

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069259.D
 Acq On : 28 Oct 2021 19:19
 Operator : JC/MD
 Sample : M4357-01
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-102521

Quant Time: Oct 28 19:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

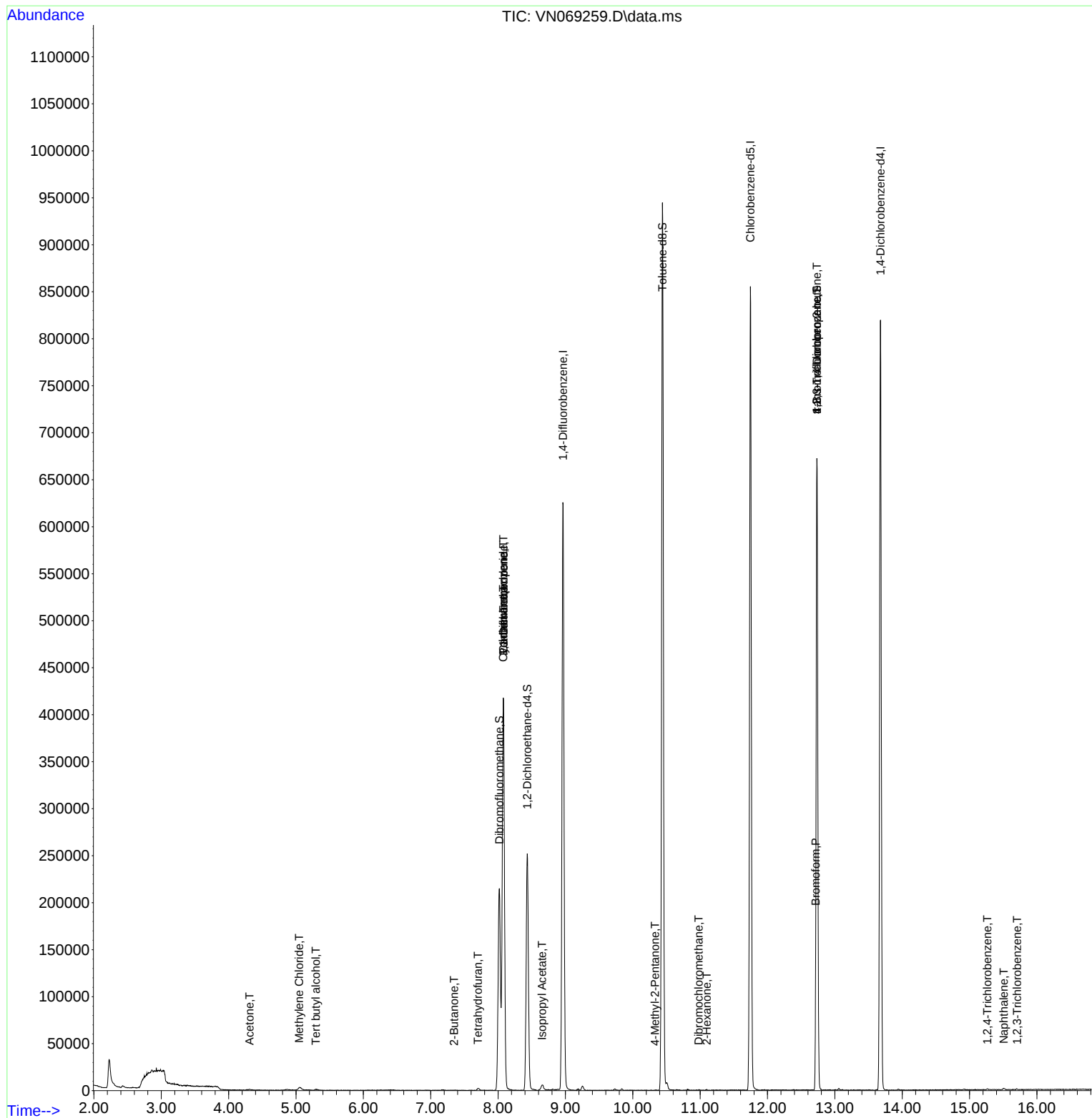
Internal Standards						
1) Pentafluorobenzene	8.080	168	317215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	557179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	497507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	214160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	213919	46.716	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.440%		
35) Dibromofluoromethane	8.019	113	158182	45.543	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.080%		
50) Toluene-d8	10.440	98	677353	48.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.734	95	236790	45.186	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	495	Below Cal	#	42
11) Tert butyl alcohol	5.294	59	728	14.181	ug/l #	72
16) Acetone	4.312	43	866	0.444	ug/l	98
20) Methylene Chloride	5.047	84	1327	0.355	ug/l #	88
25) 2-Butanone	7.348	43	227	1.710	ug/l #	48
29) Tetrahydrofuran	7.699	42	1013	3.458	ug/l #	71
31) Cyclohexane	8.075	56	7556	1.233	ug/l #	17
36) 1,1-Dichloropropene	8.080	75	25532	5.315	ug/l #	50
38) Carbon Tetrachloride	8.078	117	33141	6.953	ug/l #	15
43) Isopropyl Acetate	8.654	43	3884	0.862	ug/l #	55
51) 4-Methyl-2-Pentanone	10.330	43	193	6.433	ug/l #	36
59) 2-Hexanone	11.098	43	768	8.157	ug/l	68
60) Dibromochloromethane	10.980	129	104	1.998	ug/l #	10
71) Bromoform	12.715	173	59	2.891	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	125157	22.220	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	125157	64.113	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	331	2.578	ug/l #	67
95) Naphthalene	15.507	128	2130	3.494	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.705	180	194	2.261	ug/l #	29

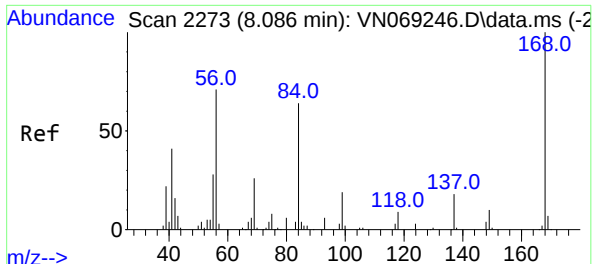
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
CL-01-102521

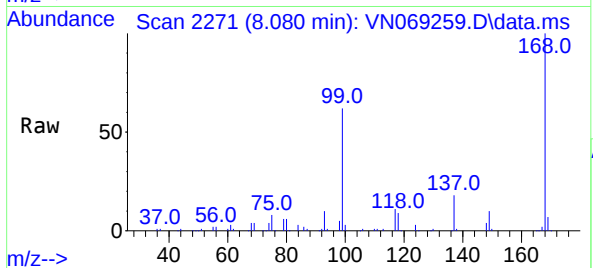
Quant Time: Oct 28 19:36:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



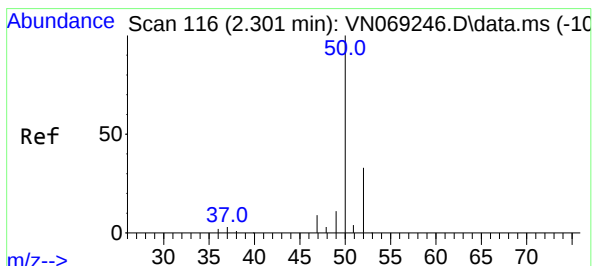
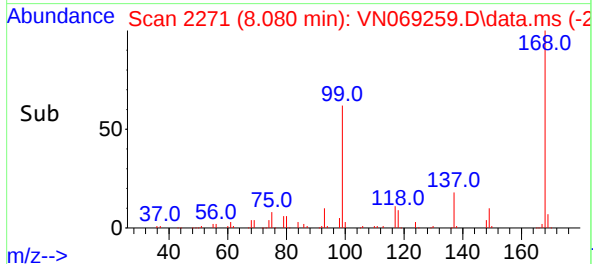
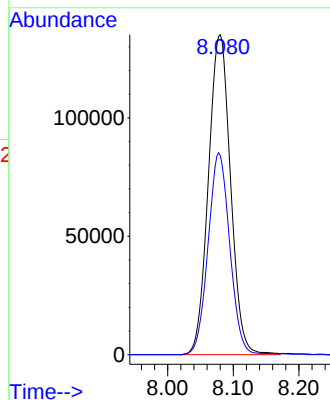


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

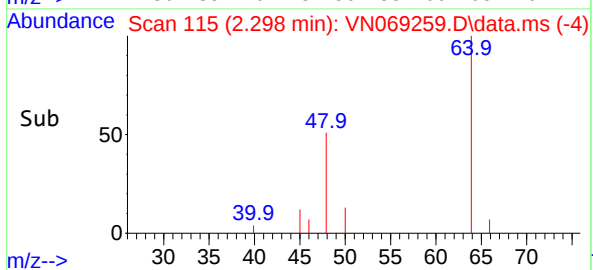
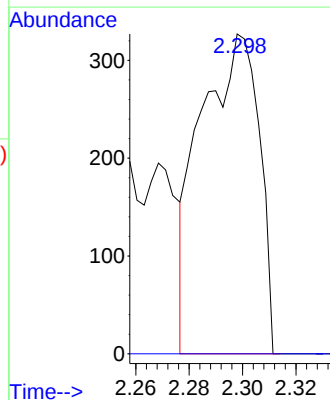
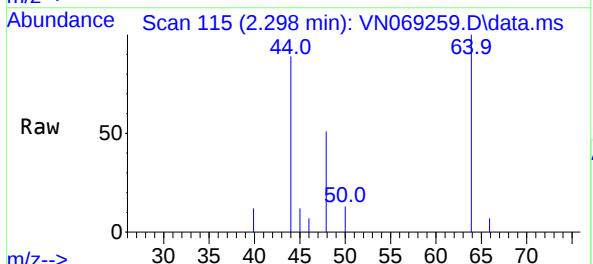


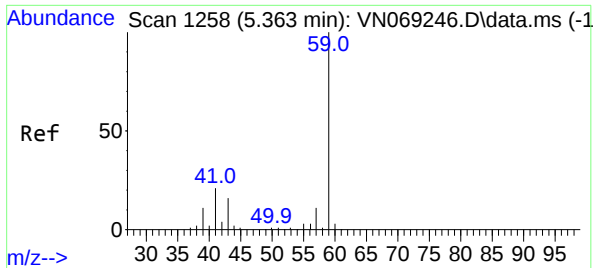
Tgt Ion:168 Resp: 317215
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 115
Delta R.T. -0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

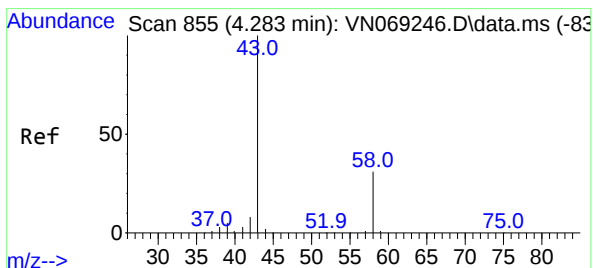
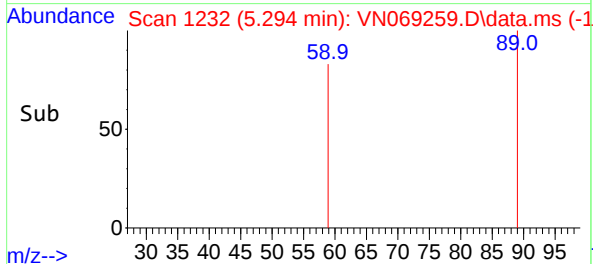
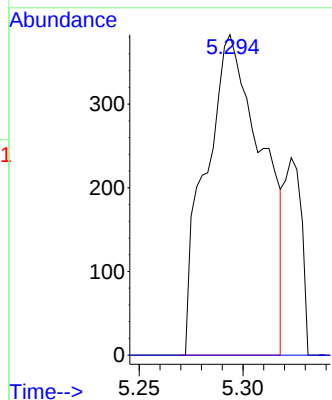
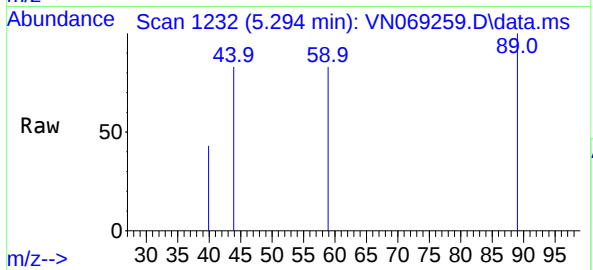




#11
Tert butyl alcohol
Concen: 14.181 ug/l
RT: 5.294 min Scan# 11
Delta R.T. -0.069 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

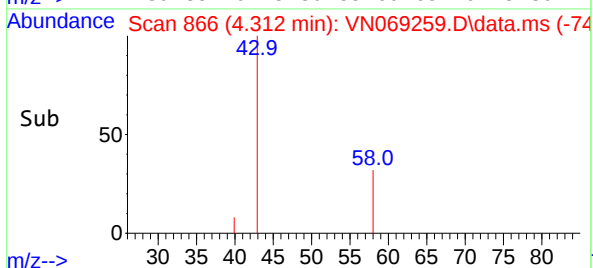
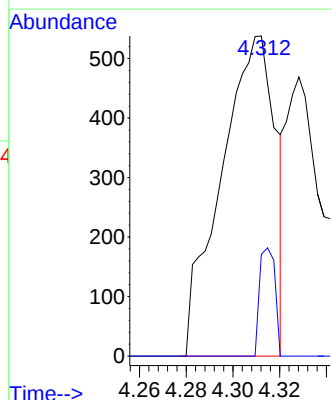
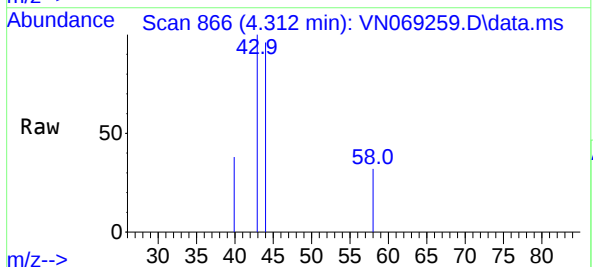
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

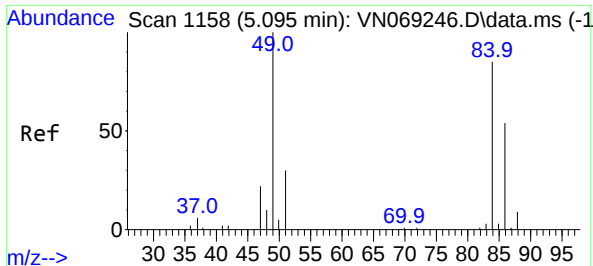
Tgt Ion: 59 Resp: 728
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.444 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.029 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 31.8 24.5 36.7



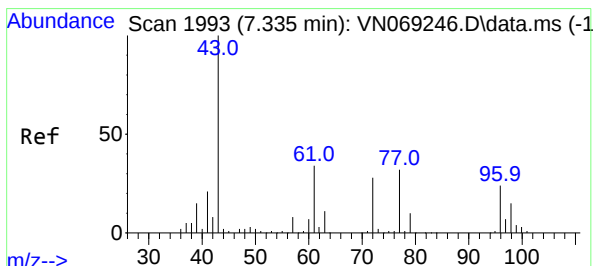
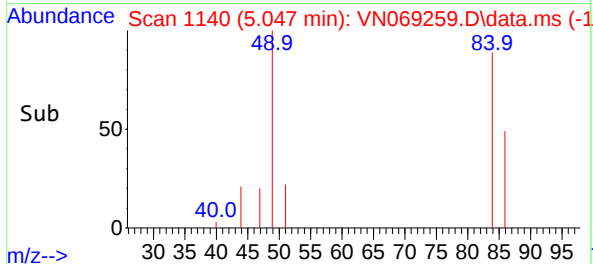
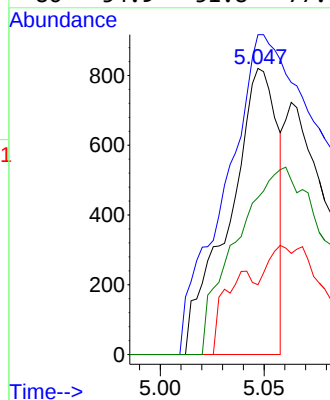
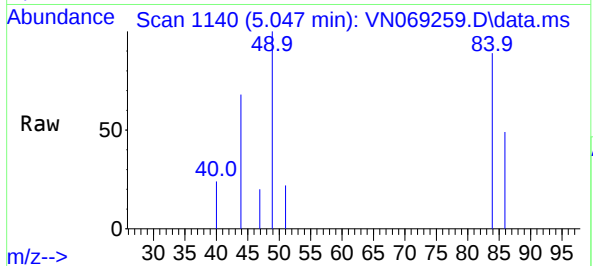


#20
Methylene Chloride
Concen: 0.355 ug/l
RT: 5.047 min Scan# 1158
Delta R.T. -0.048 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

Tgt Ion: 84 Resp: 1327

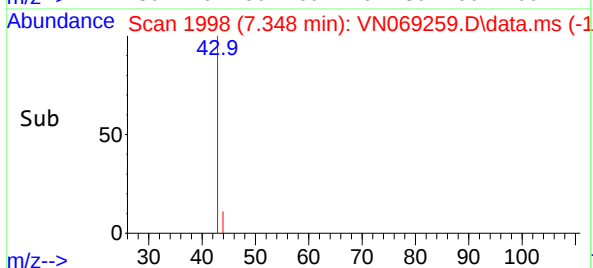
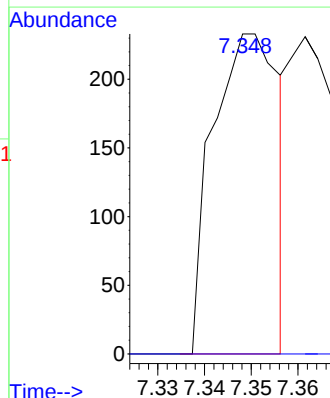
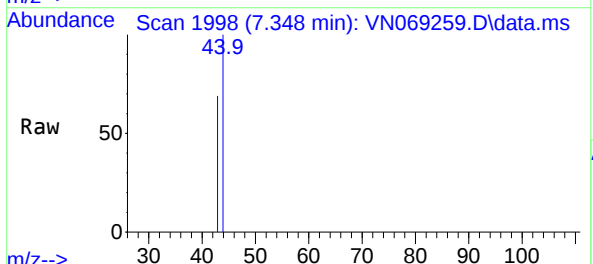
Ion	Ratio	Lower	Upper
84	100		
49	111.8	97.6	146.4
51	24.4	30.3	45.5#
86	54.9	51.8	77.6

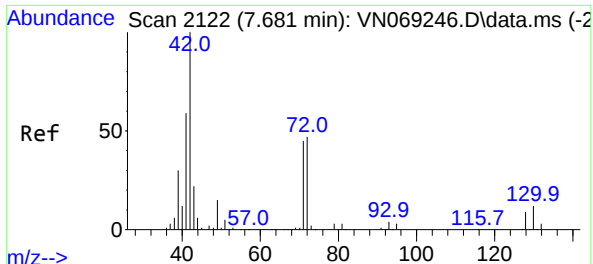


#25
2-Butanone
Concen: 1.710 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 43 Resp: 227

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.2	31.8#



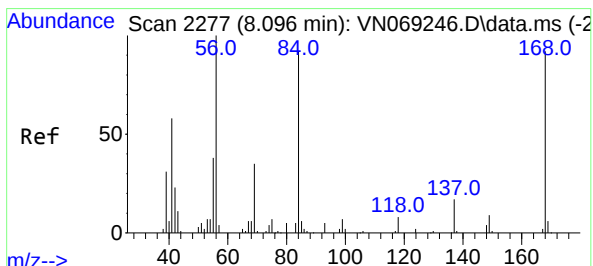
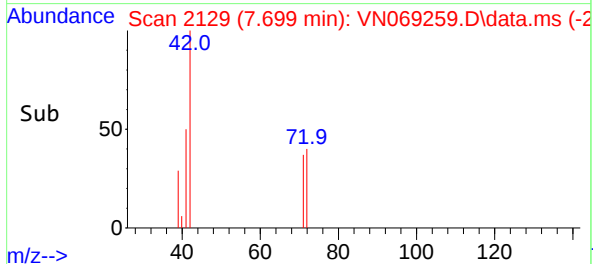
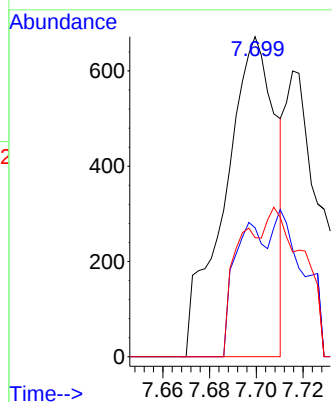
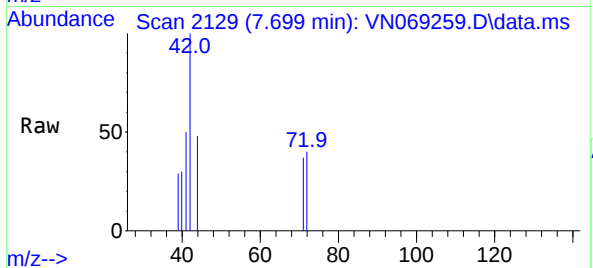


#29
Tetrahydrofuran
Concen: 3.458 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.018 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

Tgt Ion: 42 Resp: 1013

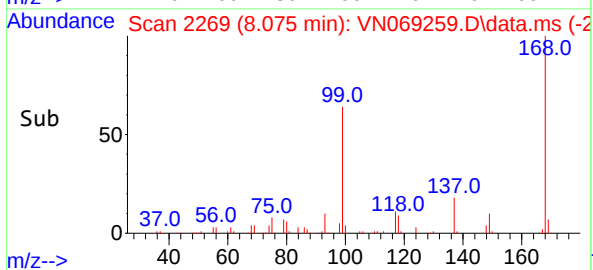
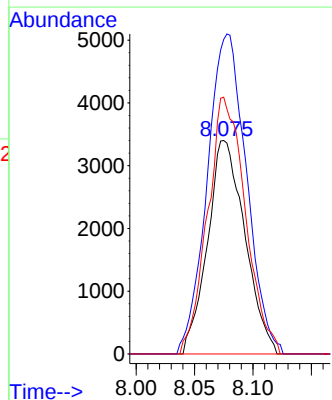
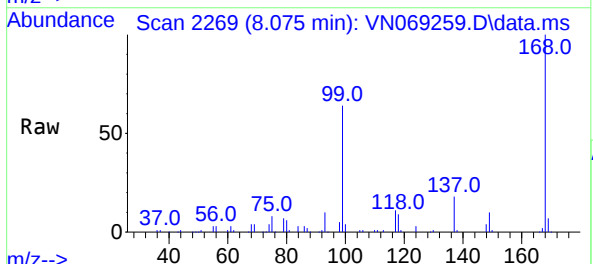
Ion	Ratio	Lower	Upper
42	100		
72	26.5	35.4	53.2#
71	22.9	33.8	50.6#

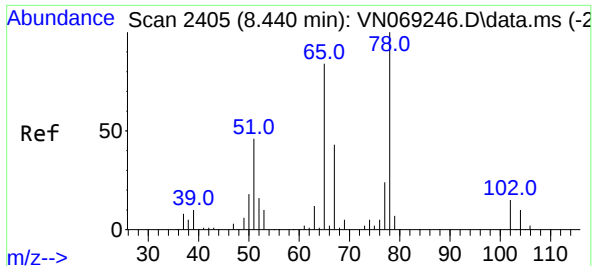


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.021 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 56 Resp: 7556

Ion	Ratio	Lower	Upper
56	100		
69	142.8	26.9	40.3#
84	120.3	67.6	101.4#





#33

1,2-Dichloroethane-d4

Concen: 46.716 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.006 min

Lab File: VN069259.D

Acq: 28 Oct 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

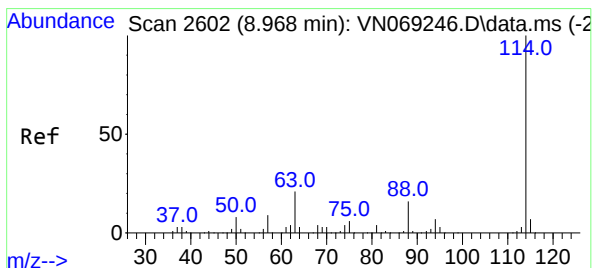
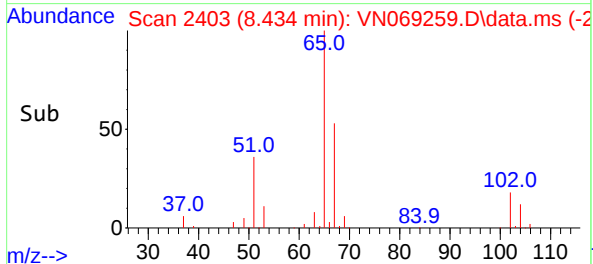
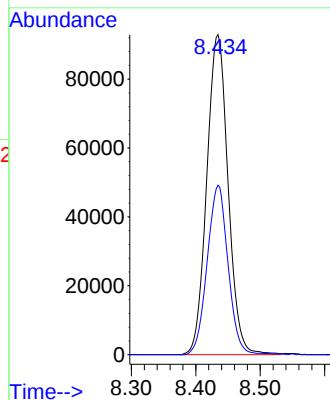
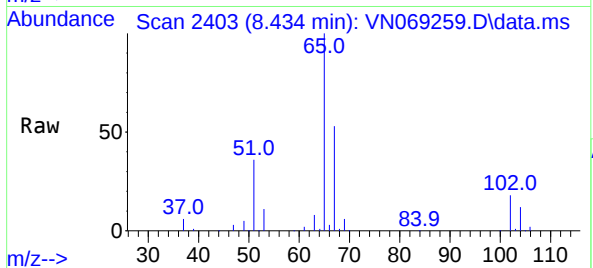
CL-01-102521

Tgt Ion: 65 Resp: 213919

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069259.D

Acq: 28 Oct 2021 19:19

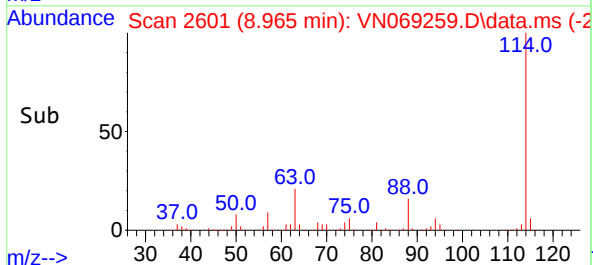
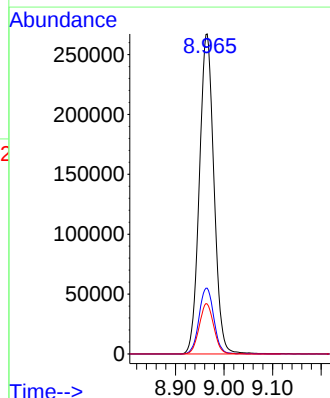
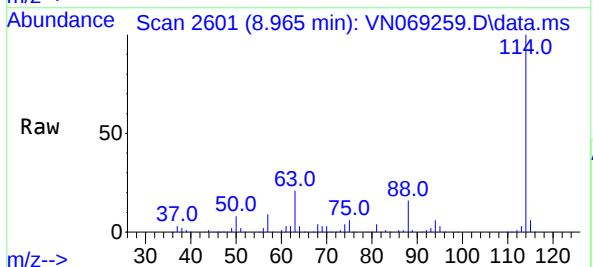
Tgt Ion: 114 Resp: 557179

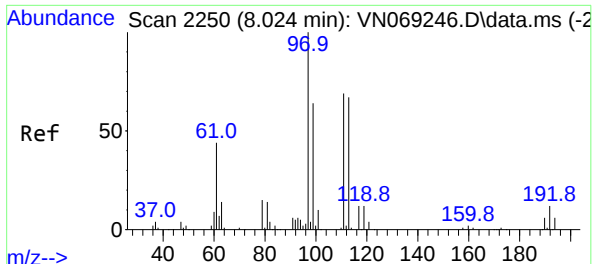
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.6 0.0 32.0

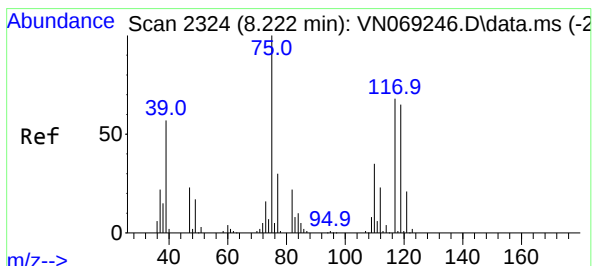
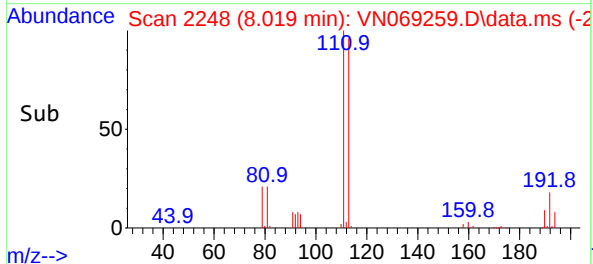
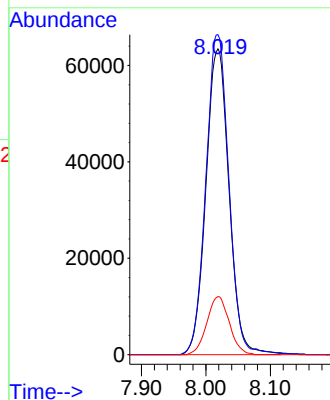
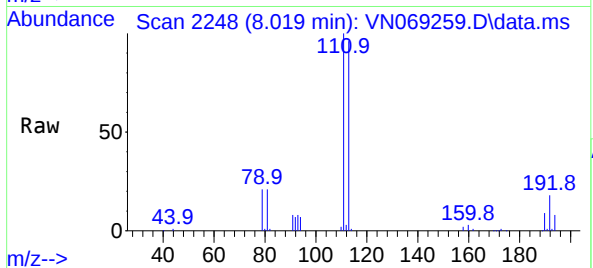




#35
Dibromofluoromethane
Concen: 45.543 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

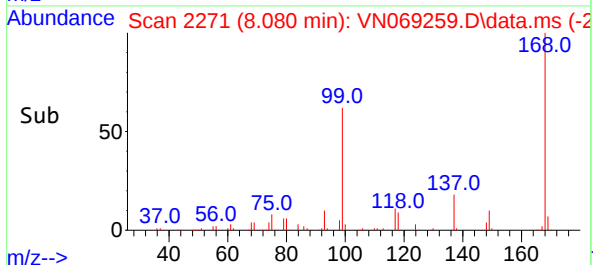
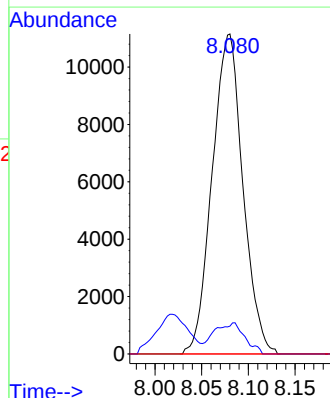
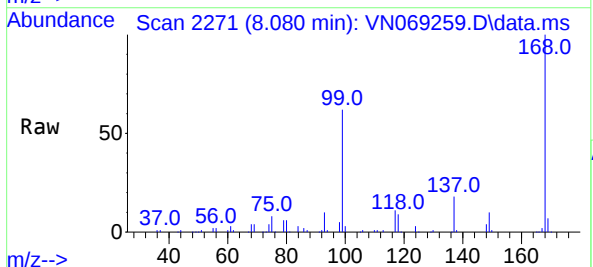
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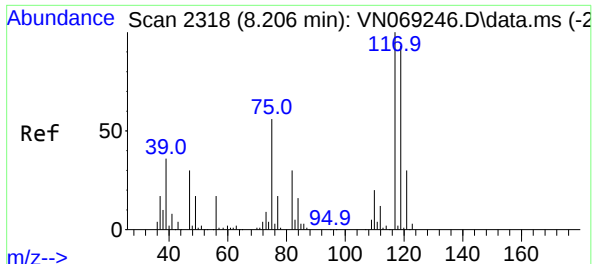
Tgt Ion:113 Resp: 158182
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.315 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

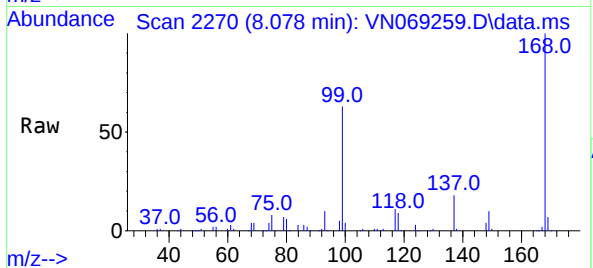
Tgt Ion: 75 Resp: 25532
Ion Ratio Lower Upper
75 100
110 9.9 17.9 53.8#
77 0.0 24.7 37.1#



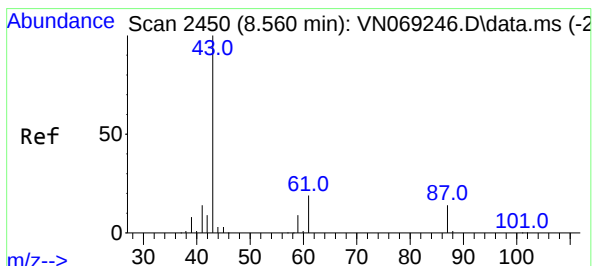
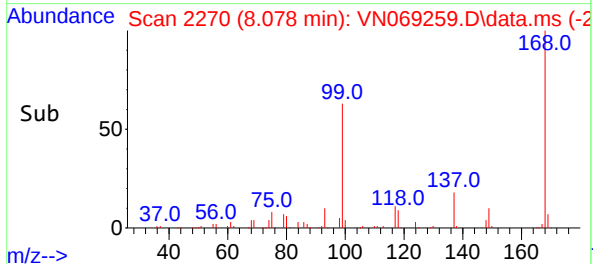
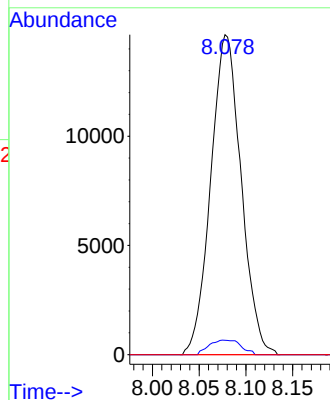


#38
Carbon Tetrachloride
Concen: 6.953 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.128 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

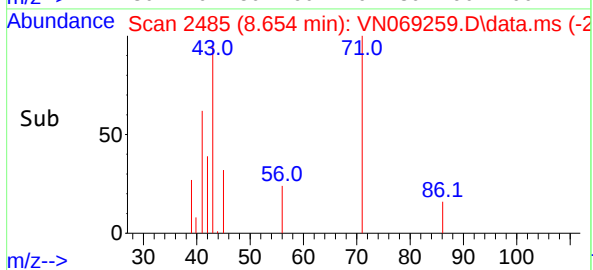
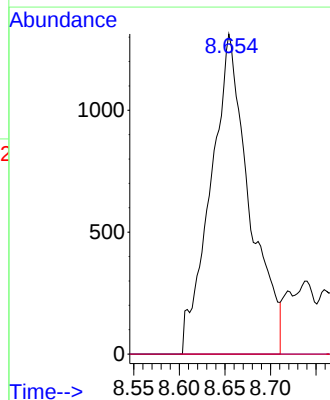
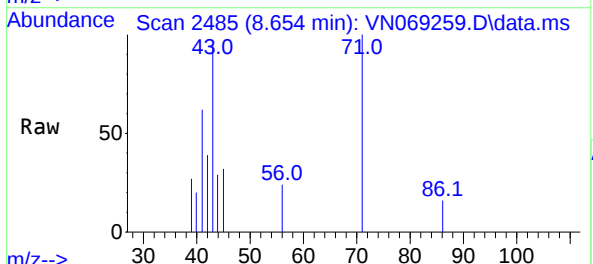


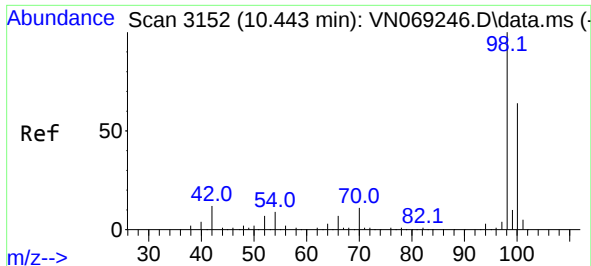
Tgt Ion:117 Resp: 33141
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.862 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.094 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 43 Resp: 3884
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

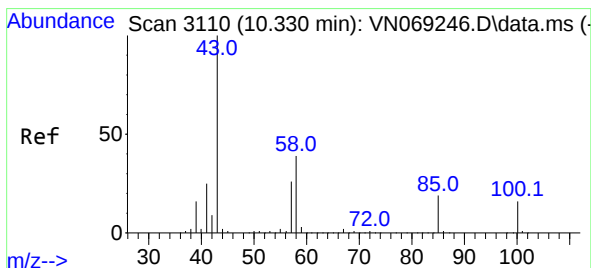
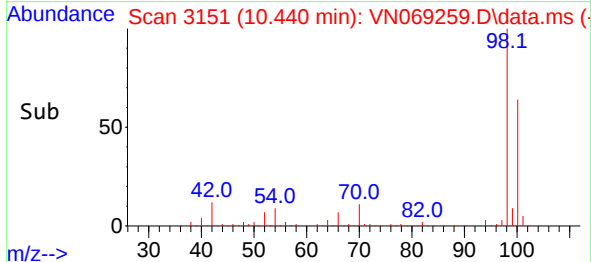
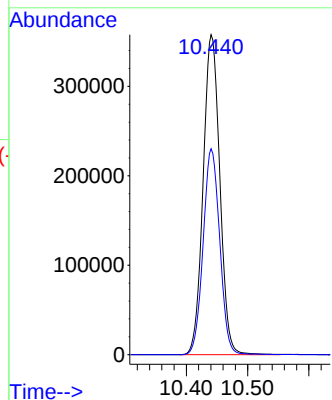
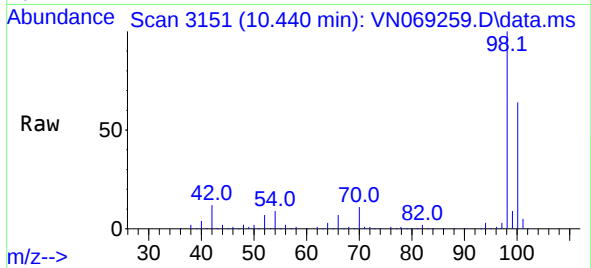




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

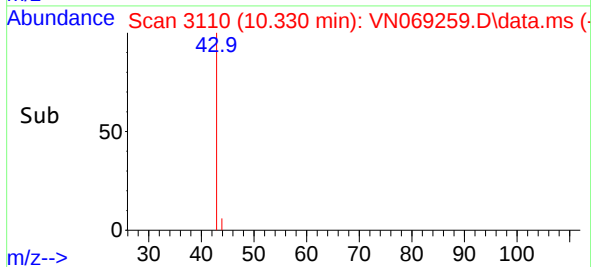
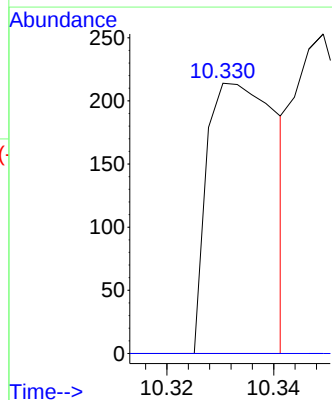
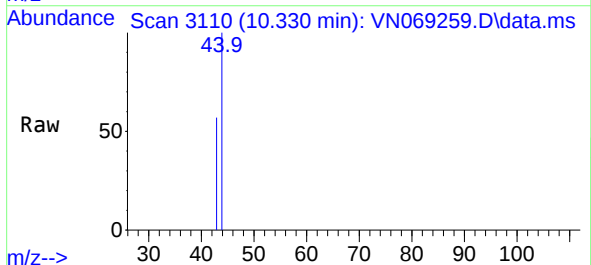
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

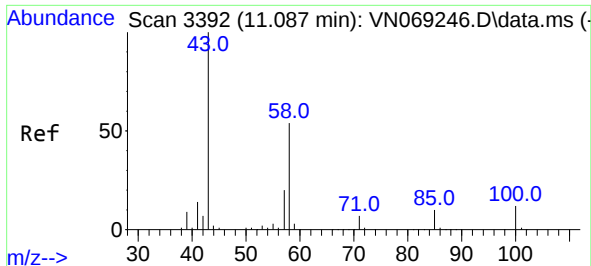
Tgt Ion: 98 Resp: 677353
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.433 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#





#59

2-Hexanone

Concen: 8.157 ug/l

RT: 11.098 min Scan# 31

Delta R.T. 0.011 min

Lab File: VN069259.D

Acq: 28 Oct 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

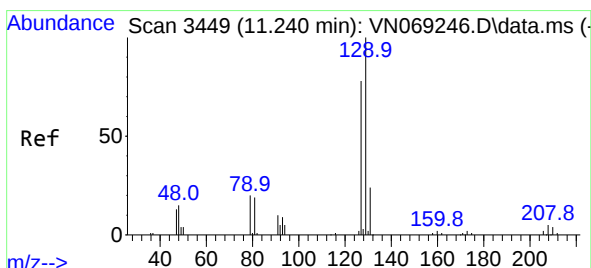
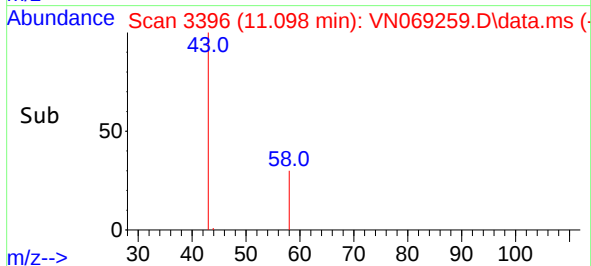
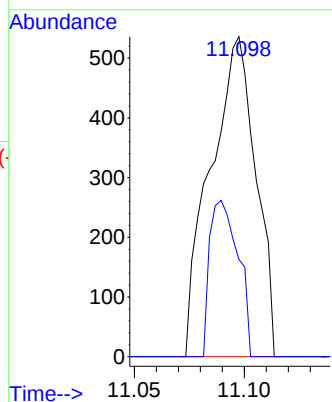
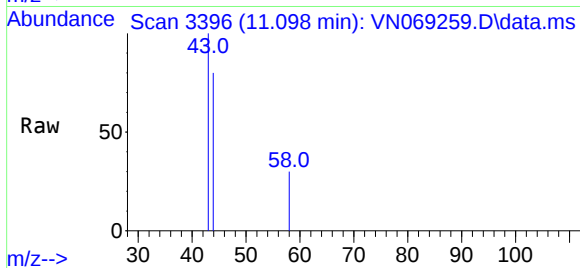
CL-01-102521

Tgt Ion: 43 Resp: 768

Ion Ratio Lower Upper

43 100

58 30.6 26.9 80.7



#60

Dibromochloromethane

Concen: 1.998 ug/l

RT: 10.980 min Scan# 3352

Delta R.T. -0.260 min

Lab File: VN069259.D

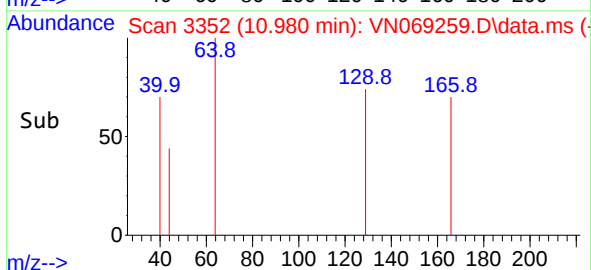
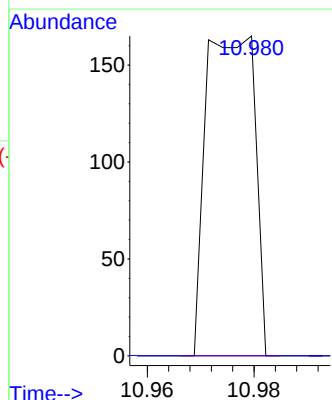
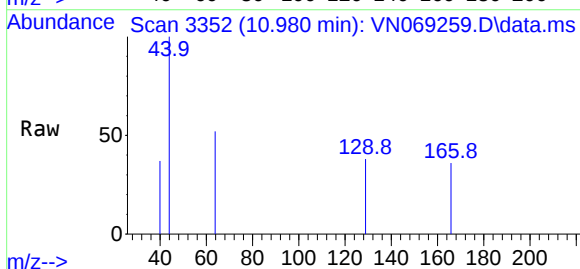
Acq: 28 Oct 2021 19:19

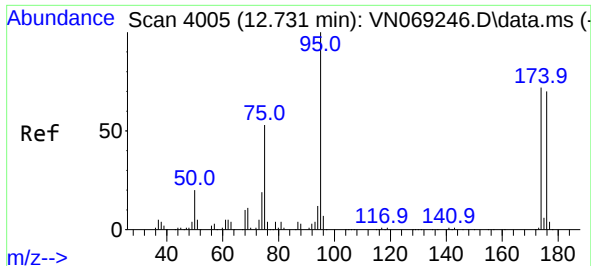
Tgt Ion: 129 Resp: 104

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#

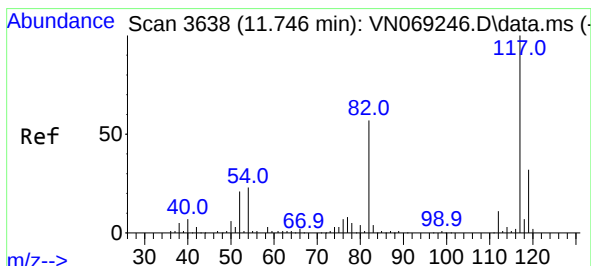
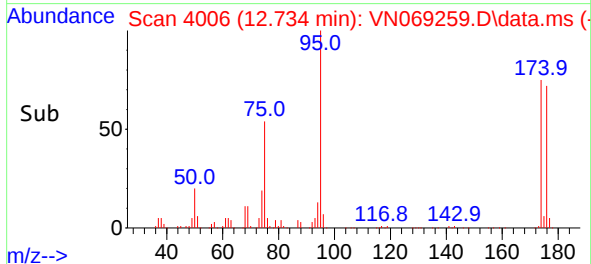
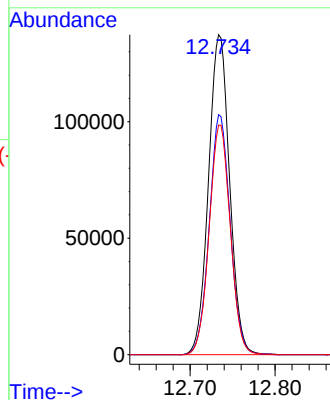
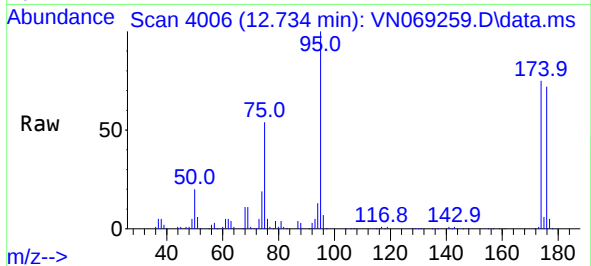




#62
4-Bromofluorobenzene
Concen: 45.186 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

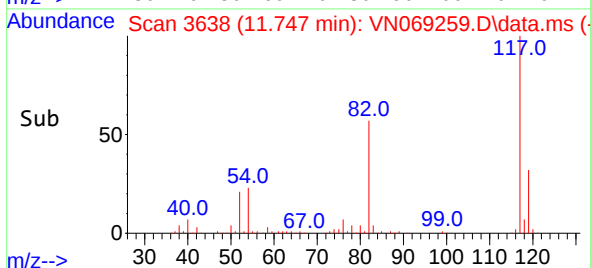
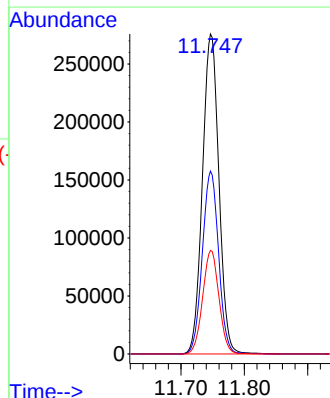
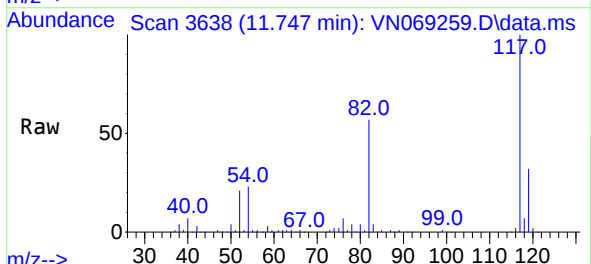
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

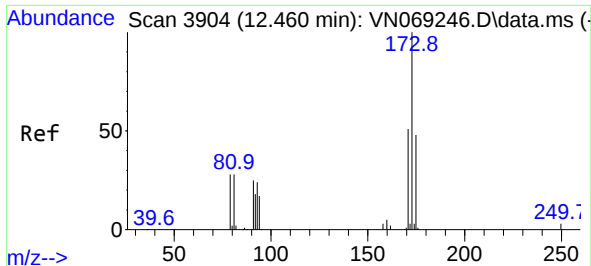
Tgt Ion: 95 Resp: 236790
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.8
176 71.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 117 Resp: 497507
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.4 26.0 39.0

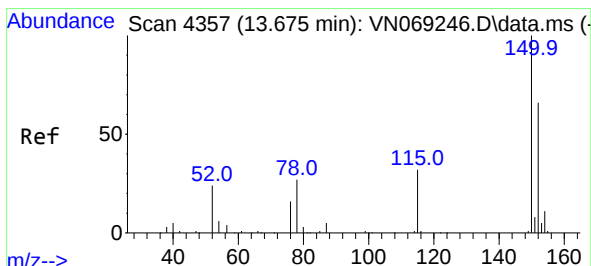
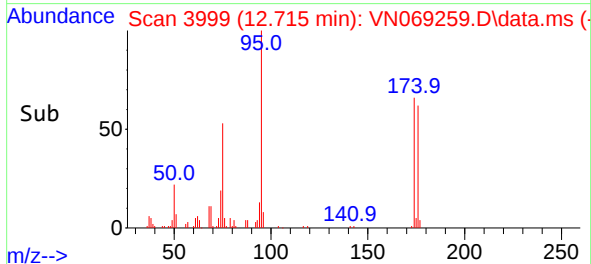
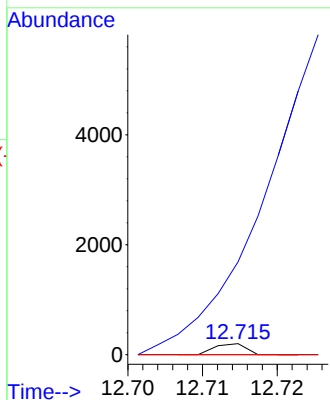
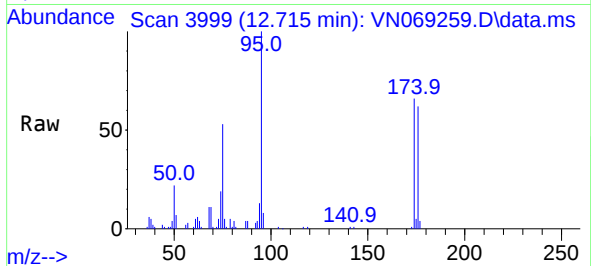




#71
Bromoform
Concen: 2.891 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

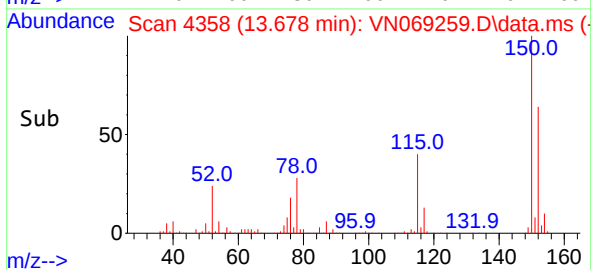
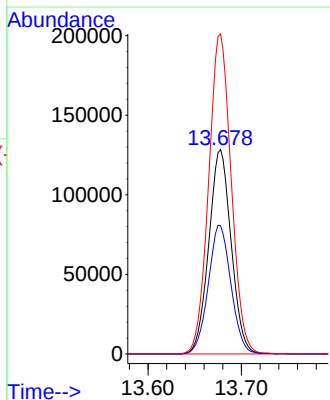
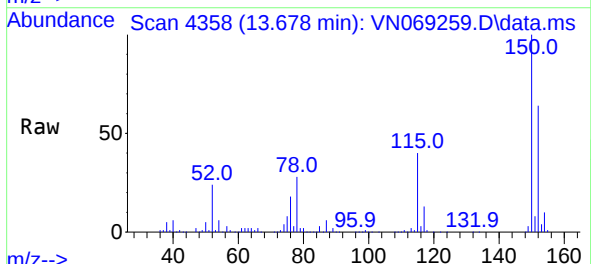
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

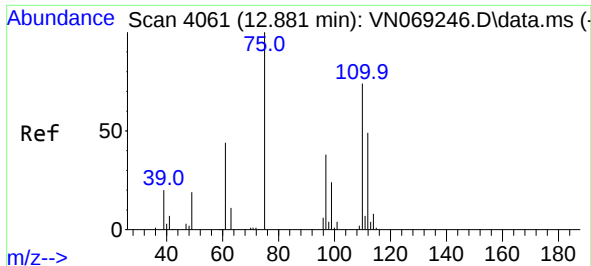
Tgt Ion:173 Resp: 59
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion:152 Resp: 214160
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 157.6 0.0 351.0

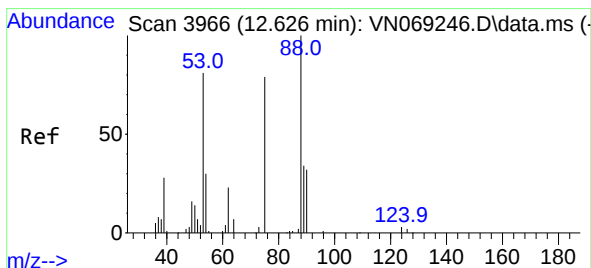
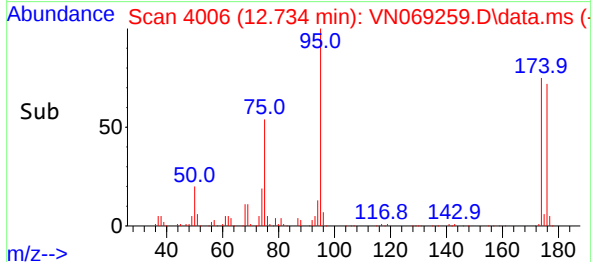
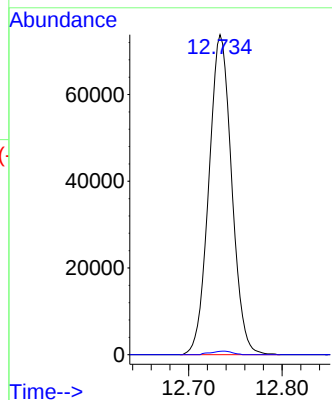
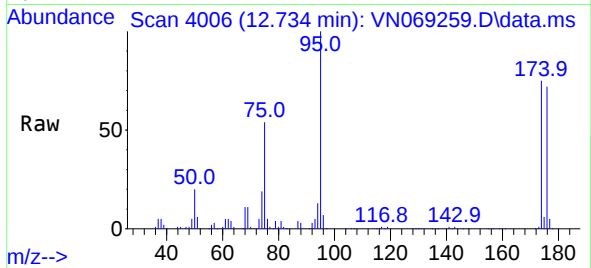




#76
1,2,3-Trichloropropane
Concen: 22.220 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

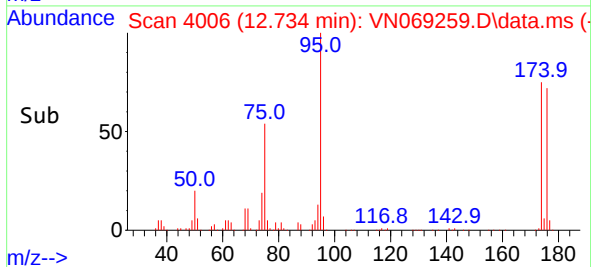
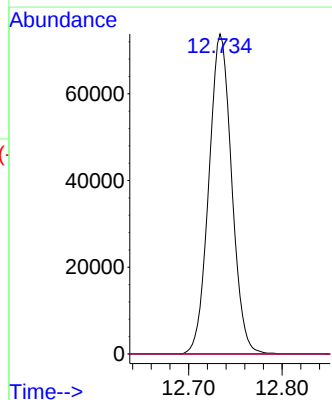
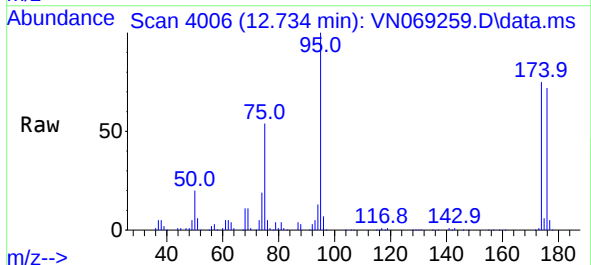
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

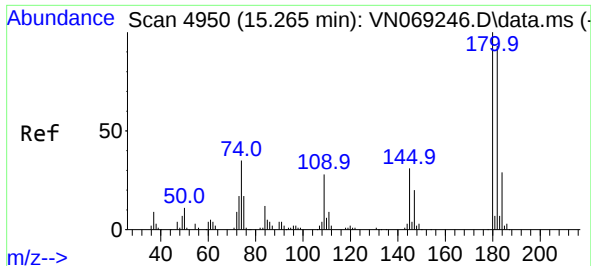
Tgt Ion: 75 Resp: 125157
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.113 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 75 Resp: 125157
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

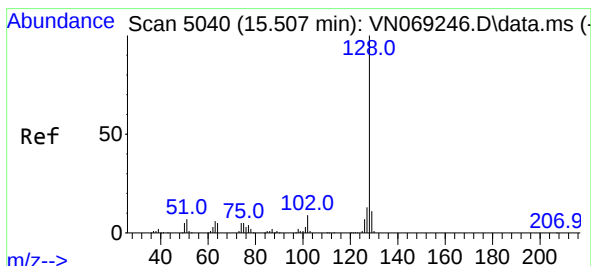
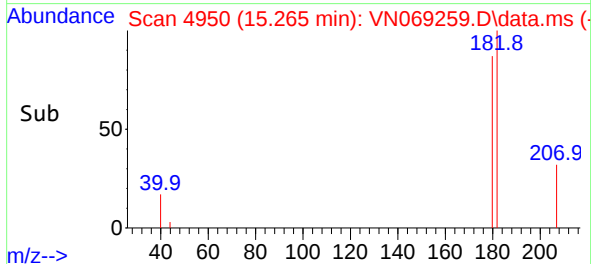
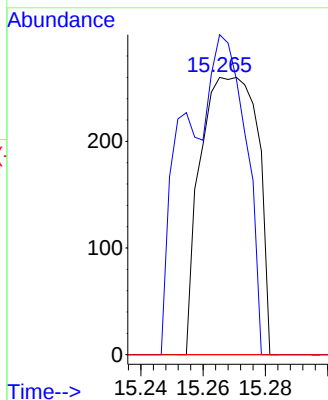
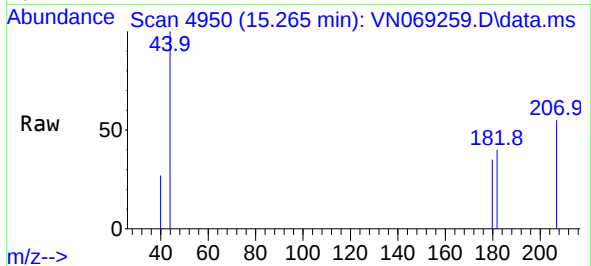




#93
1,2,4-Trichlorobenzene
Concen: 2.578 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

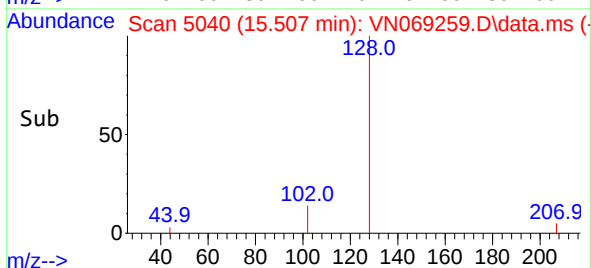
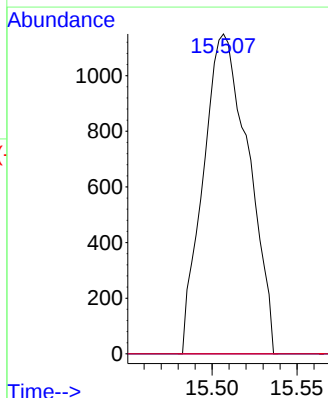
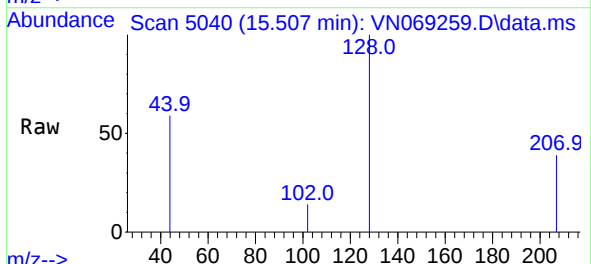
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

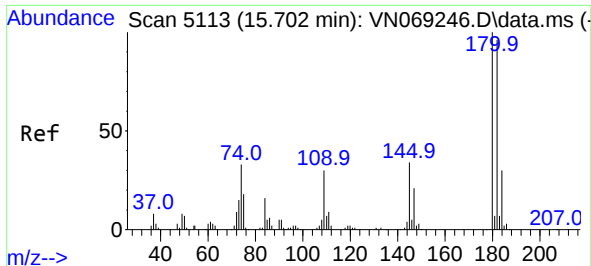
Tgt Ion:180 Resp: 331
Ion Ratio Lower Upper
180 100
182 72.2 47.9 143.7
145 0.0 16.4 49.2#



#95
Naphthalene
Concen: 3.494 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

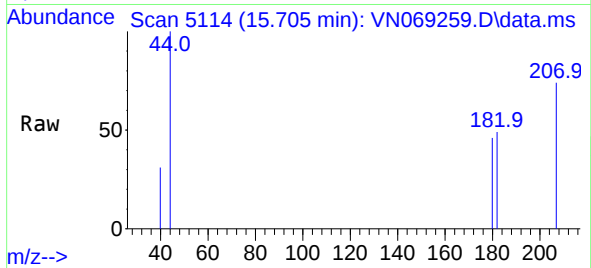
Tgt Ion:128 Resp: 2130
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.261 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN069259.D
 Acq: 28 Oct 2021 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-102521



Tgt Ion:180 Resp: 194
 Ion Ratio Lower Upper
 180 100
 182 169.6 48.1 144.3#
 145 0.0 17.4 52.2#

