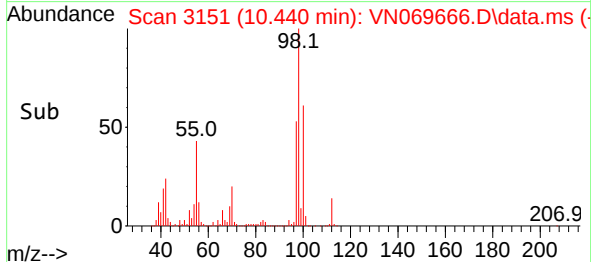
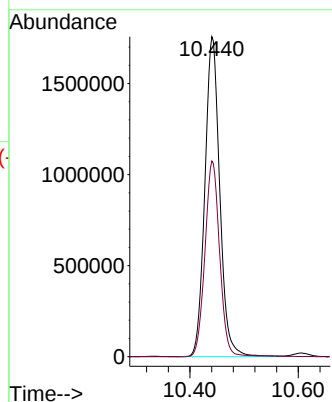
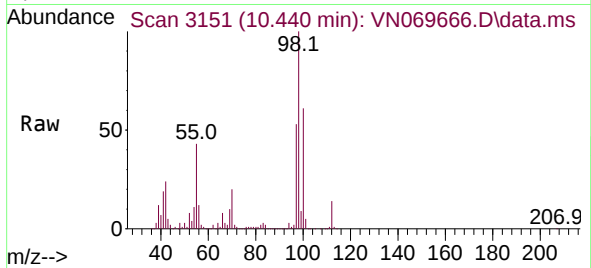




#50
Toluene-d8
Concen: 57.346 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

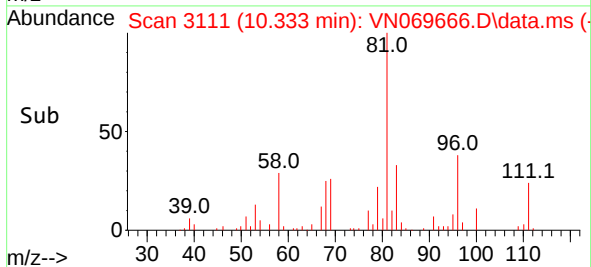
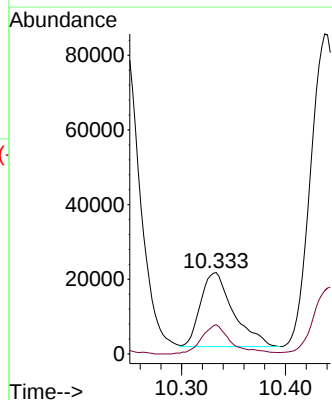
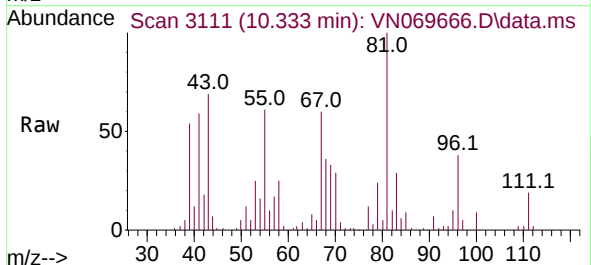
Instrument :
MSVOA_N
ClientSampleId :

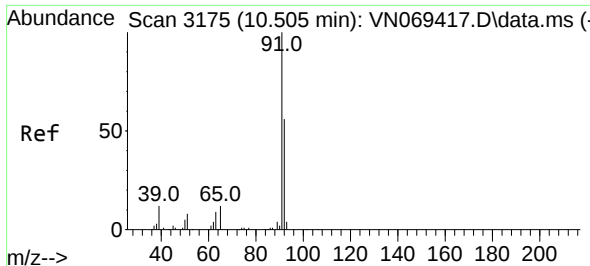
Tgt Ion: 98 Resp: 3354003
Ion Ratio Lower Upper
98 100
100 60.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.499 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 43 Resp: 43825
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

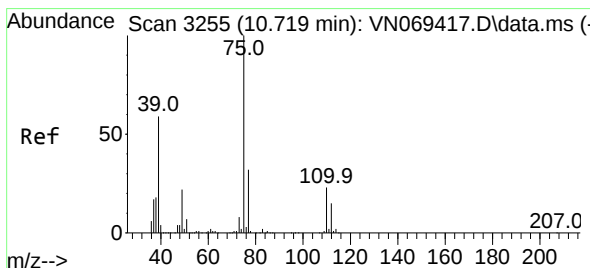
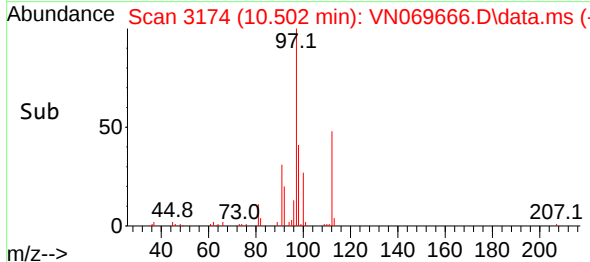
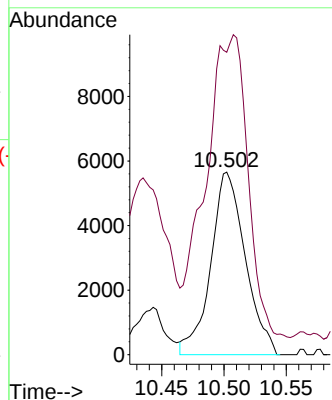
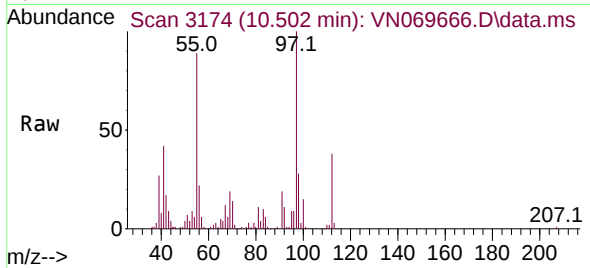




#52
Toluene
Concen: 0.271 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

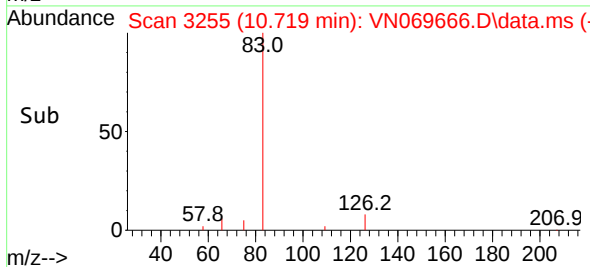
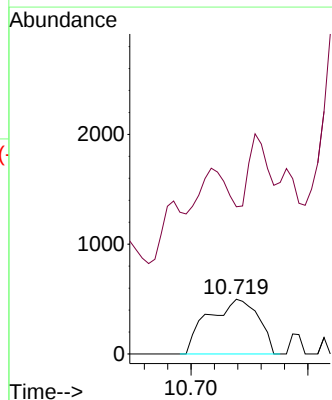
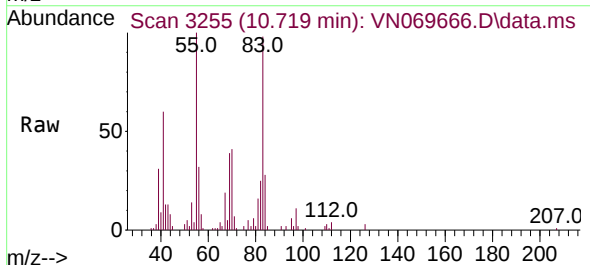
Instrument :
MSVOA_N
ClientSampleId :

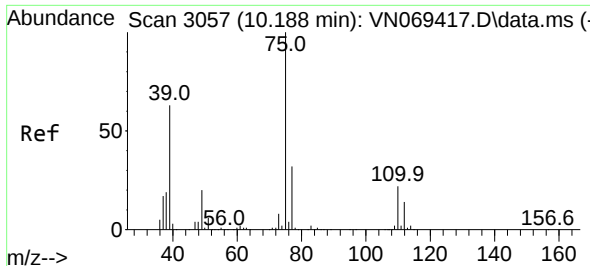
Tgt Ion: 92 Resp: 10879
Ion Ratio Lower Upper
92 100
91 209.1 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.664 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

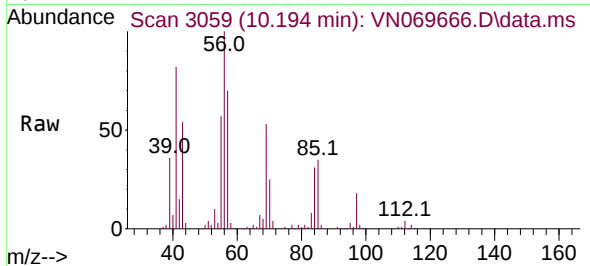
Tgt Ion: 75 Resp: 747
Ion Ratio Lower Upper
75 100
77 10.0 25.6 38.4#



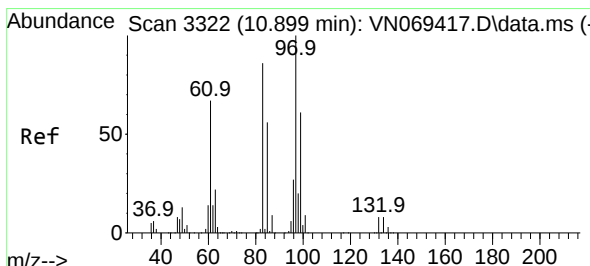
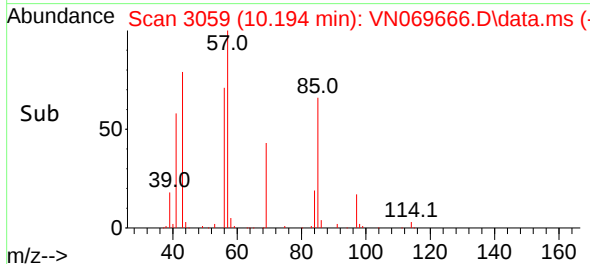
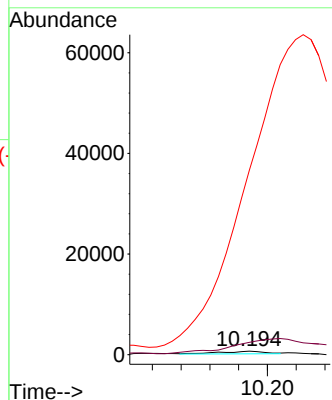


#54
 cis-1,3-Dichloropropene
 Concen: 1.752 ug/l
 RT: 10.194 min Scan# 3057
 Delta R.T. 0.006 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

Instrument :
 MSVOA_N
 ClientSampleId :

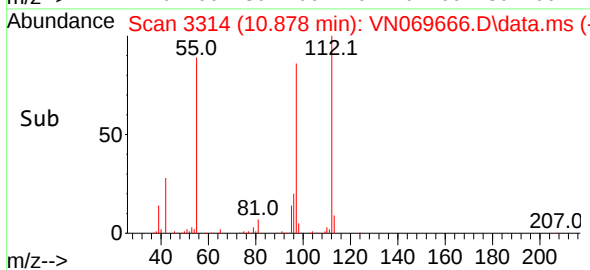
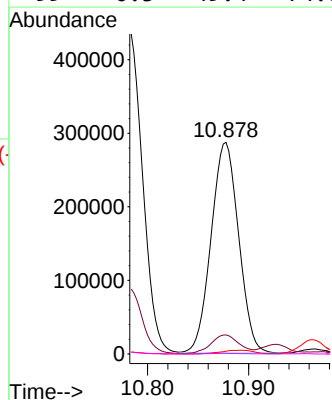
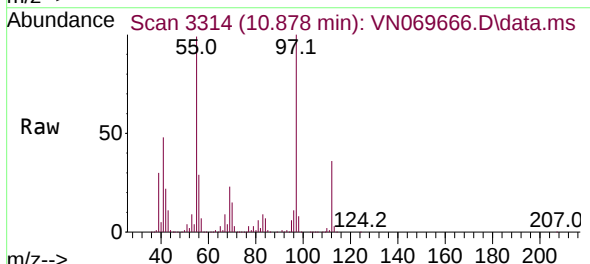


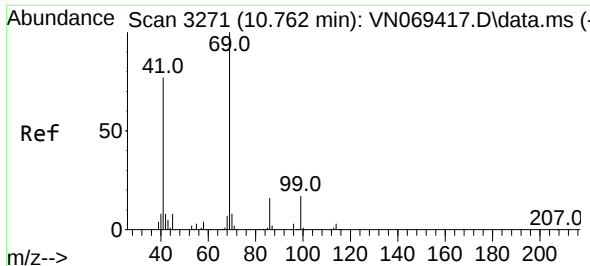
Tgt Ion: 75 Resp: 560
 Ion Ratio Lower Upper
 75 100
 77 398.0 26.4 39.6#
 39 6637.2 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 33.478 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

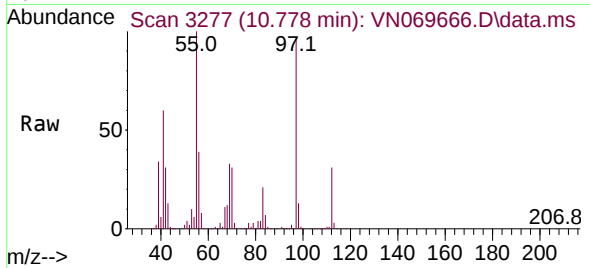
Tgt Ion: 97 Resp: 541415
 Ion Ratio Lower Upper
 97 100
 83 8.8 67.8 101.6#
 85 1.3 45.4 68.2#
 99 0.3 49.4 74.0#



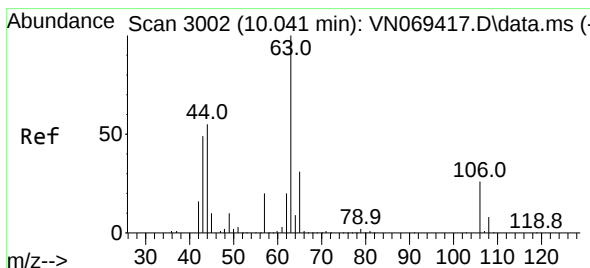
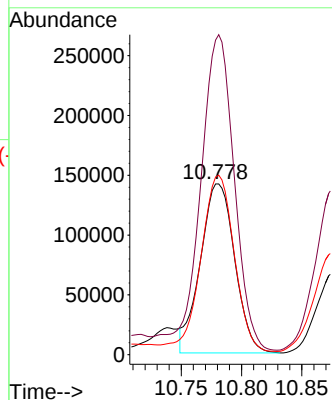
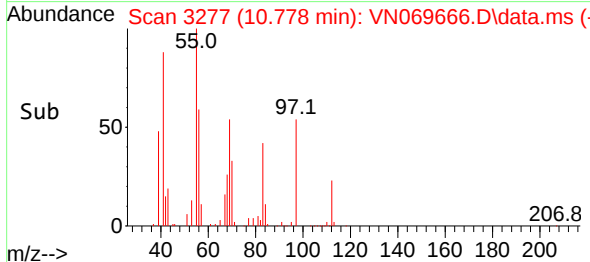


#56
Ethyl methacrylate
Concen: 10.860 ug/l
RT: 10.778 min Scan# 31
Delta R.T. 0.016 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

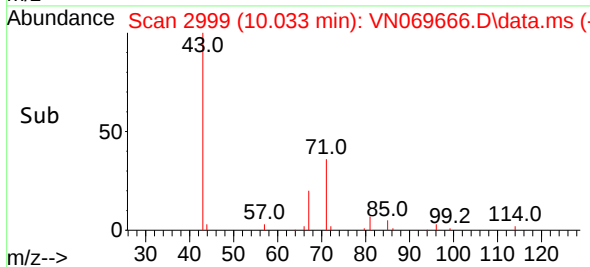
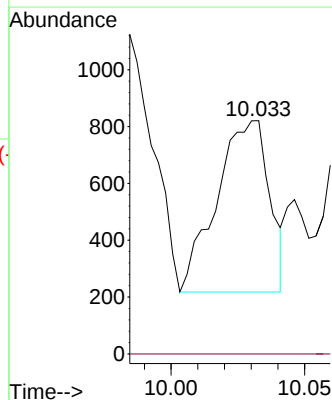
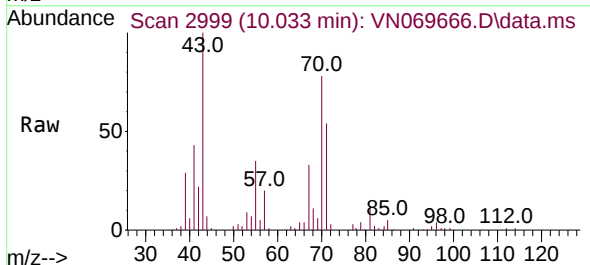


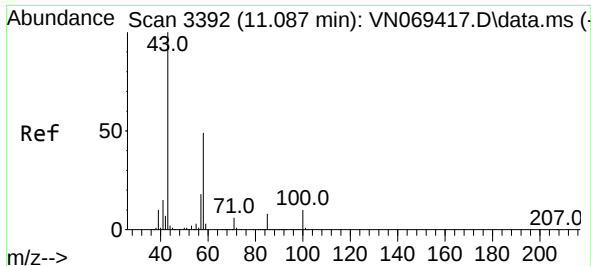
Tgt Ion: 69 Resp: 279892
Ion Ratio Lower Upper
69 100
41 180.6 51.4 77.0#
39 100.5 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 22.866 ug/l
RT: 10.033 min Scan# 2999
Delta R.T. -0.008 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 63 Resp: 829
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

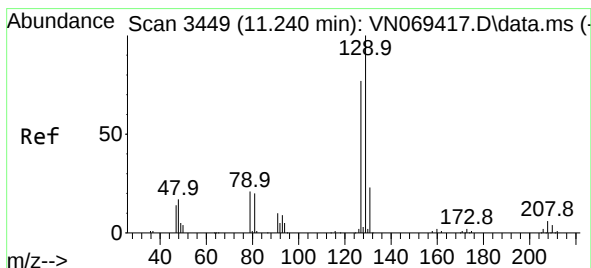
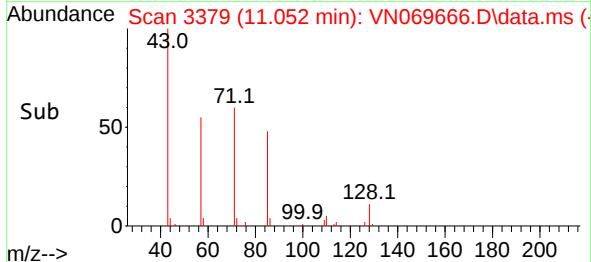
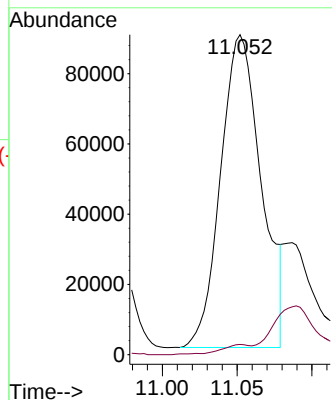
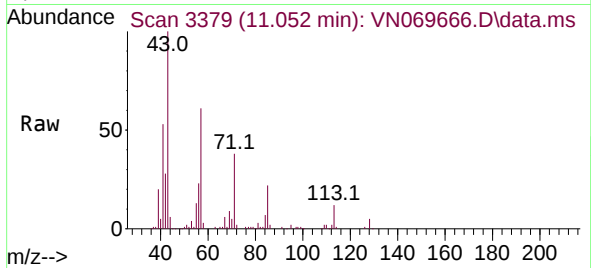




#59
2-Hexanone
Concen: 14.545 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

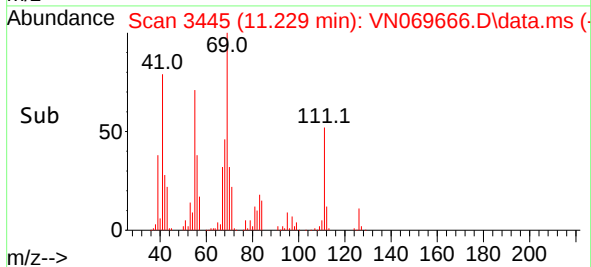
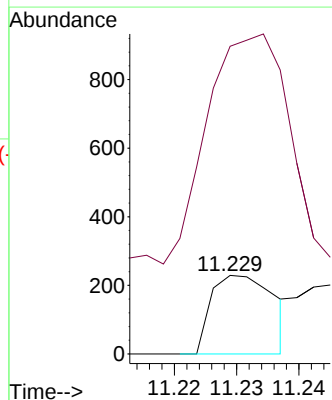
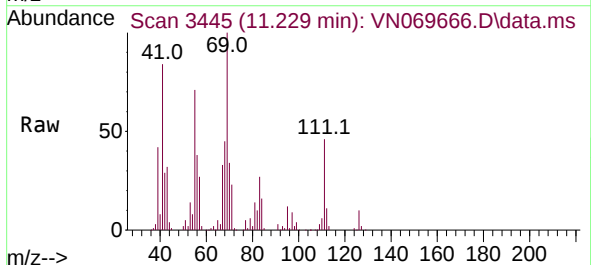
Instrument :
MSVOA_N
ClientSampleId :

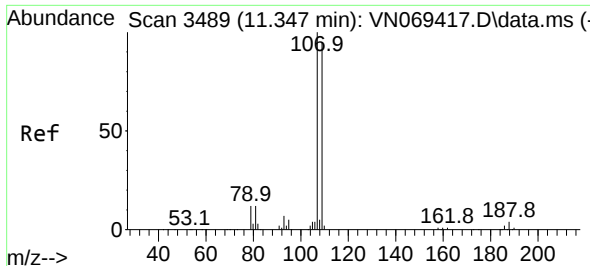
Tgt Ion: 43 Resp: 168375
Ion Ratio Lower Upper
43 100
58 2.5 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.426 ug/l
RT: 11.229 min Scan# 3445
Delta R.T. -0.011 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

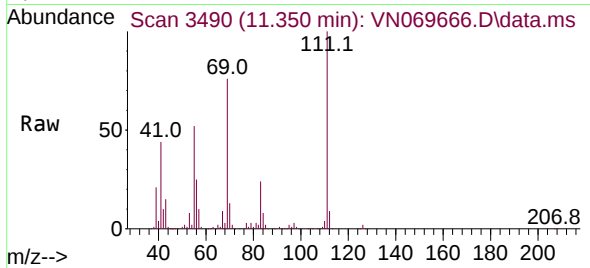
Tgt Ion:129 Resp: 161
Ion Ratio Lower Upper
129 100
127 810.6 38.6 116.0#



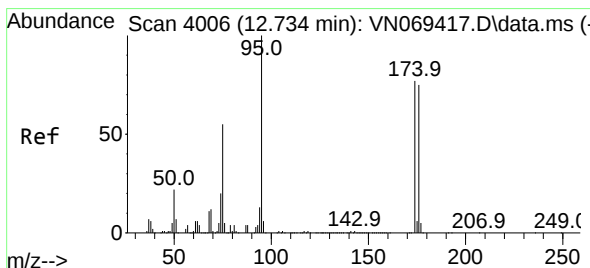
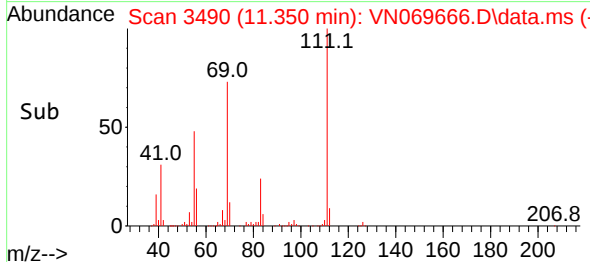
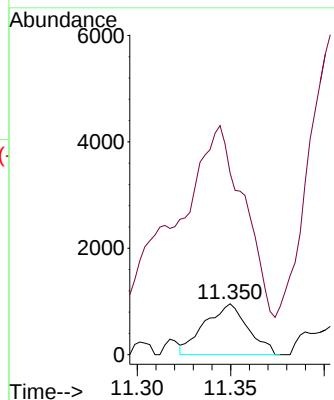


#61
1,2-Dibromoethane
Concen: 1.154 ug/l
RT: 11.350 min Scan# 3489
Delta R.T. 0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

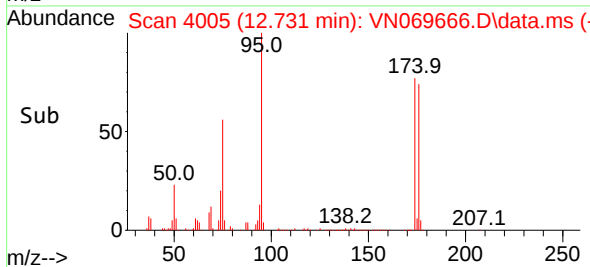
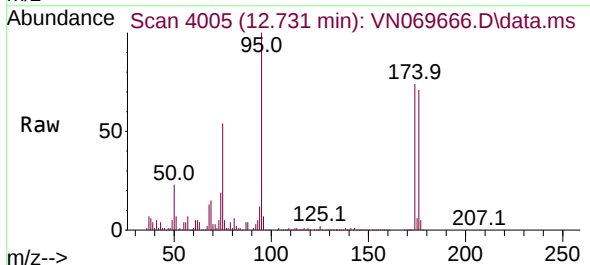
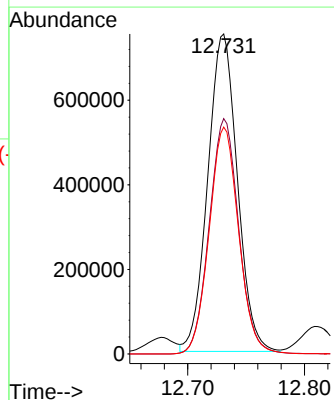


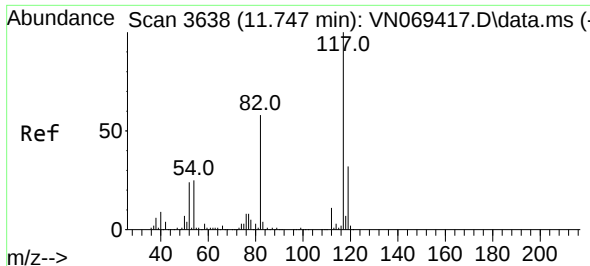
Tgt Ion:107 Resp: 1536
Ion Ratio Lower Upper
107 100
109 682.2 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 61.565 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

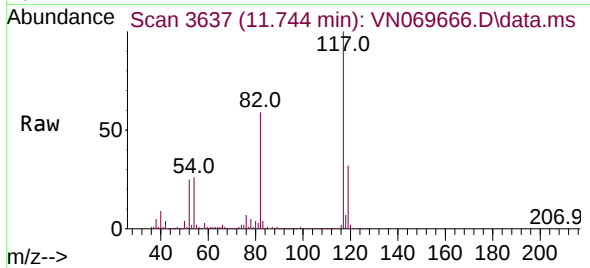
Tgt Ion: 95 Resp: 1322788
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.2 0.0 181.4





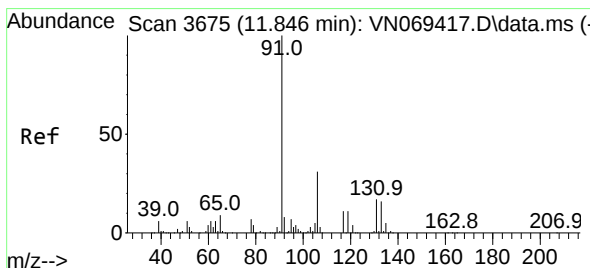
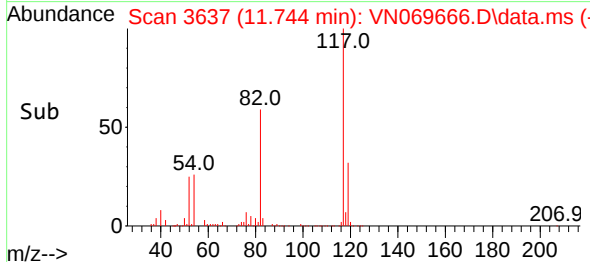
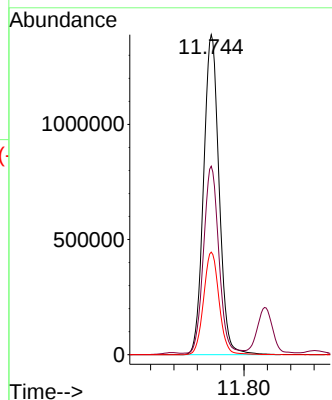
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2560355

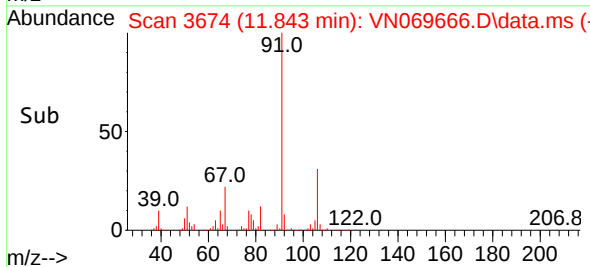
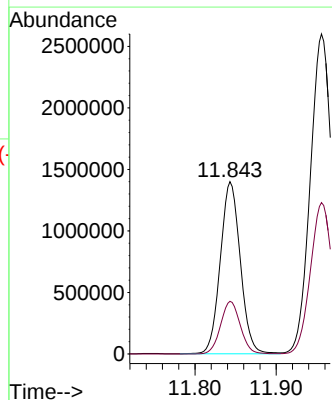
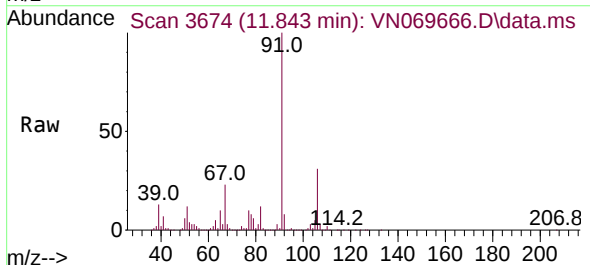
Ion	Ratio	Lower	Upper
117	100		
82	58.4	42.4	63.6
119	32.1	25.4	38.2

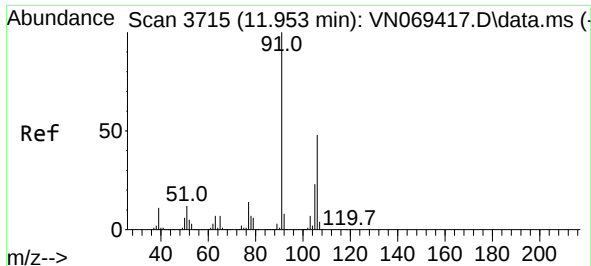


#67
Ethyl Benzene
Concen: 27.221 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 91 Resp: 2392555

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.7	38.5

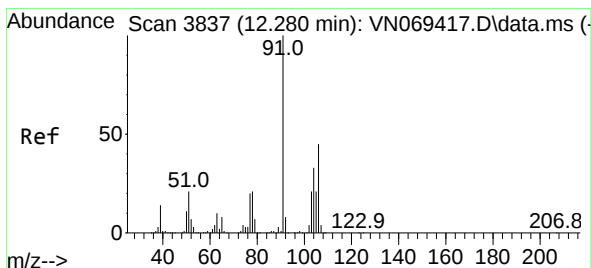
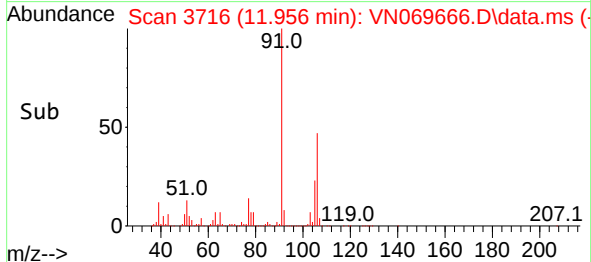
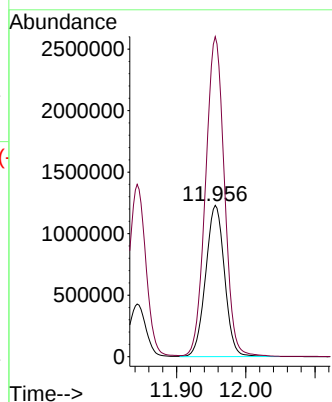
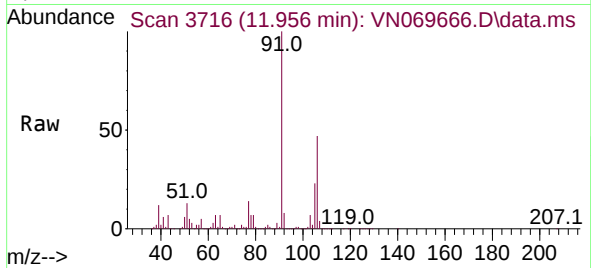




#68
m/p-Xylenes
Concen: 72.069 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

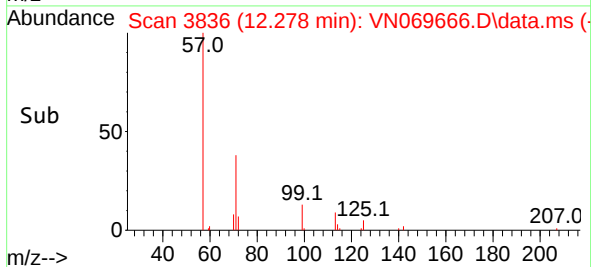
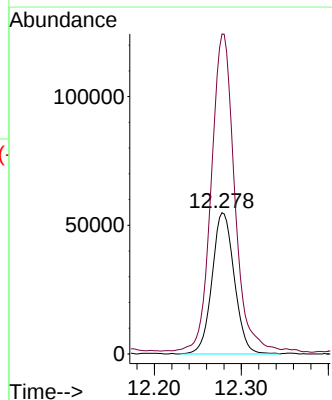
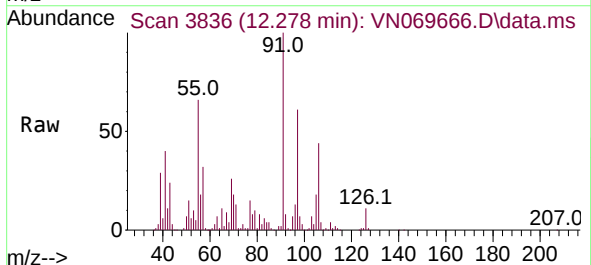
Instrument :
MSVOA_N
ClientSampleId :

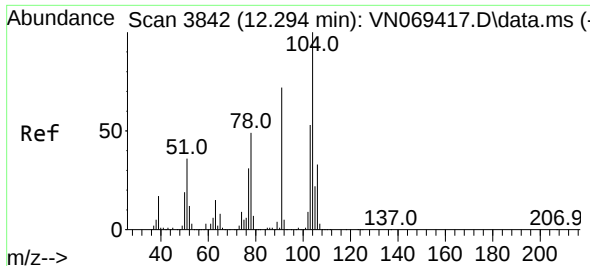
Tgt Ion:106 Resp: 2329740
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8



#69
o-Xylene
Concen: 3.026 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

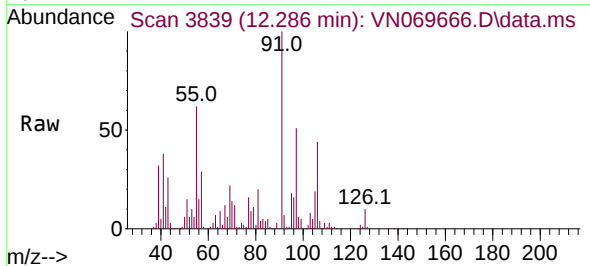
Tgt Ion:106 Resp: 97515
Ion Ratio Lower Upper
106 100
91 233.3 105.8 317.3



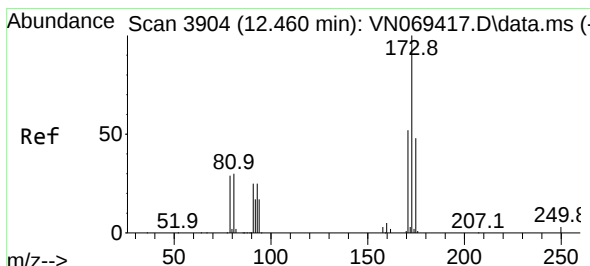
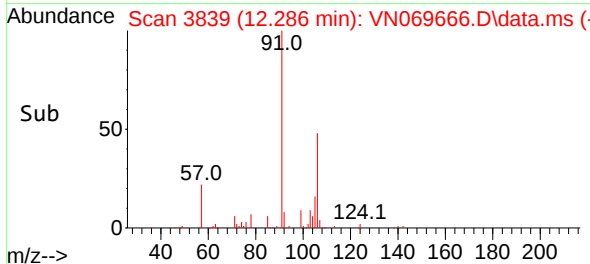
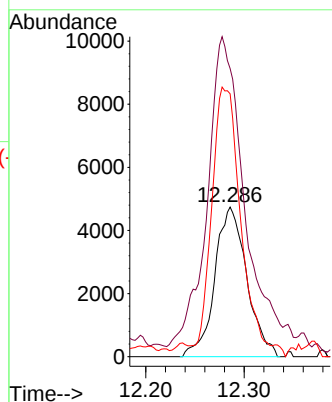


#70
Styrene
Concen: 1.700 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.008 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

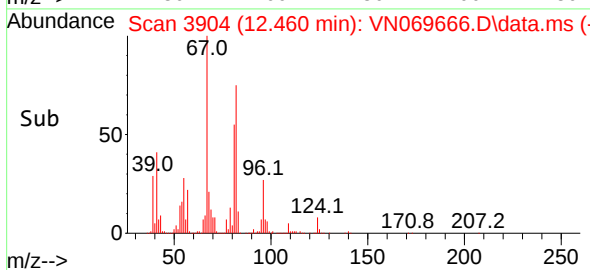
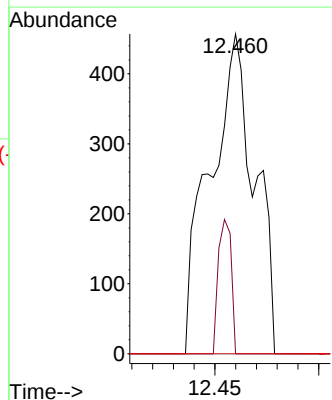
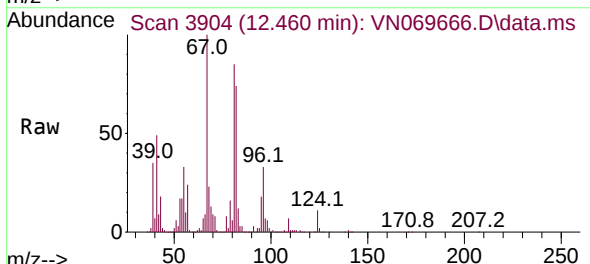


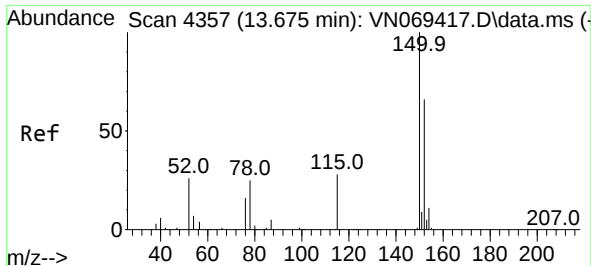
Tgt Ion:104 Resp: 10720
Ion Ratio Lower Upper
104 100
78 235.5 38.7 58.1#
103 147.8 45.0 67.6#



#71
Bromoform
Concen: 3.472 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

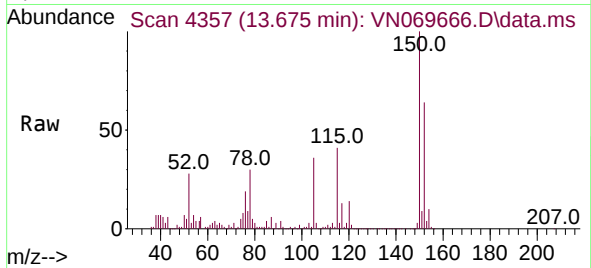
Tgt Ion:173 Resp: 682
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



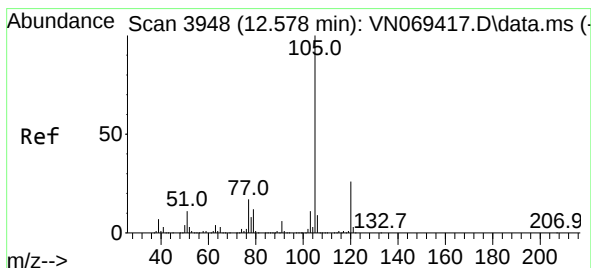
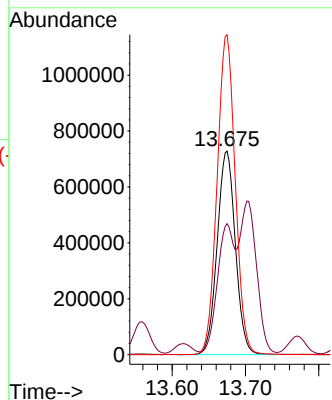
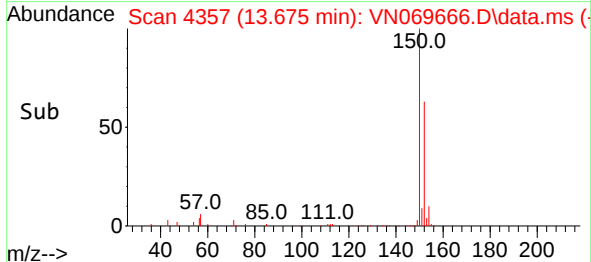


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

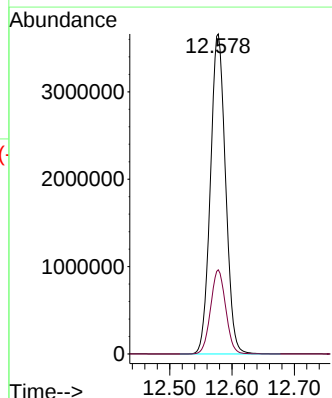
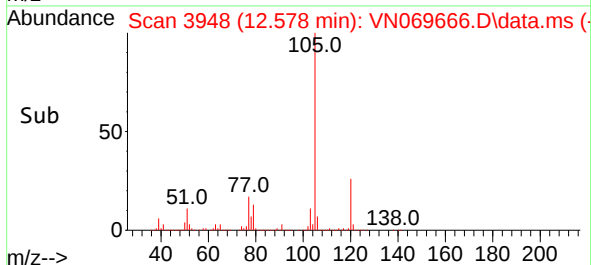
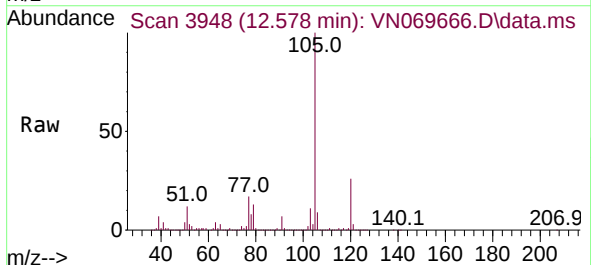


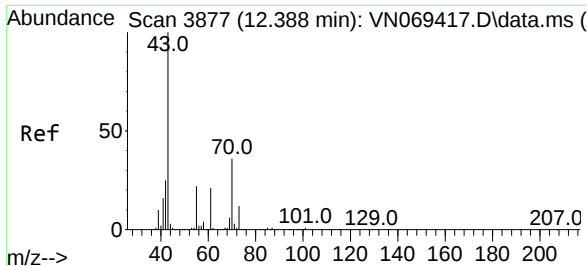
Tgt Ion:152 Resp: 1255910
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 156.4 0.0 344.4



#73
Isopropylbenzene
Concen: 61.765 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

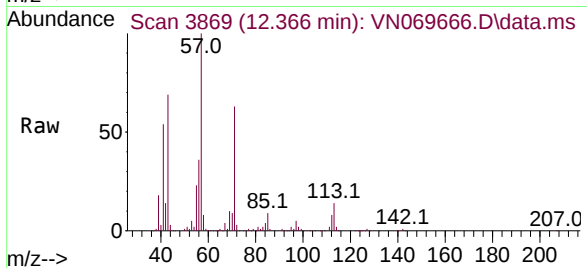
Tgt Ion:105 Resp: 6176352
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



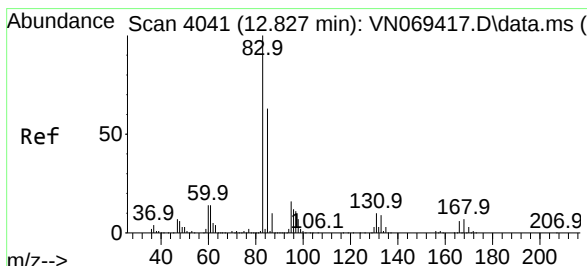
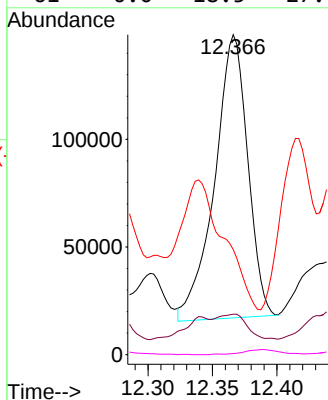
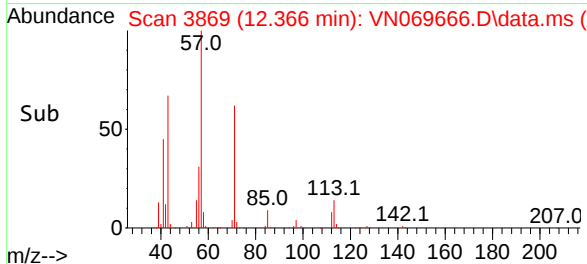


#74
N-amy1 acetate
Concen: 5.532 ug/l
RT: 12.366 min Scan# 31
Delta R.T. -0.022 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

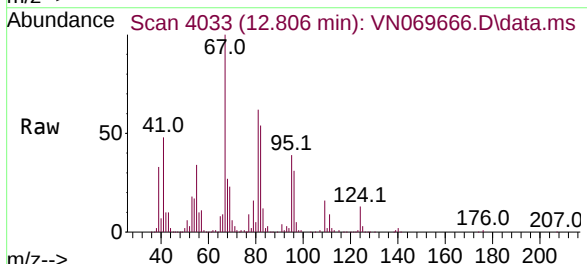
Instrument :
MSVOA_N
ClientSampleId :



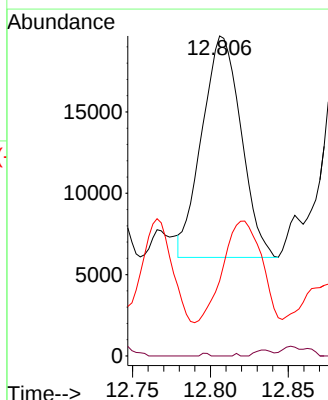
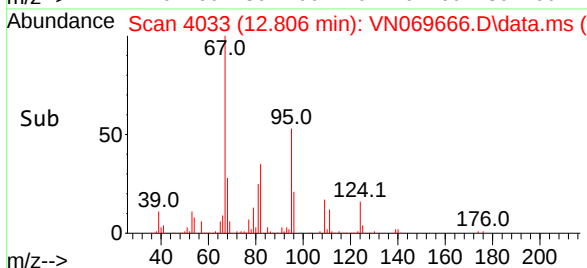
Tgt Ion:	43	Resp:	234424
Ion Ratio	Lower	Upper	
43	100		
70	0.0	33.4	50.0#
55	0.0	19.3	28.9#
61	0.0	18.5	27.7#

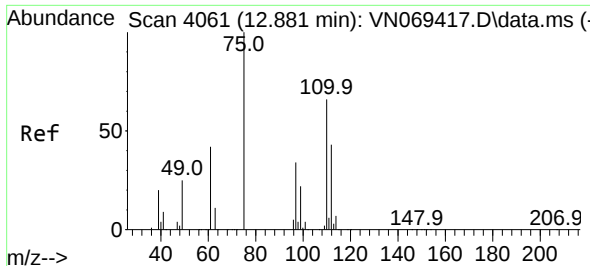


#75
1,1,2,2-Tetrachloroethane
Concen: 0.704 ug/l
RT: 12.806 min Scan# 4033
Delta R.T. -0.021 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion:	83	Resp:	23755
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.5	16.5#
85	0.0	32.4	97.2#

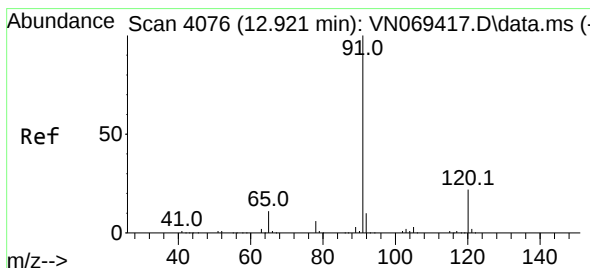
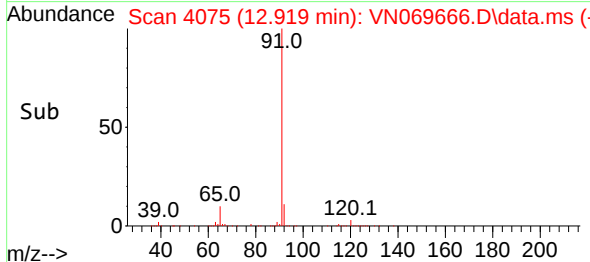
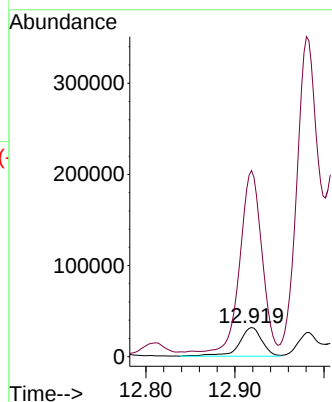
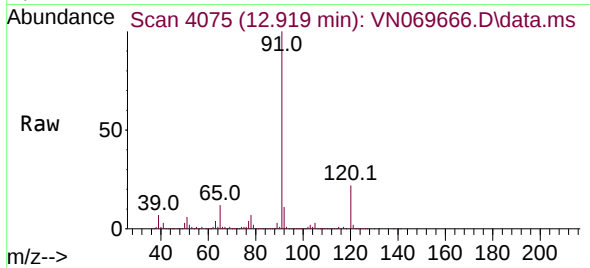




#76
 1,2,3-Trichloropropane
 Concen: 1.919 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. 0.038 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

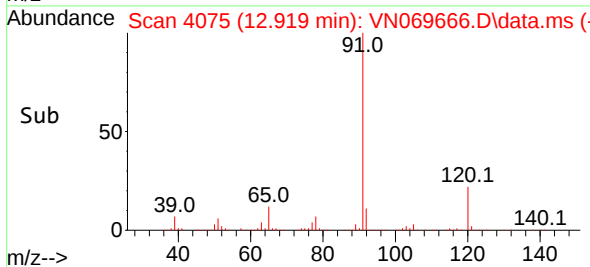
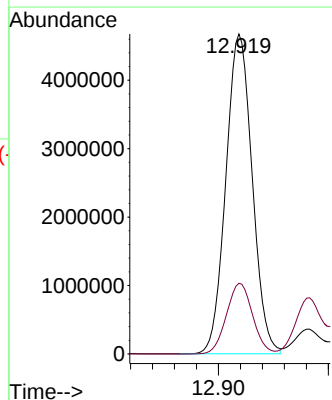
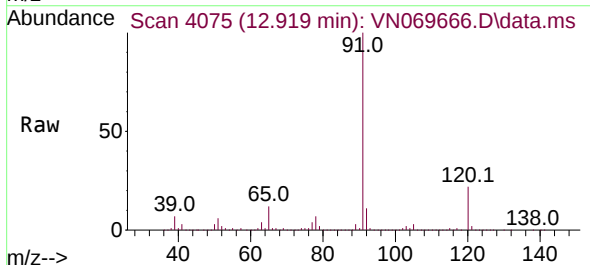
Instrument :
 MSVOA_N
 ClientSampleId :

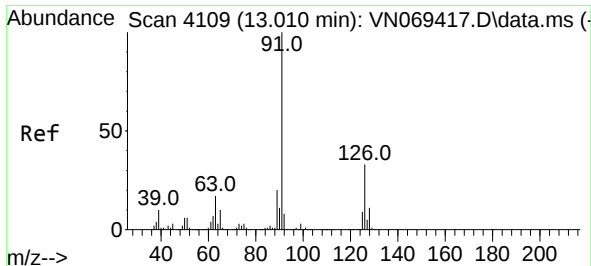
Tgt Ion: 75 Resp: 55617
 Ion Ratio Lower Upper
 75 100
 77 597.2 82.6 247.8#



#78
 n-propylbenzene
 Concen: 69.222 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. -0.002 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

Tgt Ion: 91 Resp: 7788820
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.9 35.9

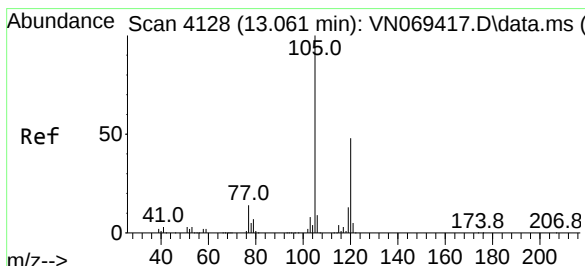
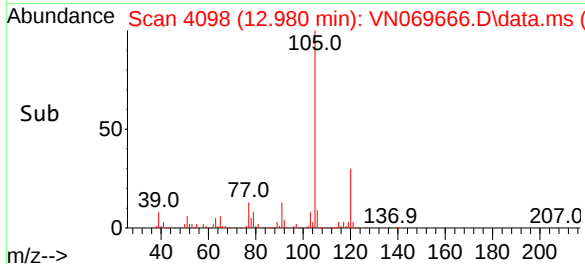
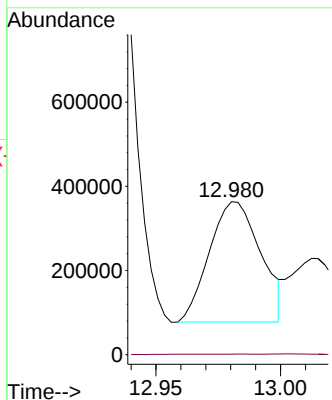
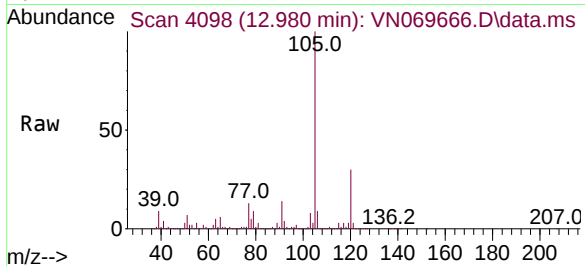




#79
2-Chlorotoluene
Concen: 5.881 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.030 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

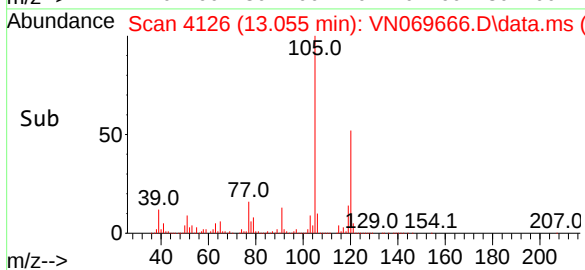
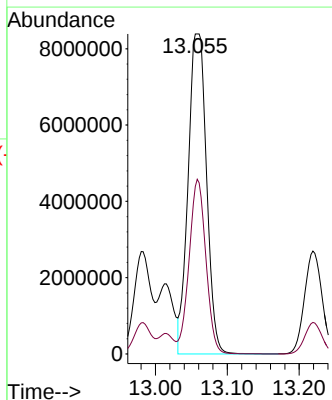
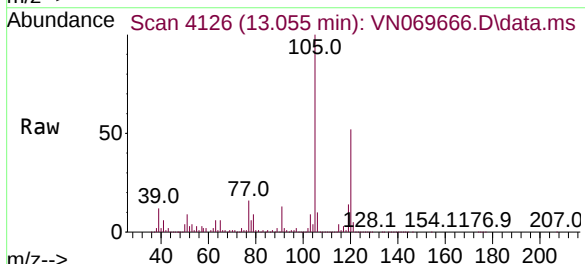
Instrument :
MSVOA_N
ClientSampleId :

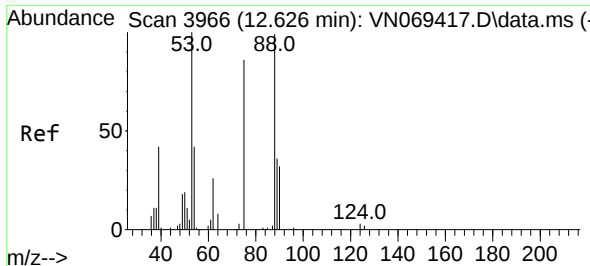
Tgt Ion: 91 Resp: 409735
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 184.936 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.006 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion:105 Resp:14950051
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.6

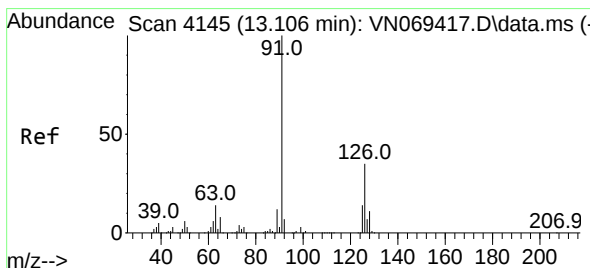
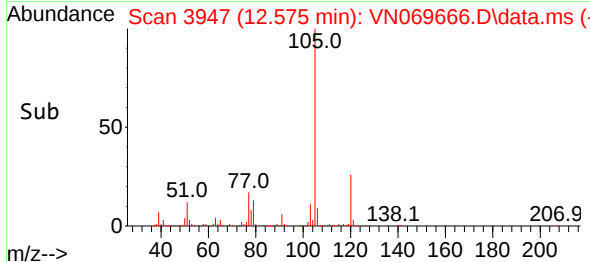
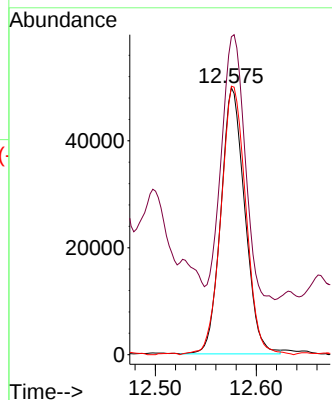
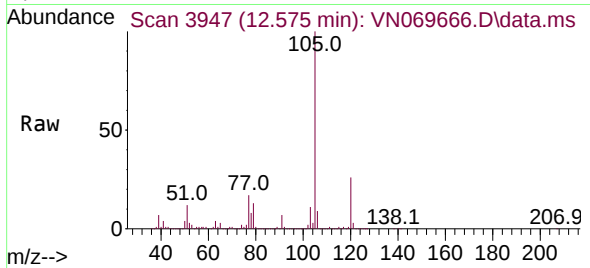




#81
trans-1,4-Dichloro-2-butene
Concen: 13.216 ug/l
RT: 12.575 min Scan# 3966
Delta R.T. -0.051 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

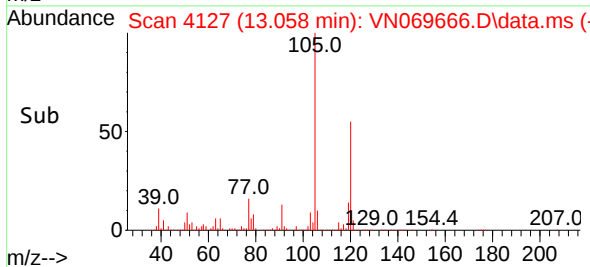
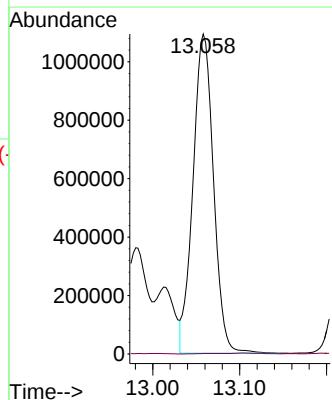
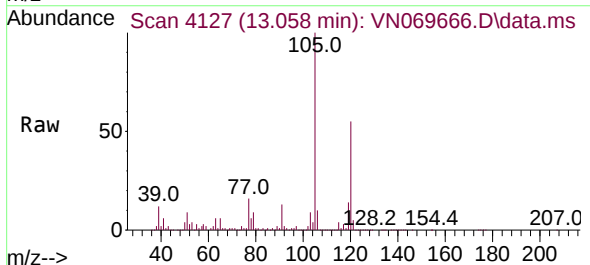
Instrument :
MSVOA_N
ClientSampleId :

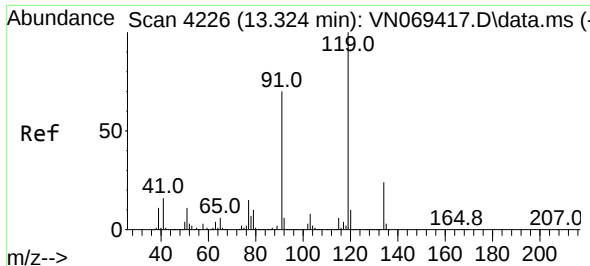
Tgt Ion: 75 Resp: 81802
Ion Ratio Lower Upper
75 100
53 96.9 90.5 135.7
89 105.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 26.937 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

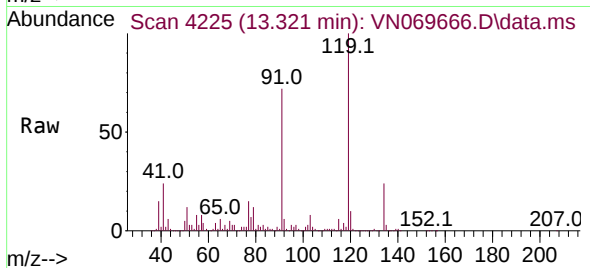
Tgt Ion: 91 Resp: 1788976
Ion Ratio Lower Upper
91 100
126 0.2 18.2 54.6#



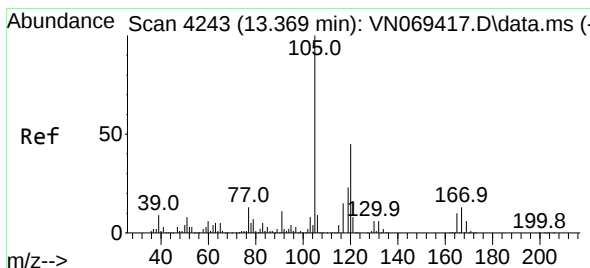
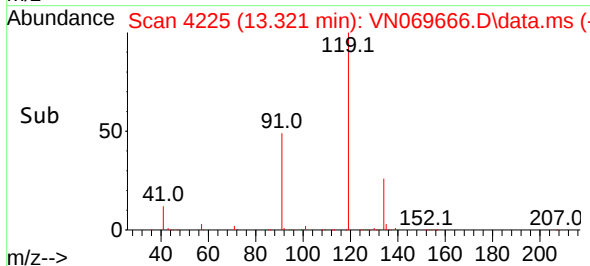
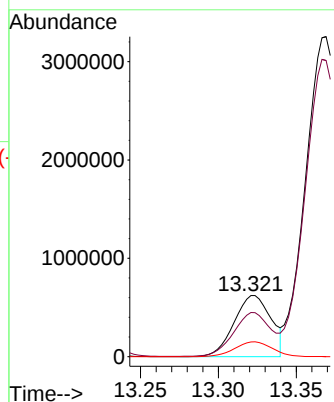


#83
tert-Butylbenzene
Concen: 14.552 ug/l
RT: 13.321 min Scan# 4187
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

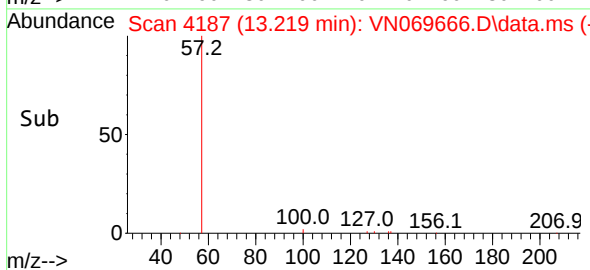
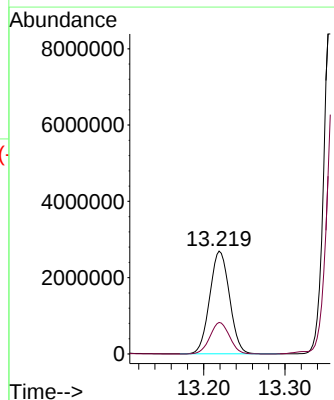
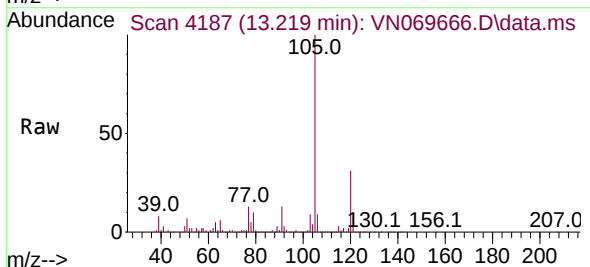


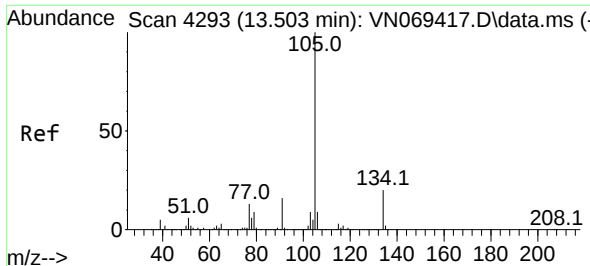
Tgt Ion:119 Resp: 1030884
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 58.392 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. -0.150 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion:105 Resp: 4556987
Ion Ratio Lower Upper
105 100
120 30.3 22.8 68.4

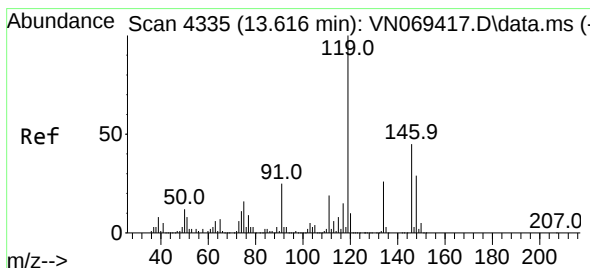
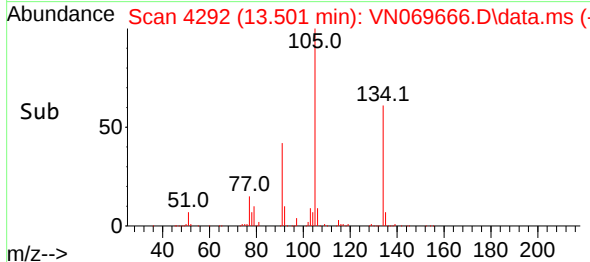
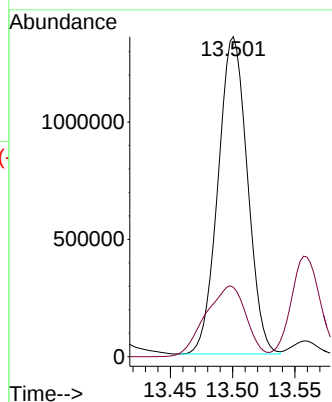
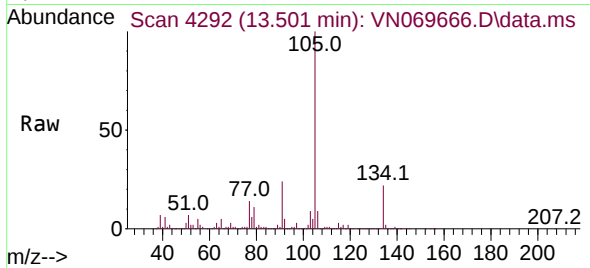




#85
 sec-Butylbenzene
 Concen: 22.410 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

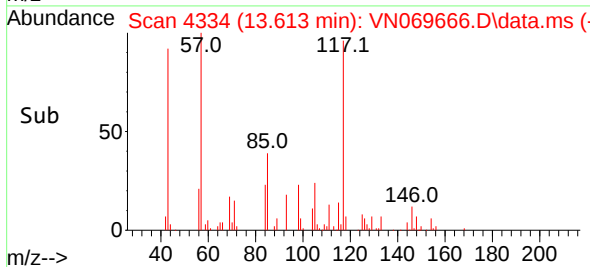
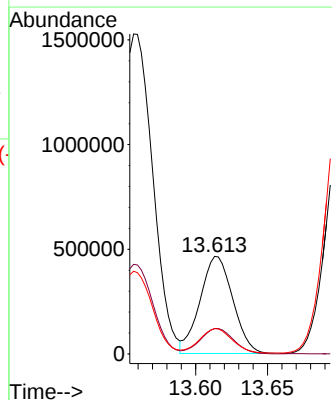
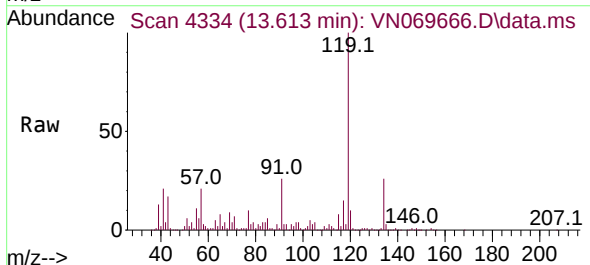
Instrument :
 MSVOA_N
 ClientSampleId :

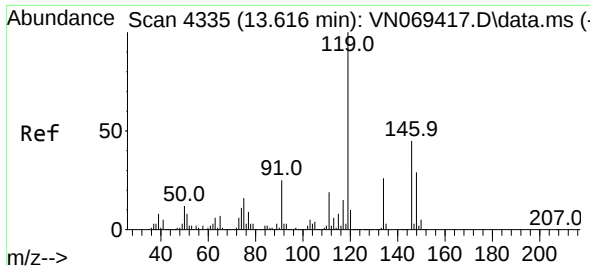
Tgt Ion:105 Resp: 2217701
 Ion Ratio Lower Upper
 105 100
 134 30.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 9.353 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

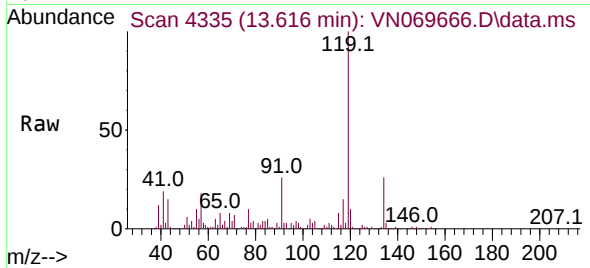
Tgt Ion:119 Resp: 734737
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 24.8 11.4 34.1



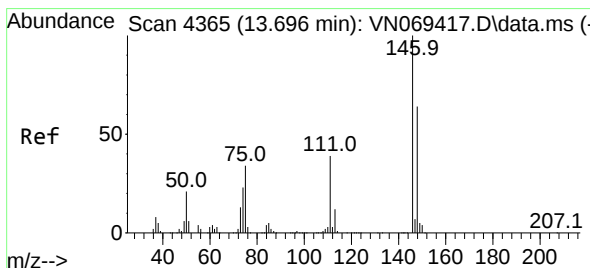
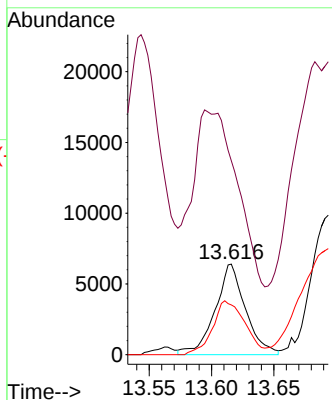
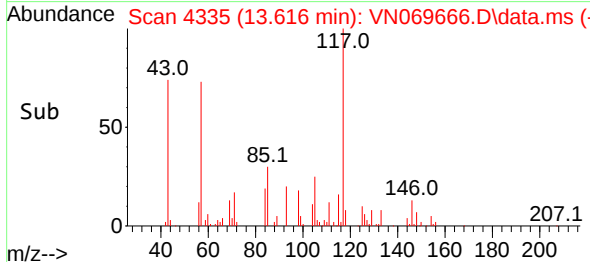


#87
 1,3-Dichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11

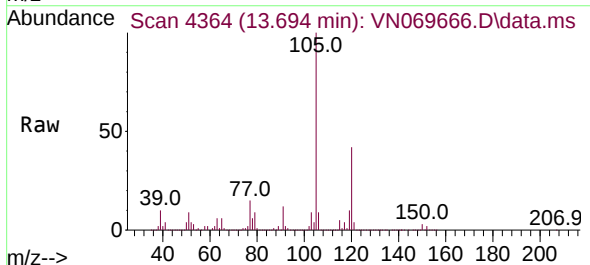
Instrument :
 MSVOA_N
 ClientSampleId :



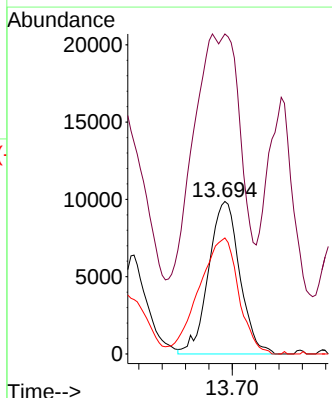
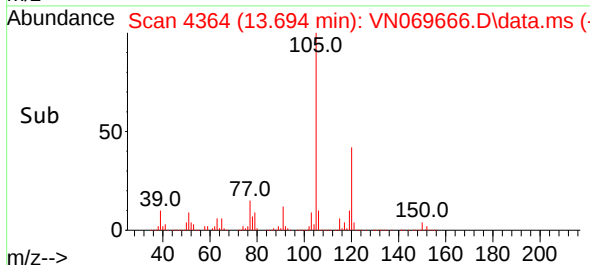
Tgt Ion:146 Resp: 10864
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.6 55.6#
 148 63.2 31.6 95.0

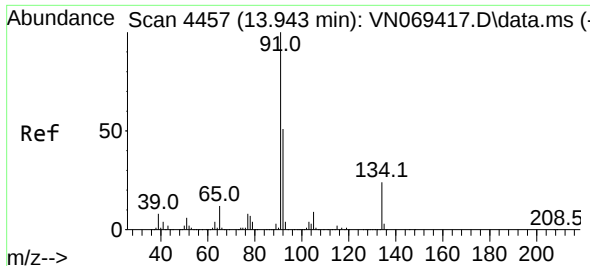


#88
 1,4-Dichlorobenzene
 Concen: 0.471 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.002 min
 Lab File: VN069666.D
 Acq: 29 Nov 2021 16:11



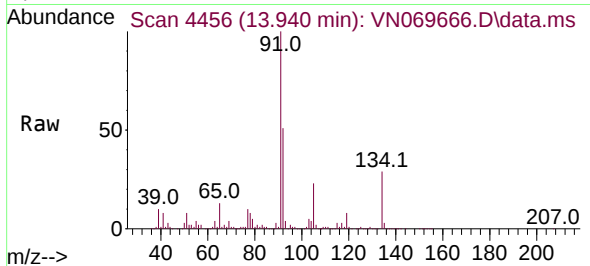
Tgt Ion:146 Resp: 18302
 Ion Ratio Lower Upper
 146 100
 111 131.0 18.3 54.8#
 148 96.4 31.8 95.4#



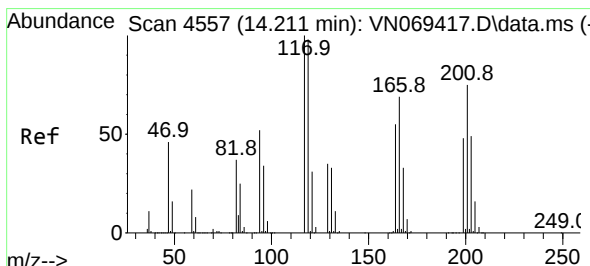
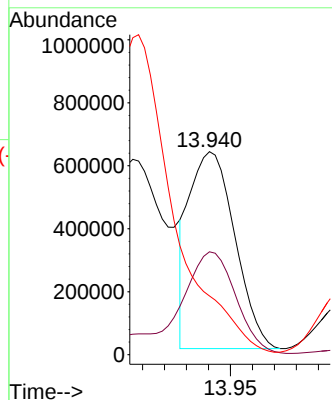
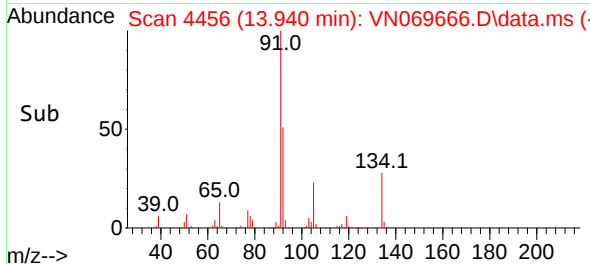


#89
n-Butylbenzene
Concen: 13.773 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

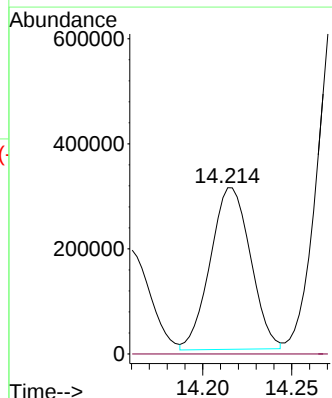
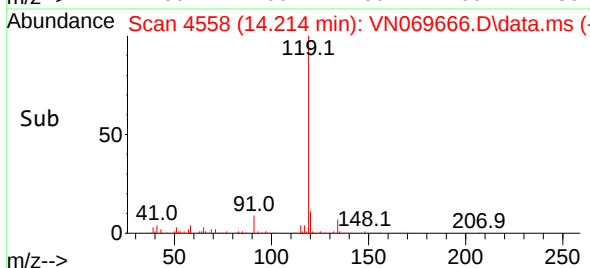
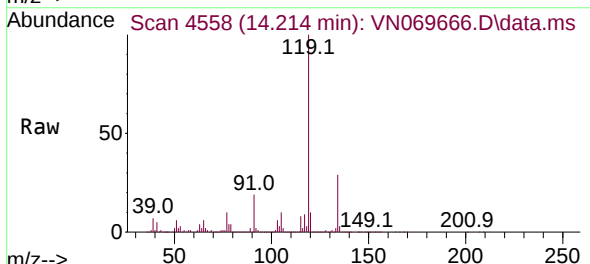


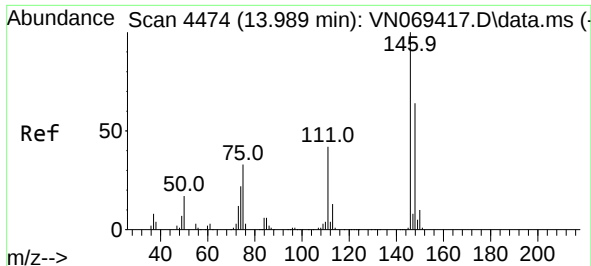
Tgt Ion: 91 Resp: 902252
Ion Ratio Lower Upper
91 100
92 66.6 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 34.149 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 117 Resp: 482752
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.323 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VN069666.D

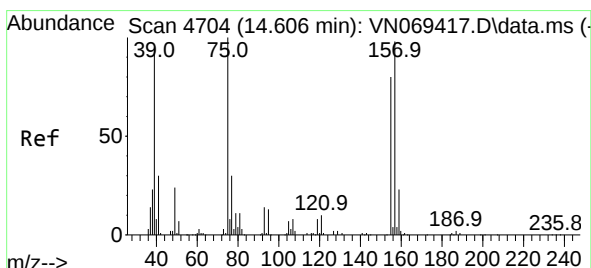
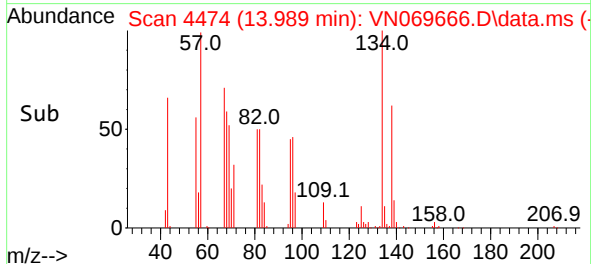
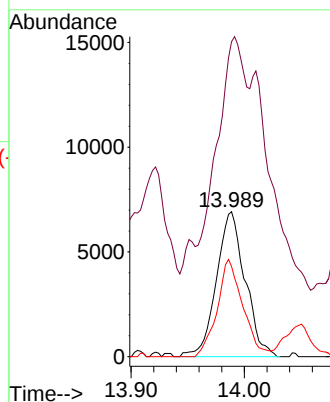
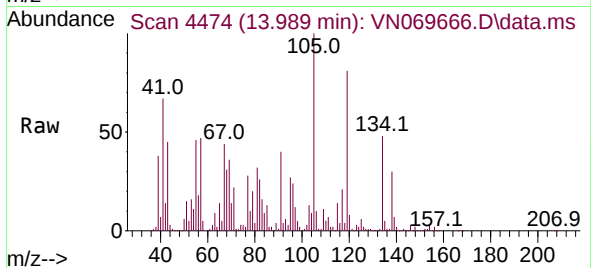
Acq: 29 Nov 2021 16:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146 Resp: 12189
 Ion Ratio Lower Upper
 146 100
 111 138.0 19.1 57.3#
 148 60.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.244 ug/l

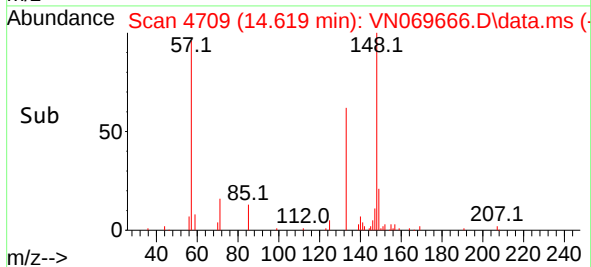
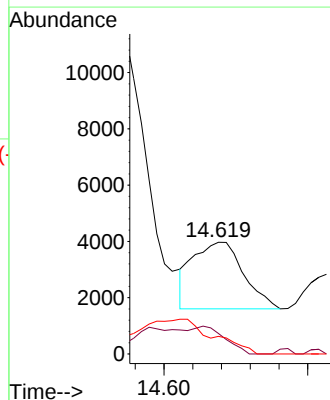
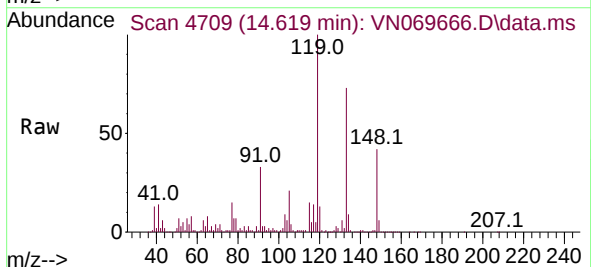
RT: 14.619 min Scan# 4709

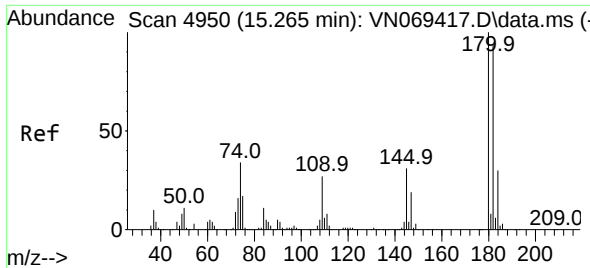
Delta R.T. 0.013 min

Lab File: VN069666.D

Acq: 29 Nov 2021 16:11

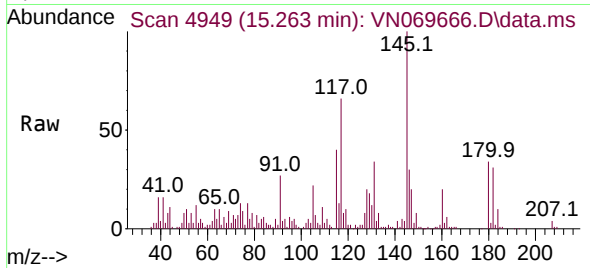
Tgt Ion: 75 Resp: 2911
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



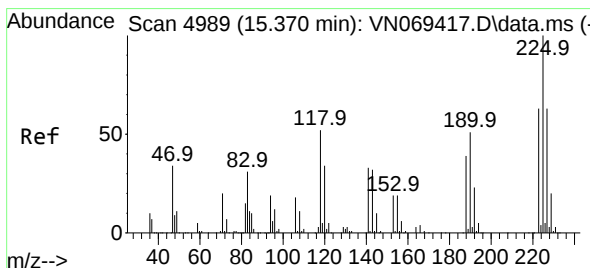
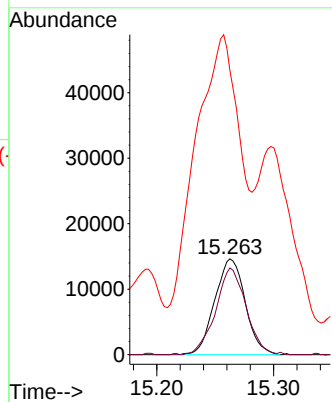
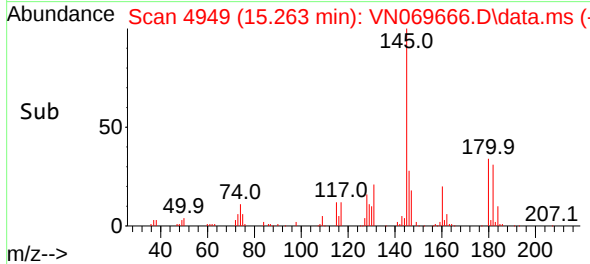


#93
1,2,4-Trichlorobenzene
Concen: 4.372 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

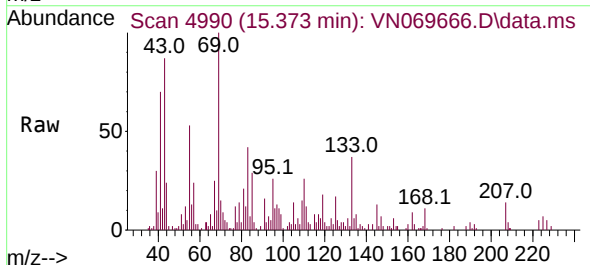
Instrument :
MSVOA_N
ClientSampleId :



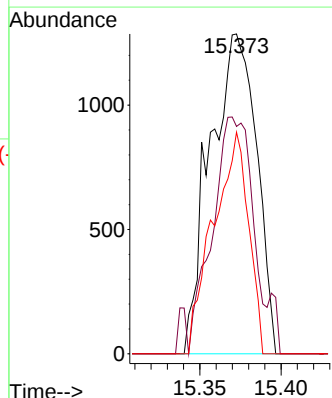
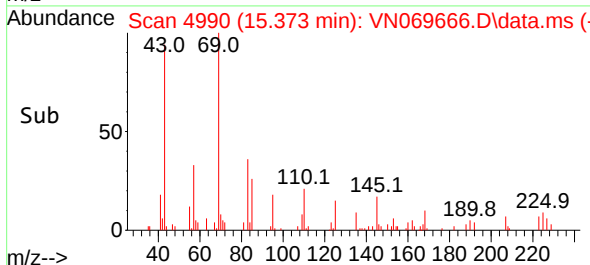
Tgt Ion:180 Resp: 26523
Ion Ratio Lower Upper
180 100
182 90.0 48.3 144.9
145 408.6 14.5 43.5#

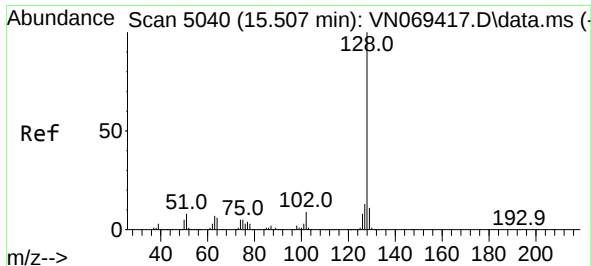


#94
Hexachlorobutadiene
Concen: 0.260 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion:225 Resp: 2551
Ion Ratio Lower Upper
225 100
223 67.6 31.9 95.7
227 52.6 32.1 96.3

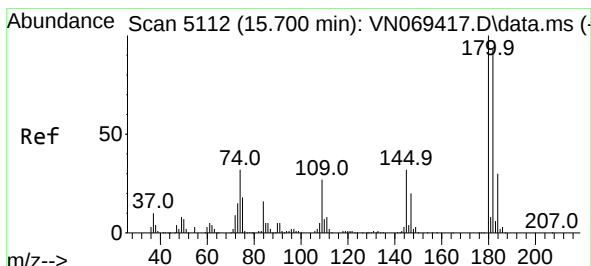
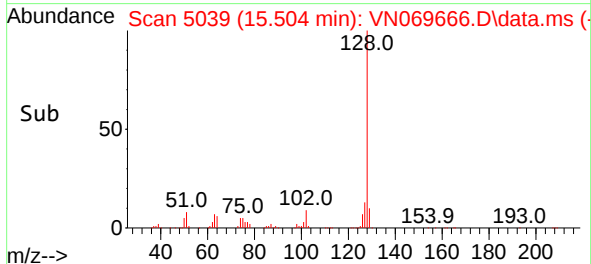
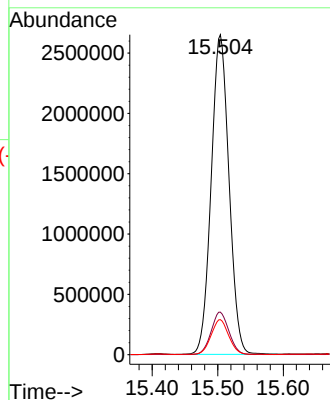
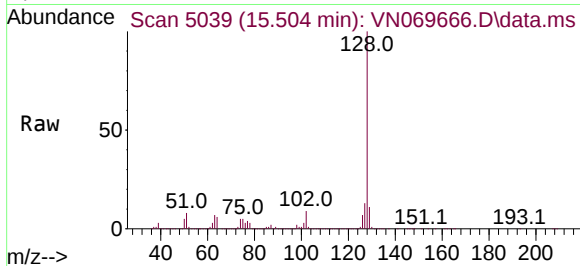




#95
Naphthalene
Concen: 86.021 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4992129
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.709 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion:180 Resp: 31067
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 65.1 15.0 45.1#

