

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069318.D
 Acq On : 1 Nov 2021 13:57
 Operator : JC/MD
 Sample : VN1101WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 17:36:54 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)

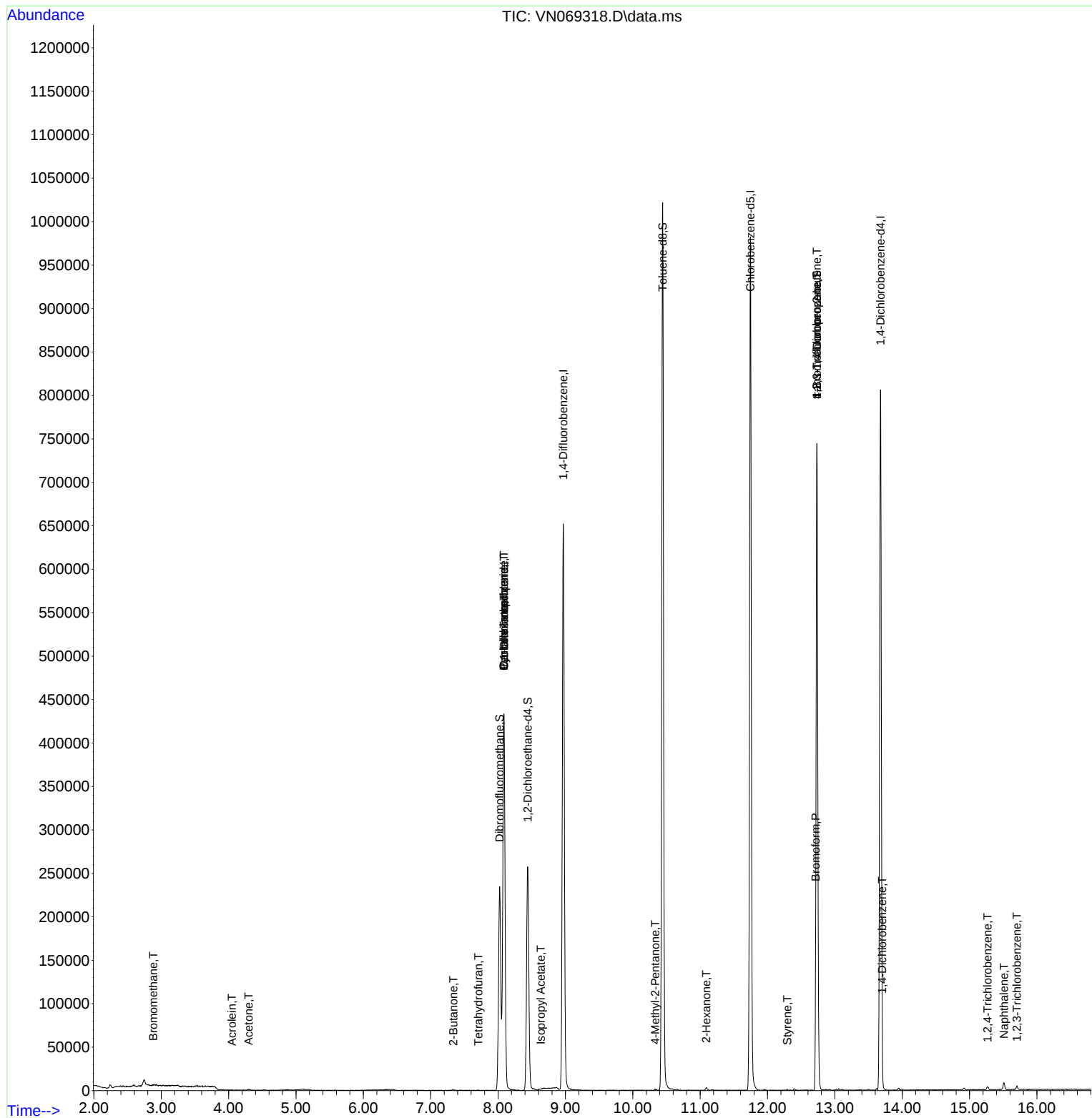
Internal Standards						
1) Pentafluorobenzene	8.088	168	324875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	582948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	570696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	218216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225414	48.066	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.140%		
35) Dibromofluoromethane	8.024	113	167927	46.211	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.420%		
50) Toluene-d8	10.443	98	725358	49.923	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.734	95	269061	49.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	470	Below Cal	#	42
5) Bromomethane	2.880	94	822	0.301	ug/l	100
13) Acrolein	4.047	56	57	0.276	ug/l #	68
16) Acetone	4.296	43	1775	0.888	ug/l	93
25) 2-Butanone	7.335	43	133	1.677	ug/l #	48
29) Tetrahydrofuran	7.708	42	181	3.028	ug/l #	33
31) Cyclohexane	8.088	56	7550	1.203	ug/l #	15
36) 1,1-Dichloropropene	8.086	75	26985	5.369	ug/l #	49
38) Carbon Tetrachloride	8.086	117	35140	7.033	ug/l #	16
43) Isopropyl Acetate	8.633	43	822	0.540	ug/l #	55
51) 4-Methyl-2-Pentanone	10.333	43	1296	6.597	ug/l #	36
59) 2-Hexanone	11.090	43	2735	8.533	ug/l	94
70) Styrene	12.296	104	386	1.483	ug/l #	29
71) Bromoform	12.715	173	162	2.916	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	143711	25.040	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	143711	71.712	ug/l #	12
88) 1,4-Dichlorobenzene	13.704	146	1170	0.234	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.268	180	1487	2.886	ug/l	64
95) Naphthalene	15.509	128	8500	4.036	ug/l	97
96) 1,2,3-Trichlorobenzene	15.703	180	2016	2.763	ug/l	84

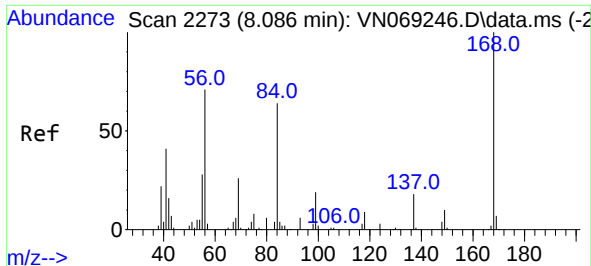
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 01 17:36:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
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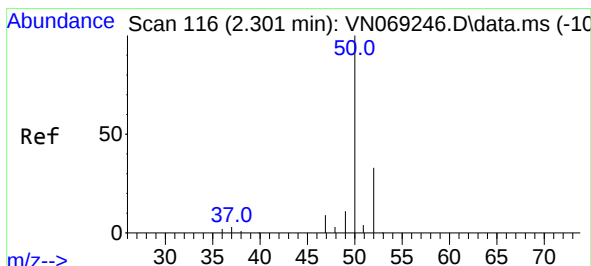
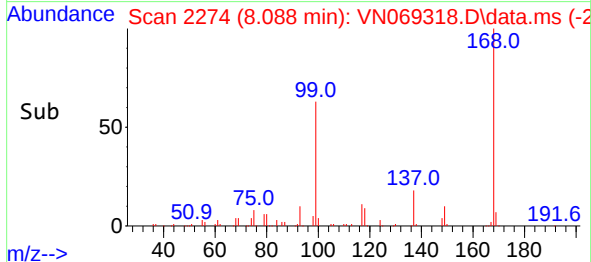
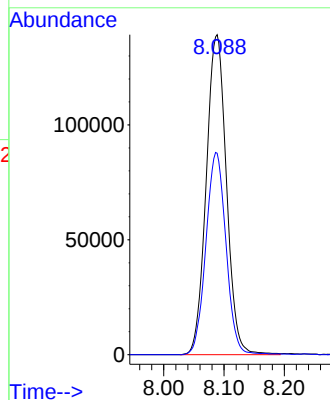
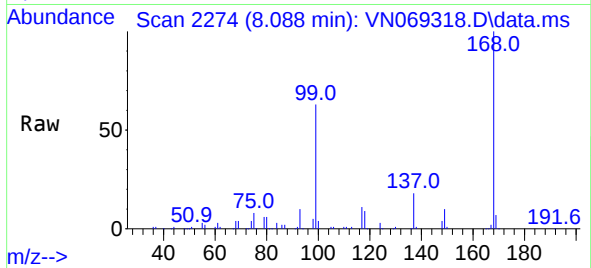




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

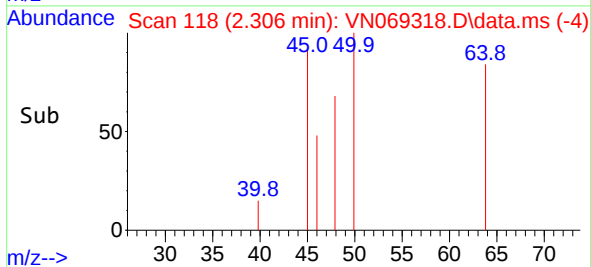
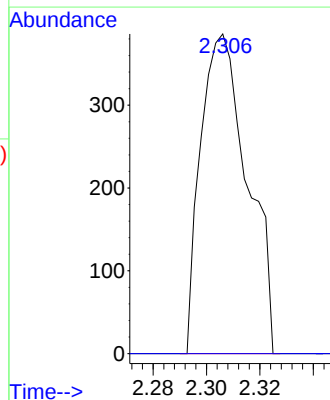
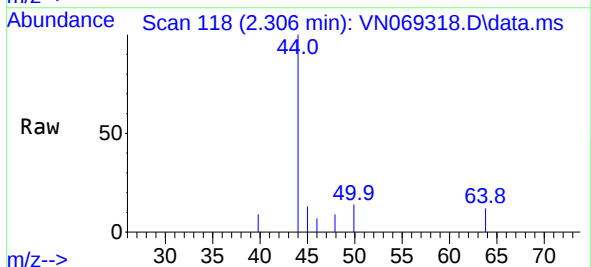
Instrument :
MSVOA_N
ClientSampleId :

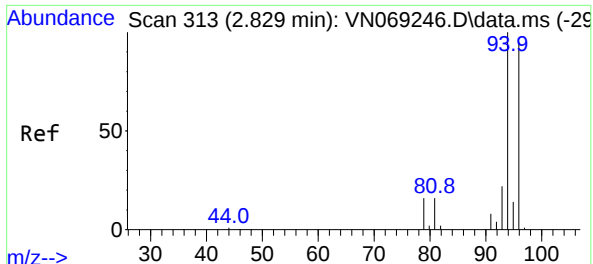
Tgt Ion:168 Resp: 324875
Ion Ratio Lower Upper
168 100
99 62.9 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

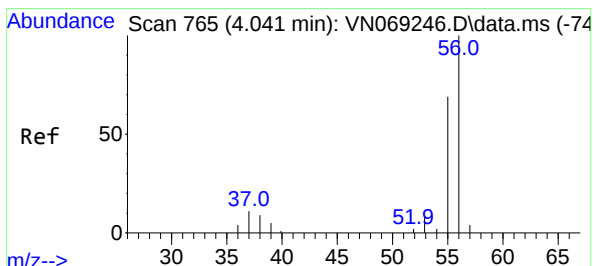
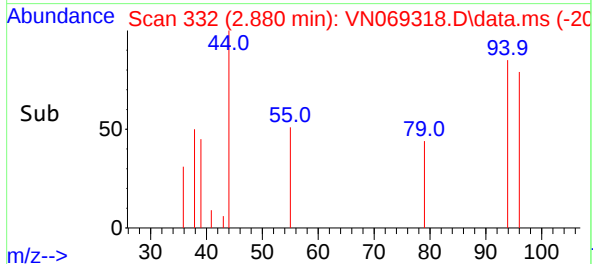
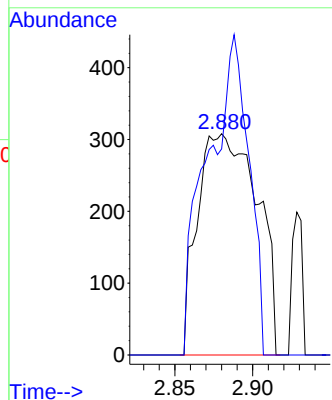
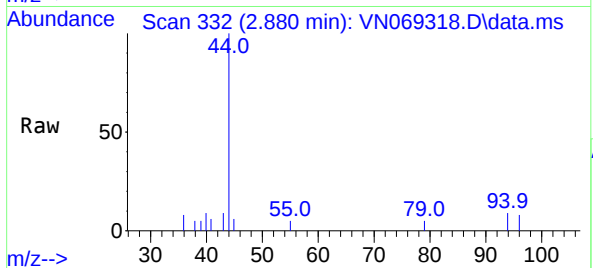




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.880 min Scan# 313
Delta R.T. 0.051 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

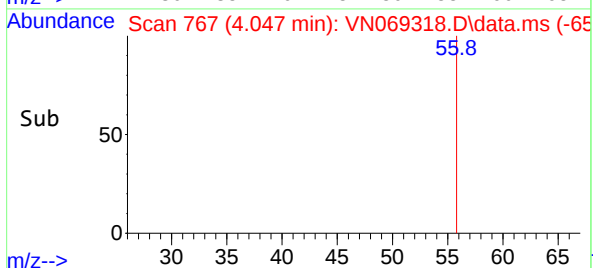
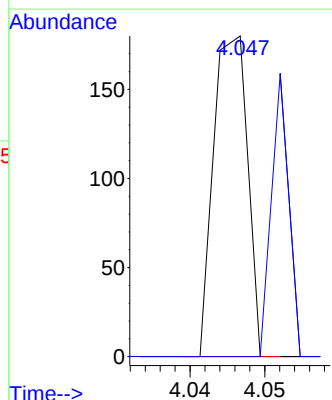
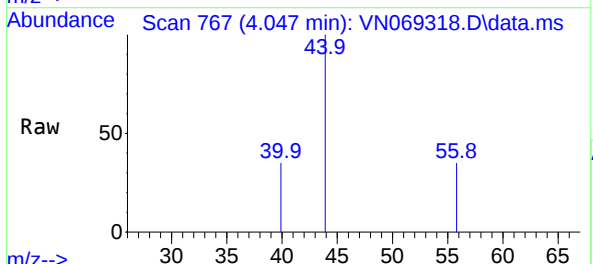
Instrument :
MSVOA_N
ClientSampleId :

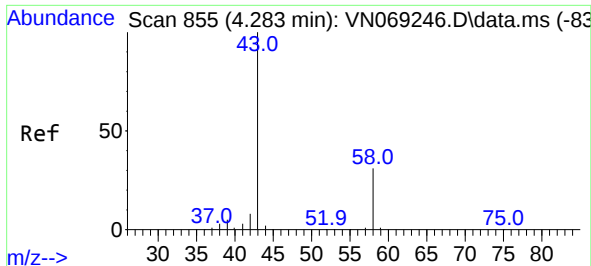
Tgt Ion: 94 Resp: 822
Ion Ratio Lower Upper
94 100
96 93.2 74.2 111.4



#13
Acrolein
Concen: 0.276 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 45.6 58.1 87.1#

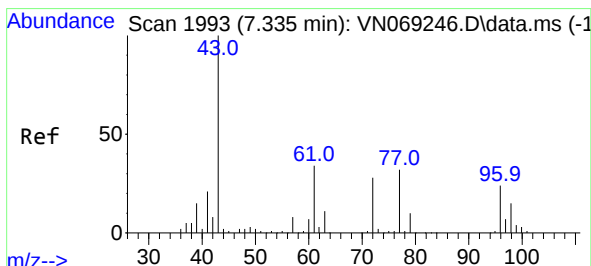
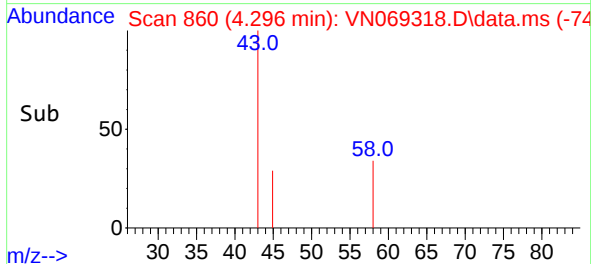
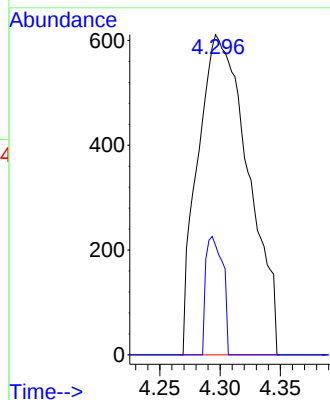
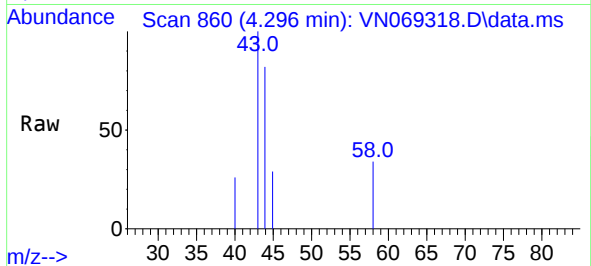




#16
Acetone
Concen: 0.888 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.013 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

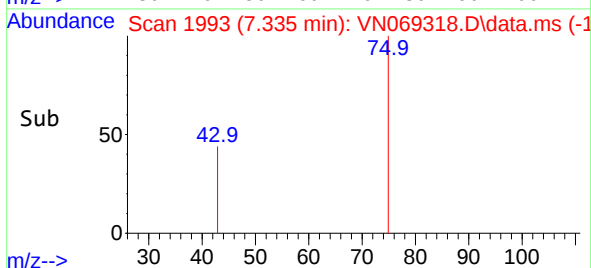
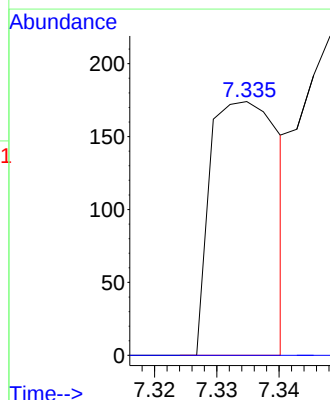
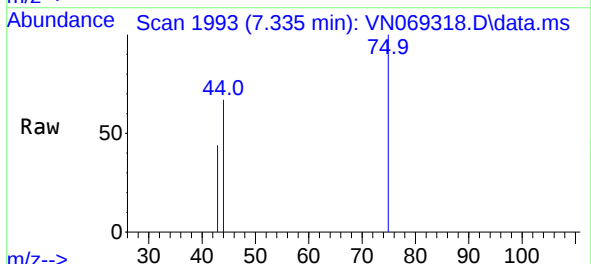
Instrument :
MSVOA_N
ClientSampleId :

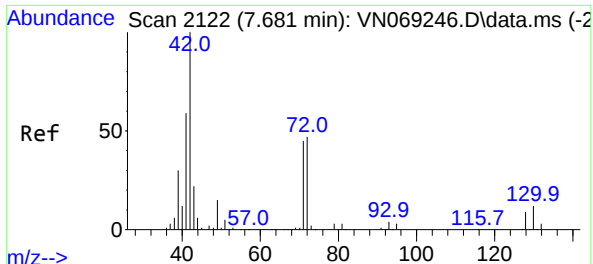
Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
58 34.2 24.5 36.7



#25
2-Butanone
Concen: 1.677 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#





#29

Tetrahydrofuran

Concen: 3.028 ug/l

RT: 7.708 min Scan# 21

Delta R.T. 0.027 min

Lab File: VN069318.D

Acq: 1 Nov 2021 13:57

Instrument :

MSVOA_N

ClientSampleId :

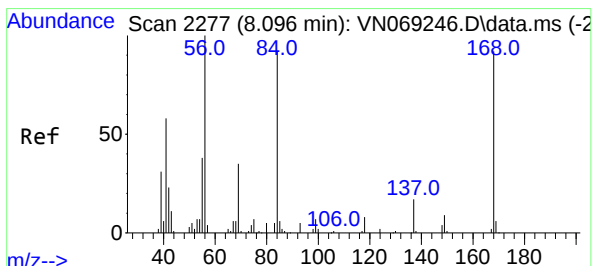
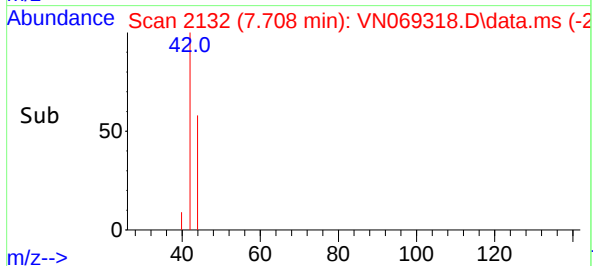
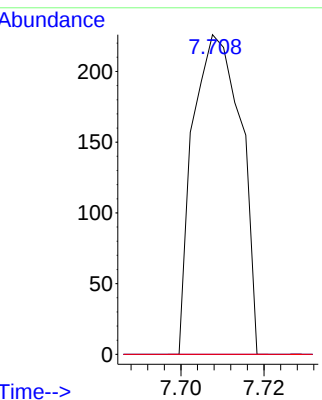
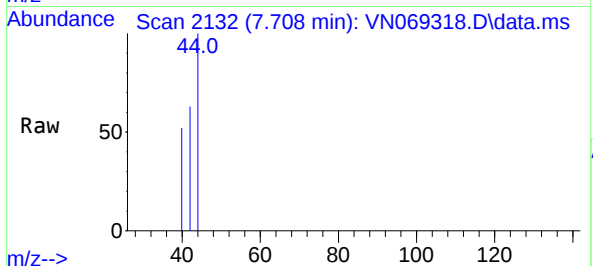
Tgt Ion: 42 Resp: 181

Ion Ratio Lower Upper

42 100

72 0.0 35.4 53.2#

71 0.0 33.8 50.6#



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.008 min

Lab File: VN069318.D

Acq: 1 Nov 2021 13:57

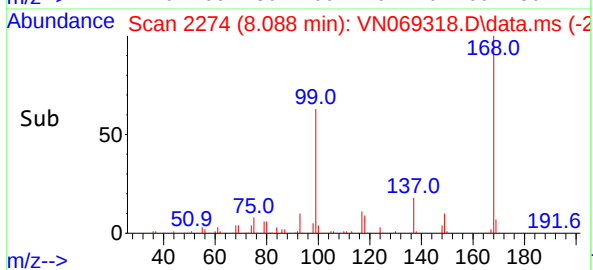
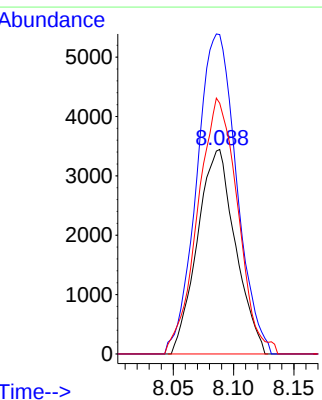
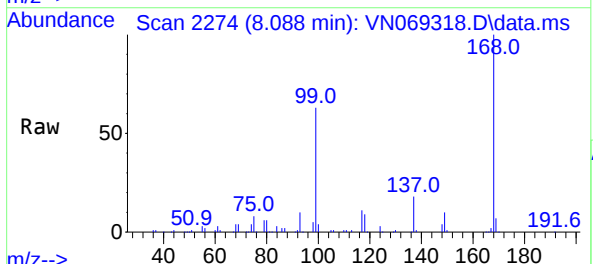
Tgt Ion: 56 Resp: 7550

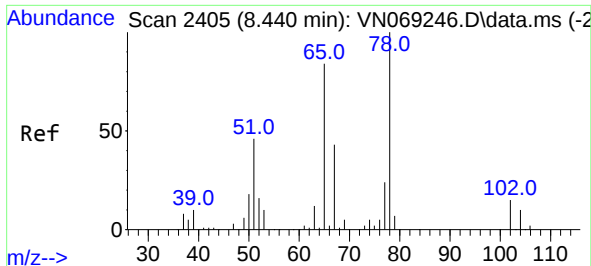
Ion Ratio Lower Upper

56 100

69 150.9 26.9 40.3#

84 118.0 67.6 101.4#

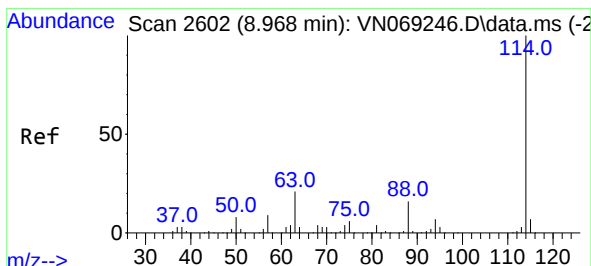
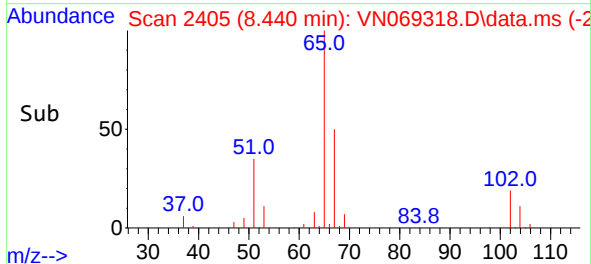
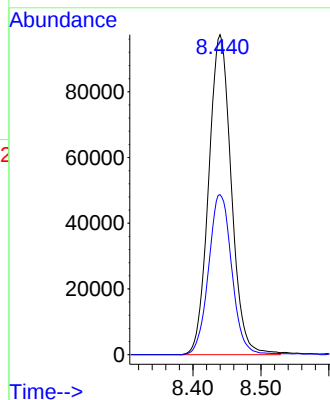
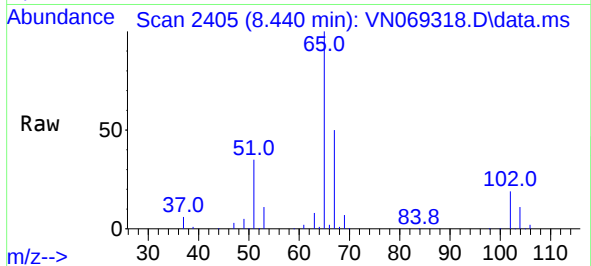




#33
1,2-Dichloroethane-d4
Concen: 48.066 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

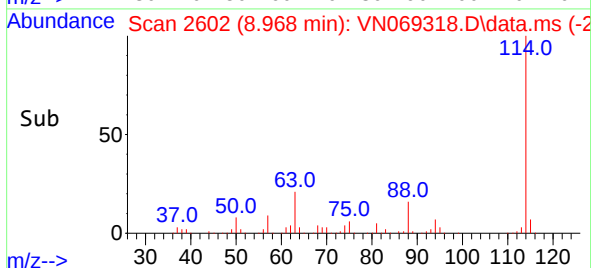
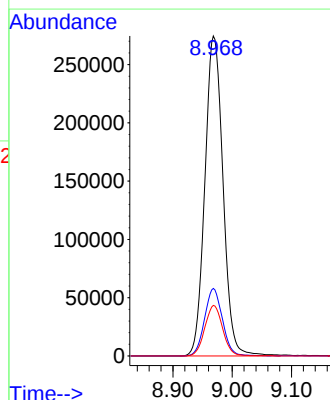
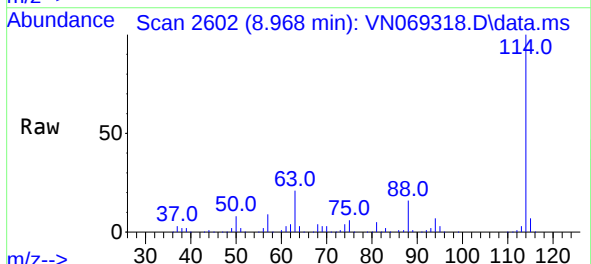
Instrument :
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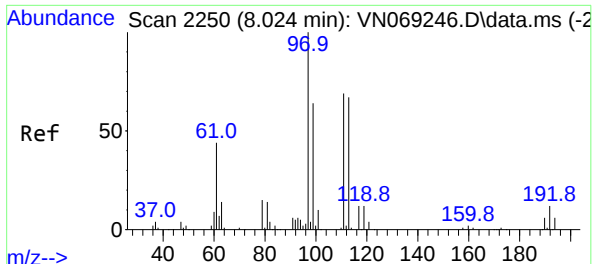
Tgt Ion: 65 Resp: 225414
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

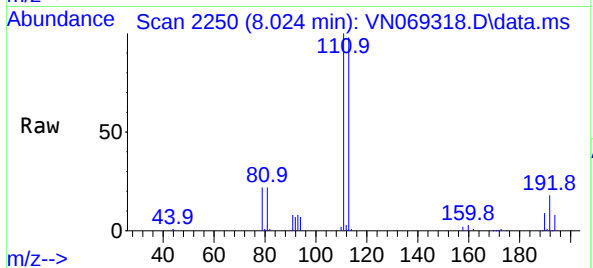
Tgt Ion: 114 Resp: 582948
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 15.8 0.0 32.0



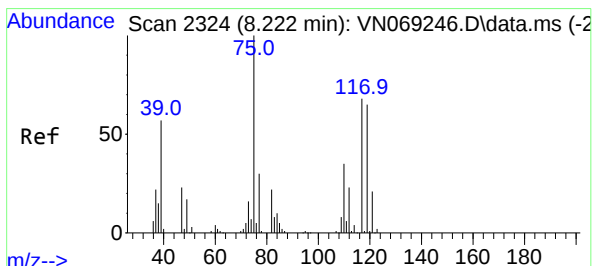
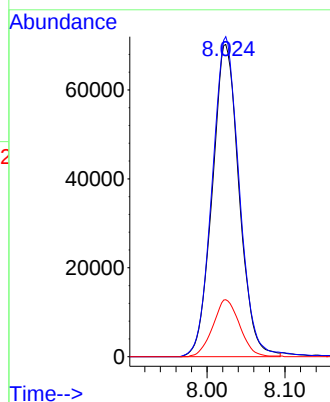
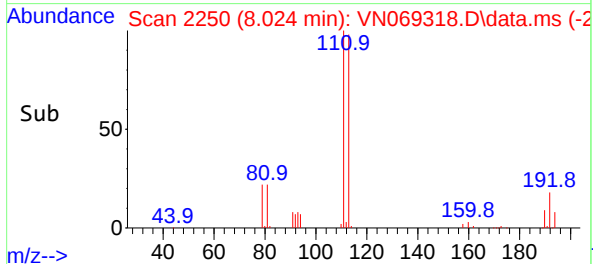


#35
Dibromofluoromethane
Concen: 46.211 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Instrument :
MSVOA_N
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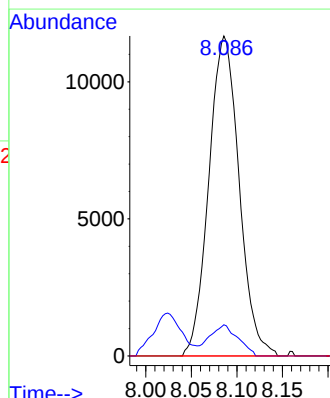
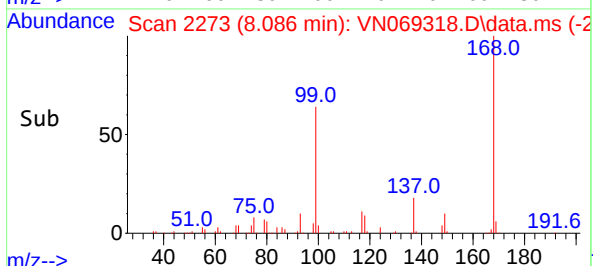
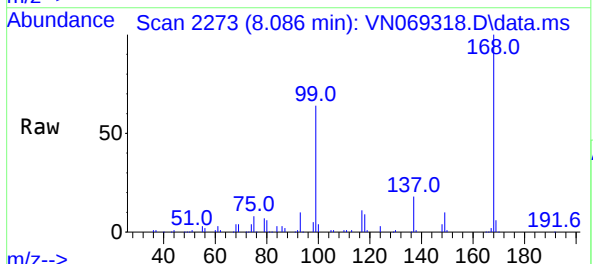


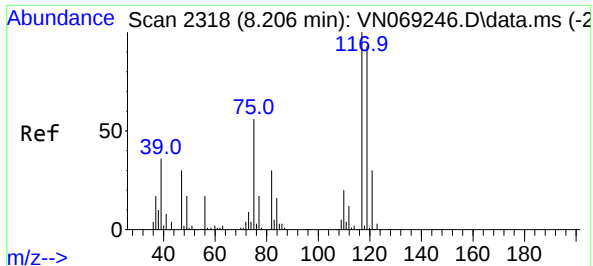
Tgt Ion:113 Resp: 167927
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 18.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

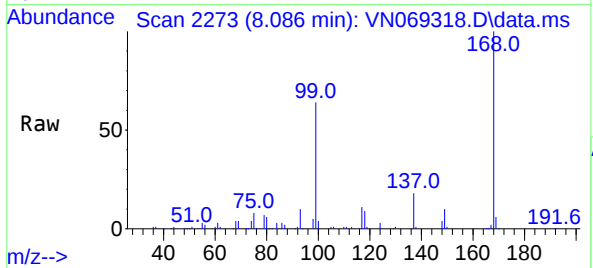
Tgt Ion: 75 Resp: 26985
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



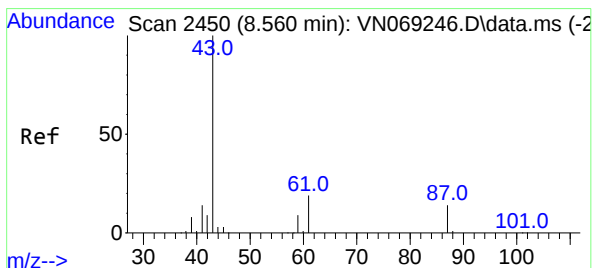
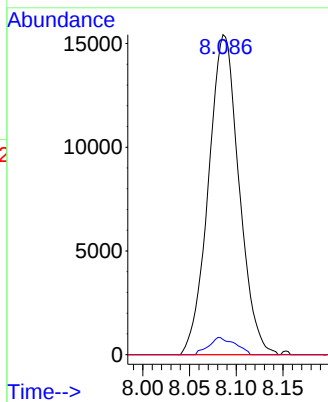
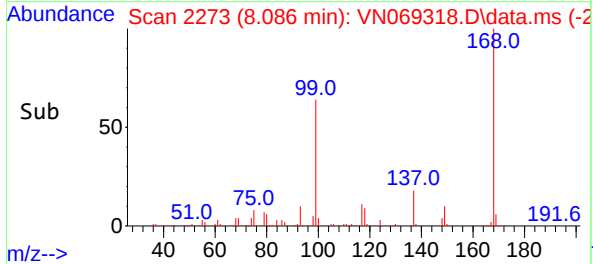


#38
Carbon Tetrachloride
Concen: 7.033 ug/l
RT: 8.086 min Scan# 2117
Delta R.T. -0.120 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Instrument :
MSVOA_N
ClientSampleId :

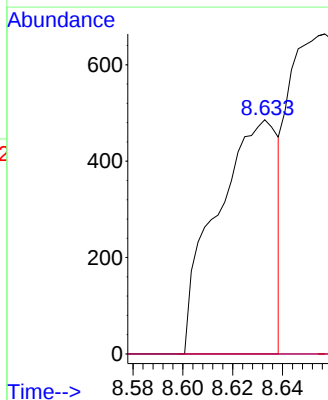
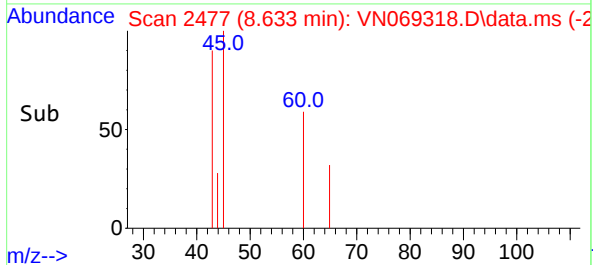
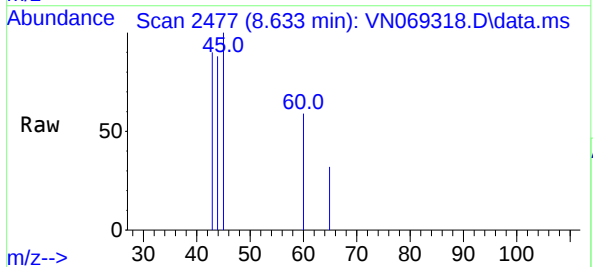


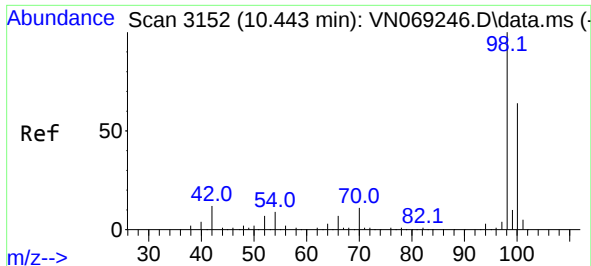
Tgt Ion:117 Resp: 35140
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.540 ug/l
RT: 8.633 min Scan# 2477
Delta R.T. 0.073 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

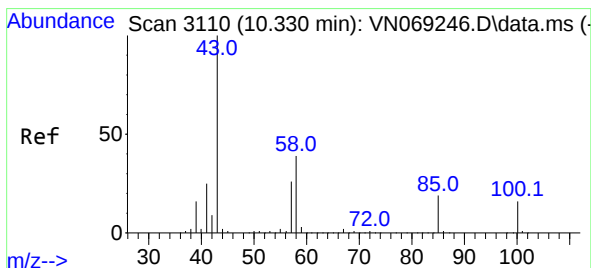
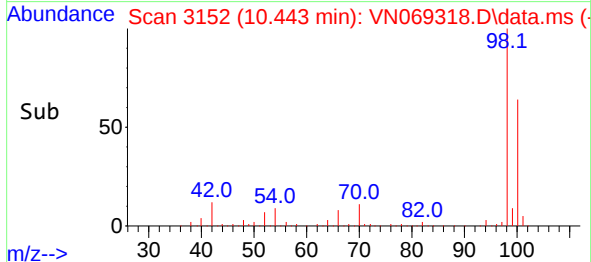
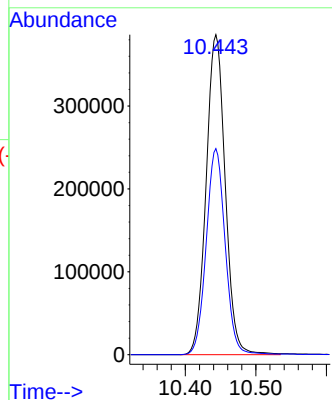
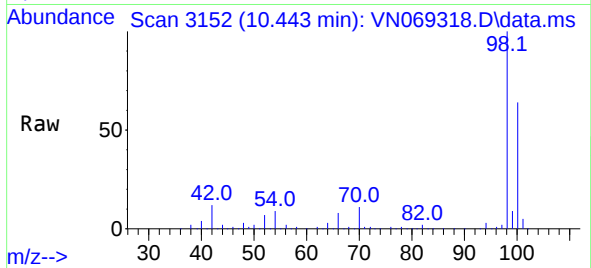




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

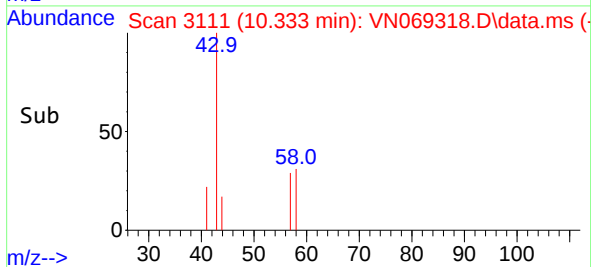
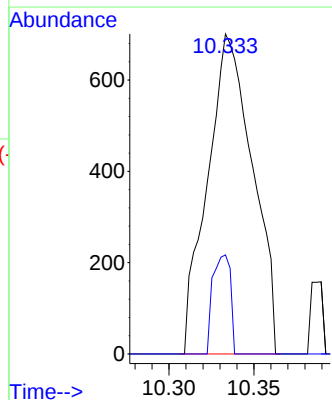
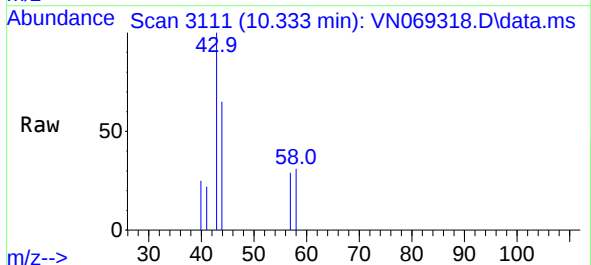
Instrument :
MSVOA_N
ClientSampleId :

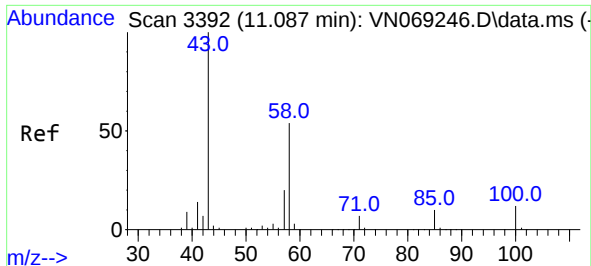
Tgt Ion: 98 Resp: 725358
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.597 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

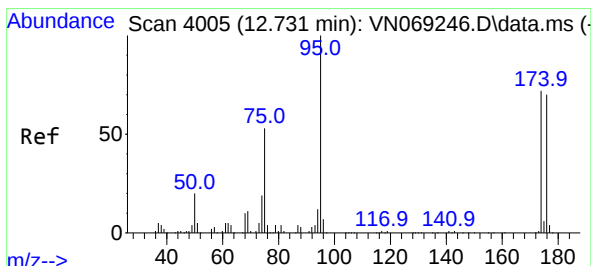
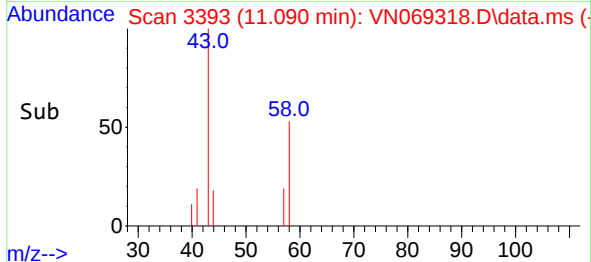
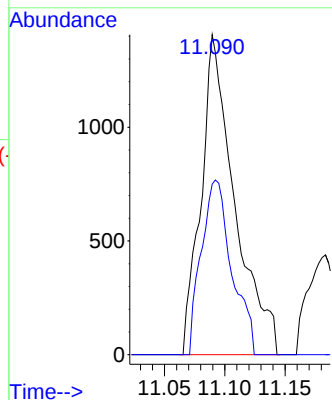
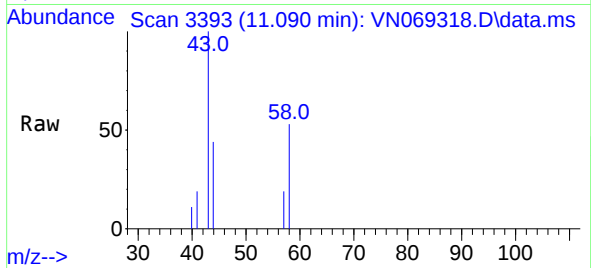




#59
2-Hexanone
Concen: 8.533 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

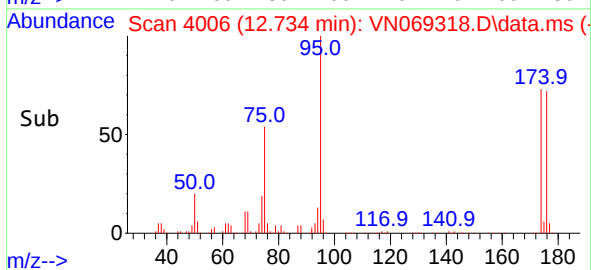
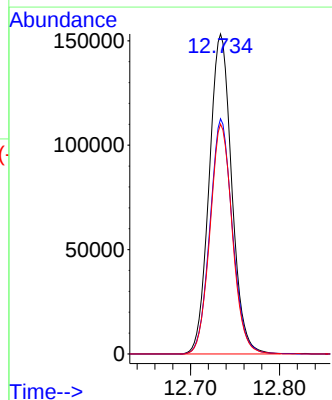
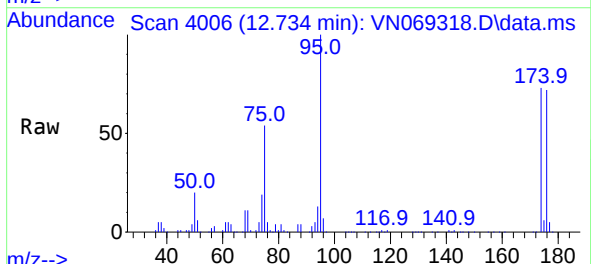
Instrument :
MSVOA_N
ClientSampleId :

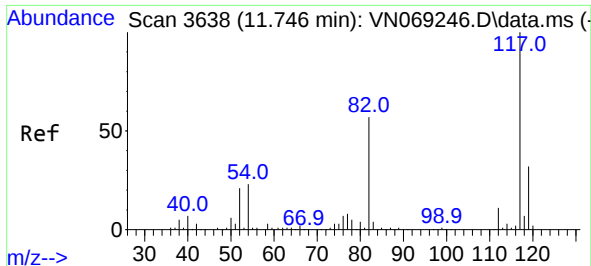
Tgt Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 49.074 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion: 95 Resp: 269061
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.8
176 71.1 0.0 140.0

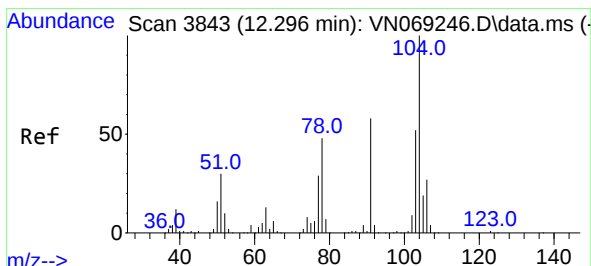
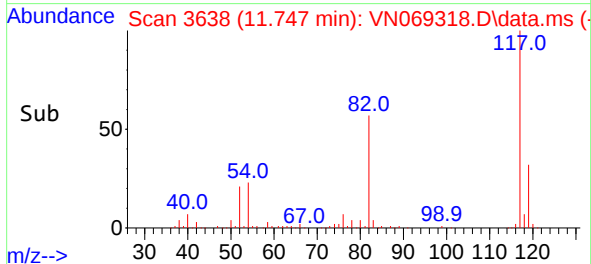
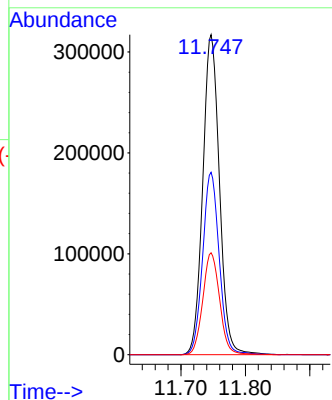
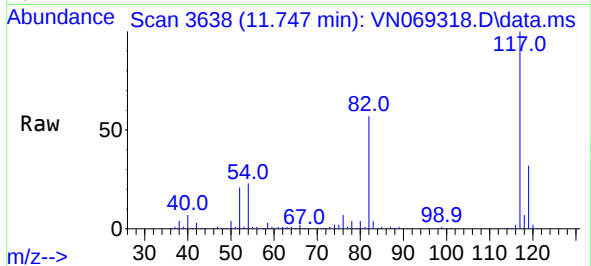




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

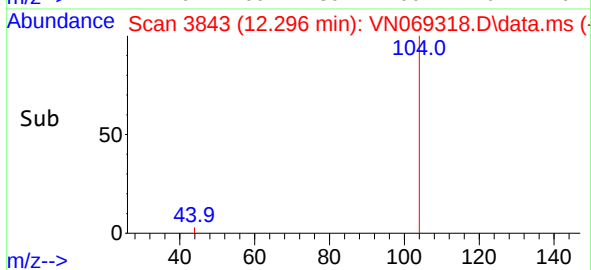
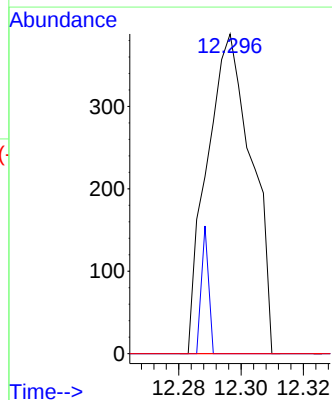
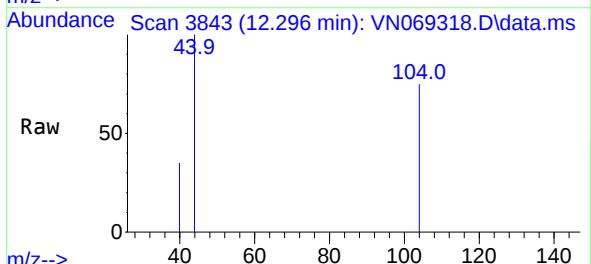
Instrument :
MSVOA_N
ClientSampleId :

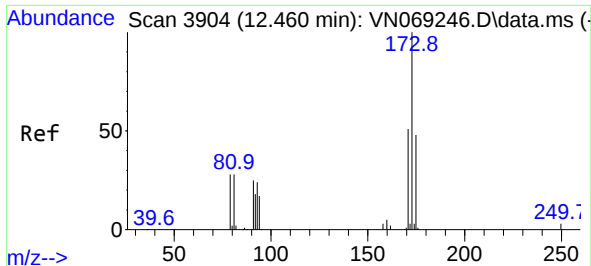
Tgt Ion:117 Resp: 570696
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 31.8 26.0 39.0



#70
Styrene
Concen: 1.483 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion:104 Resp: 386
Ion Ratio Lower Upper
104 100
78 6.5 42.2 63.4#
103 0.0 44.4 66.6#

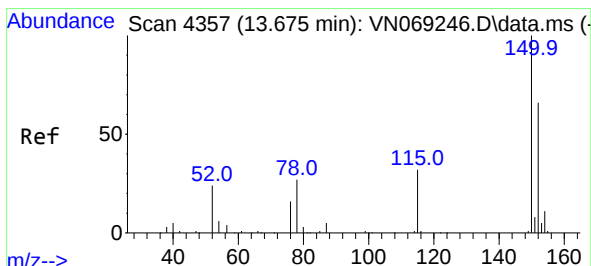
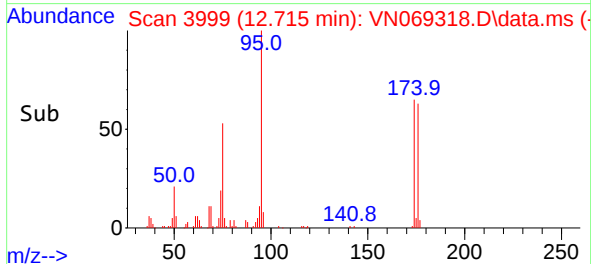
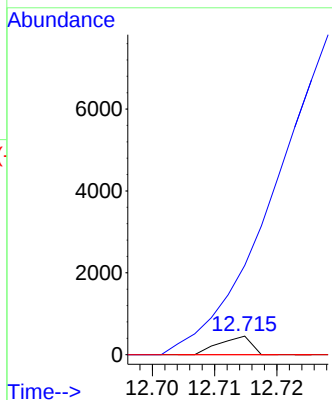
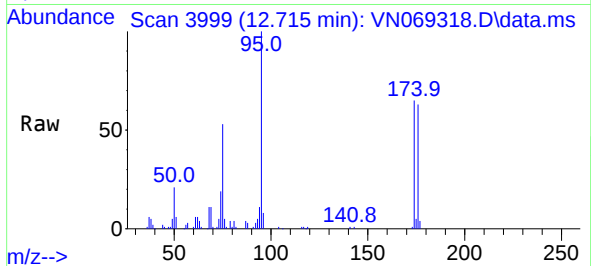




#71
Bromoform
Concen: 2.916 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

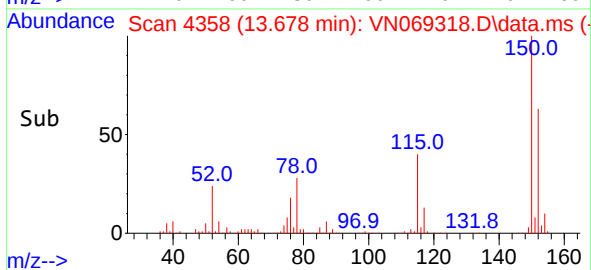
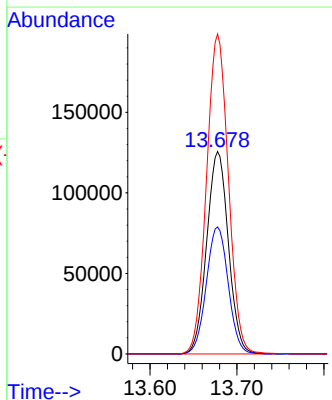
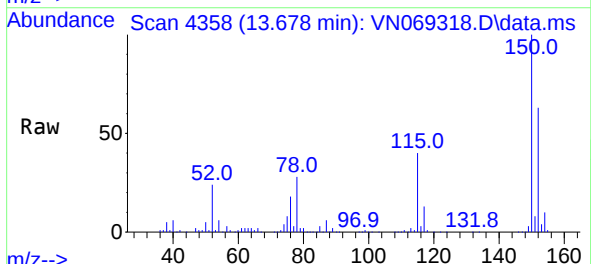
Instrument :
MSVOA_N
ClientSampleId :

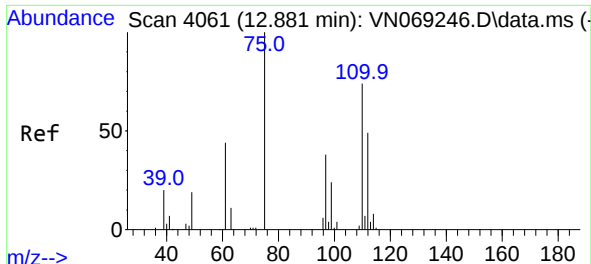
Tgt Ion:173 Resp: 162
Ion Ratio Lower Upper
173 100
175 8625.3 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

Tgt Ion:152 Resp: 218216
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.9 0.0 351.0

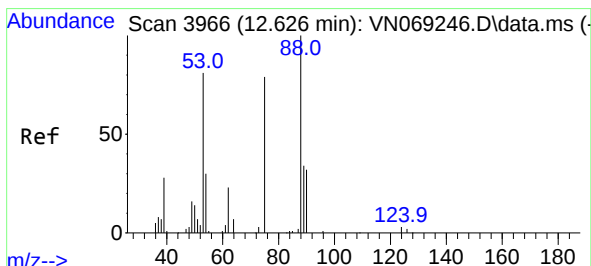
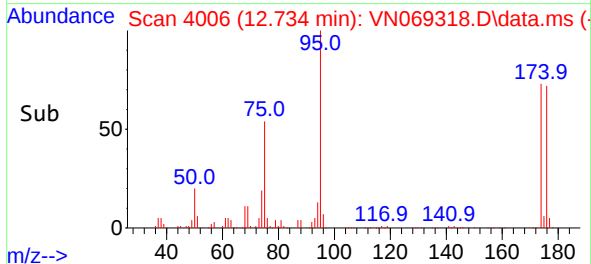
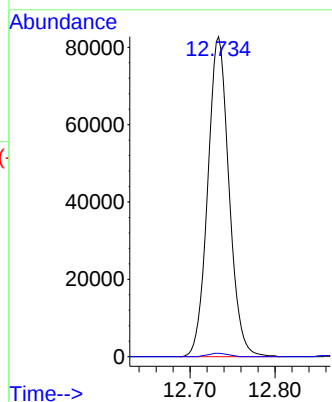
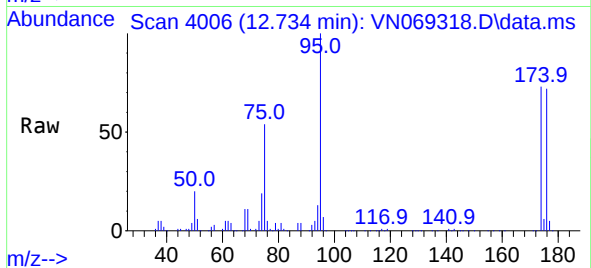




#76
1,2,3-Trichloropropane
Concen: 25.040 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

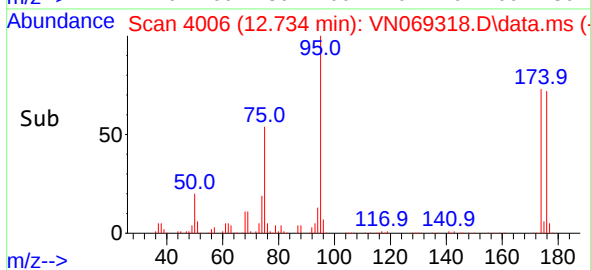
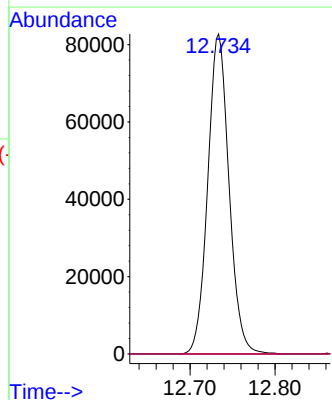
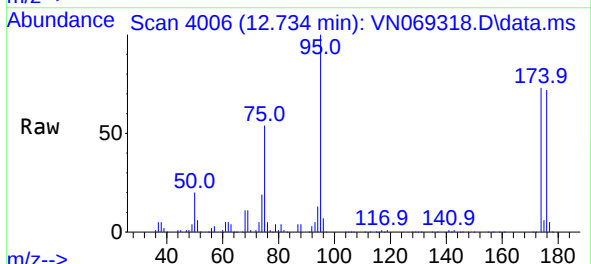
Instrument :
MSVOA_N
ClientSampleId :

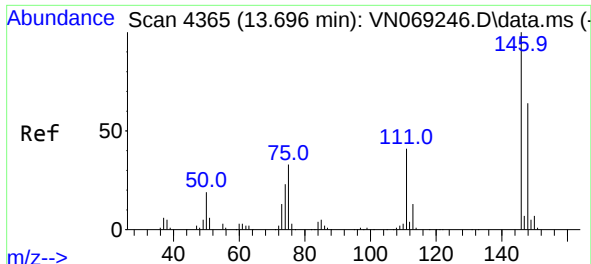
Tgt Ion: 75 Resp: 143711
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.712 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

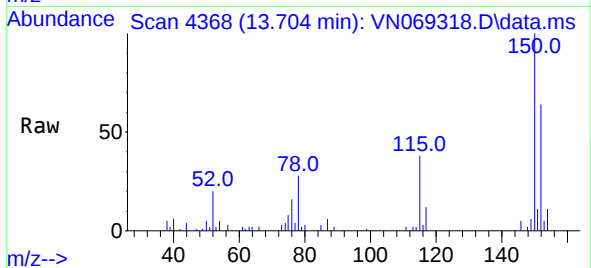
Tgt Ion: 75 Resp: 143711
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



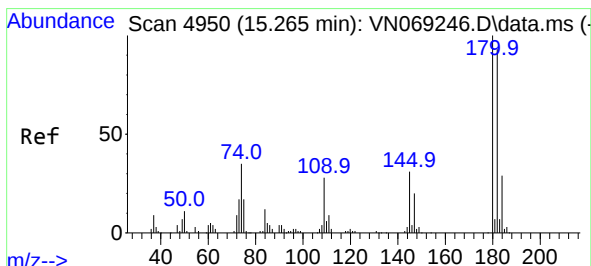
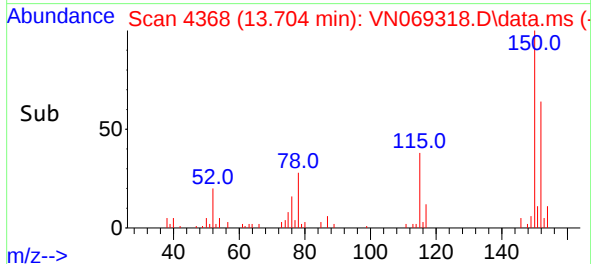
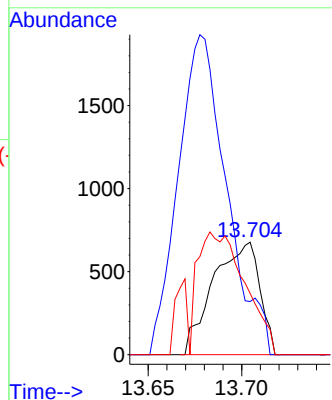


#88
 1,4-Dichlorobenzene
 Concen: 0.234 ug/l
 RT: 13.704 min Scan# 41
 Delta R.T. 0.008 min
 Lab File: VN069318.D
 Acq: 1 Nov 2021 13:57

Instrument :
 MSVOA_N
 ClientSampleId :

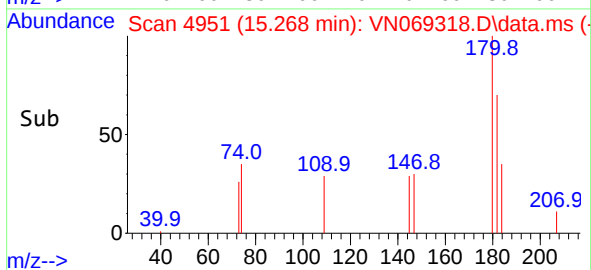
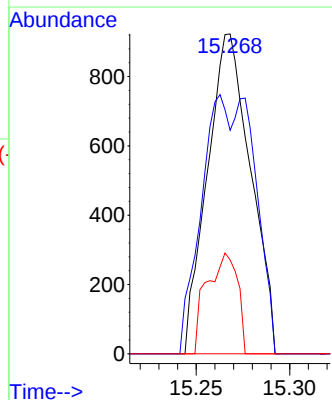
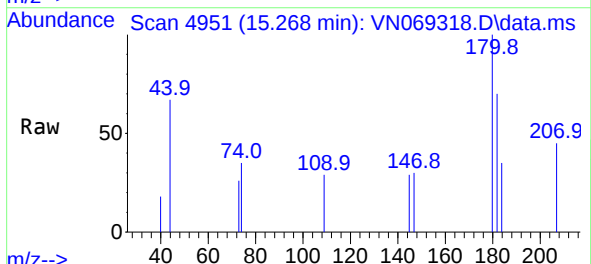


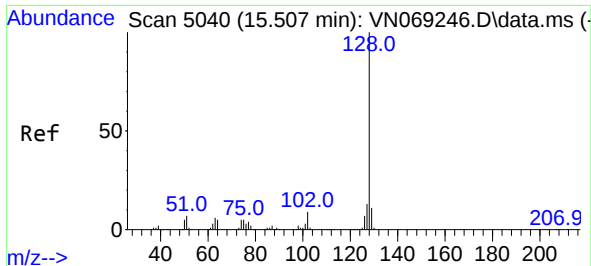
Tgt Ion:146 Resp: 1170
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.6 61.8#
 148 0.0 32.1 96.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.886 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN069318.D
 Acq: 1 Nov 2021 13:57

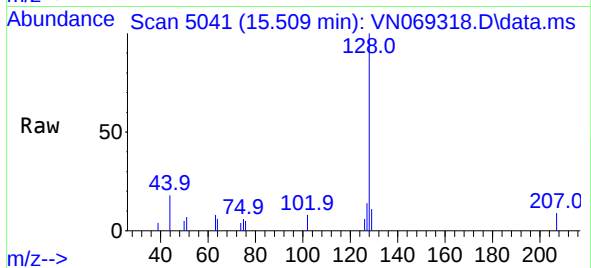
Tgt Ion:180 Resp: 1487
 Ion Ratio Lower Upper
 180 100
 182 54.6 47.9 143.7
 145 22.2 16.4 49.2



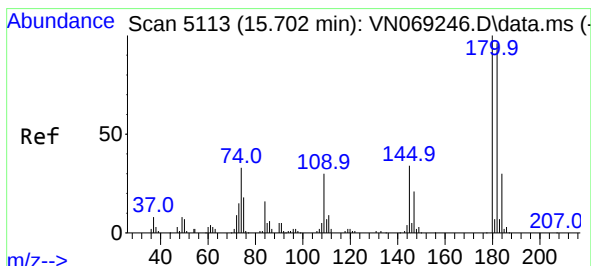
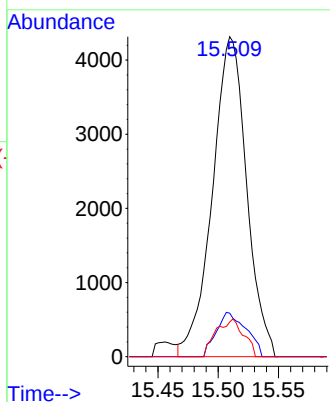
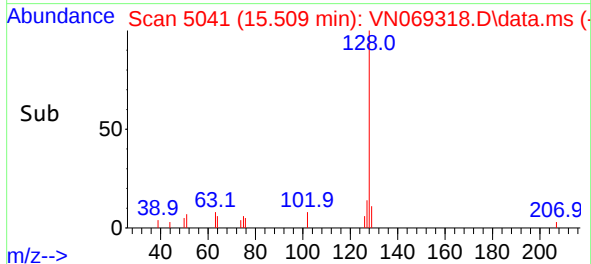


#95
Naphthalene
Concen: 4.036 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57

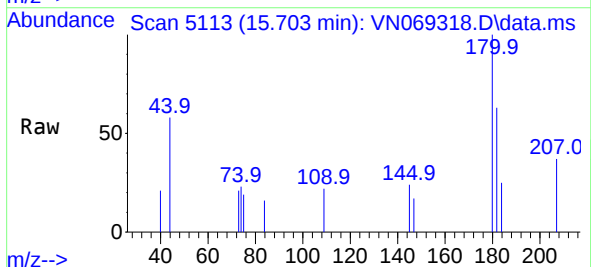
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8500
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 9.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.763 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN069318.D
Acq: 1 Nov 2021 13:57



Tgt Ion:180 Resp: 2016
Ion Ratio Lower Upper
180 100
182 83.6 48.1 144.3
145 20.2 17.4 52.2

