

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067418.D
 Acq On : 21 Jun 2021 15:49
 Operator : JC/MD
 Sample : M2795-11RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Jun 22 03:11:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

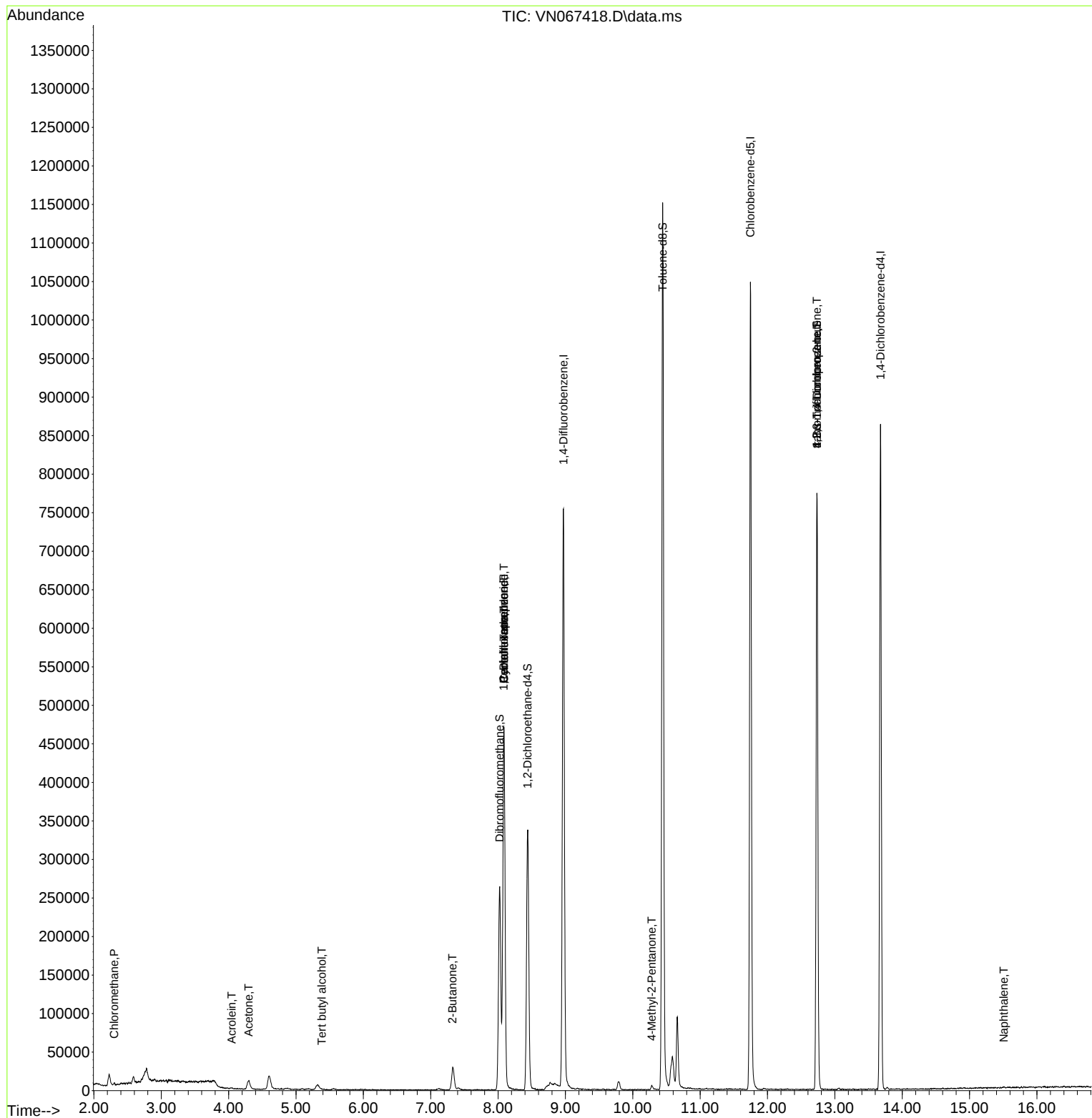
Internal Standards						
1) Pentafluorobenzene	8.088	168	294979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	607878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	548836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	194658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	294613	50.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.26%		
35) Dibromofluoromethane	8.024	113	187718	46.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.86%		
50) Toluene-d8	10.443	98	796616	51.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.82%		
62) 4-Bromofluorobenzene	12.733	95	286047	44.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.46%		
Target Compounds						Qvalue
3) Chloromethane	2.301	50	3203	0.72	ug/l	95
11) Tert butyl alcohol	5.382	59	414	0.43	ug/l #	71
13) Acrolein	4.044	56	557	0.93	ug/l	90
16) Acetone	4.296	43	21295	9.54	ug/l	99
25) 2-Butanone	7.324	43	1306	0.41	ug/l #	51
31) Cyclohexane	8.088	56	10586	1.34	ug/l #	13
36) 1,1-Dichloropropene	8.083	75	35375	5.19	ug/l #	51
38) Carbon Tetrachloride	8.086	117	38412	5.24	ug/l #	17
51) 4-Methyl-2-Pentanone	10.279	43	3013	0.40	ug/l #	39
76) 1,2,3-Trichloropropane	12.733	75	165964	32.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	165964	81.37	ug/l #	6
95) Naphthalene	15.507	128	896	2.68	ug/l #	69

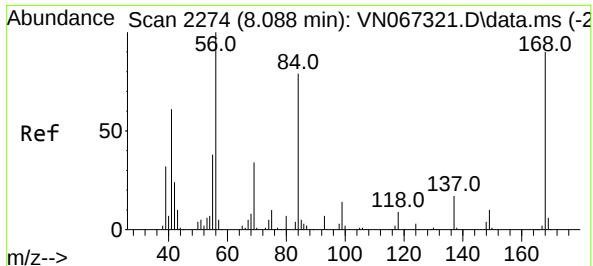
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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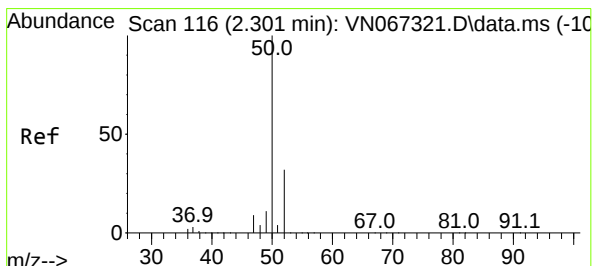
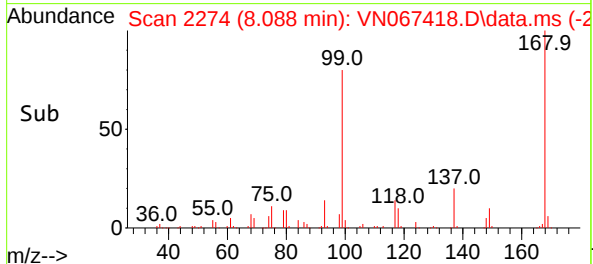
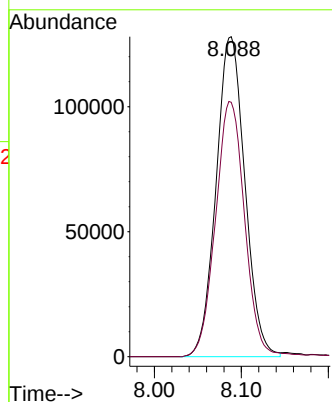
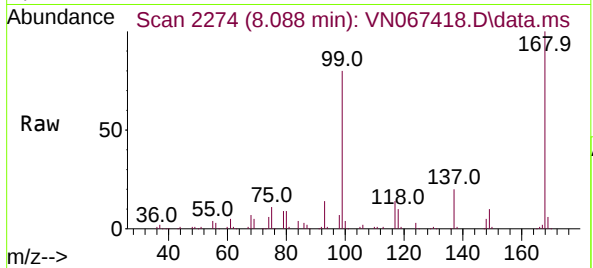




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

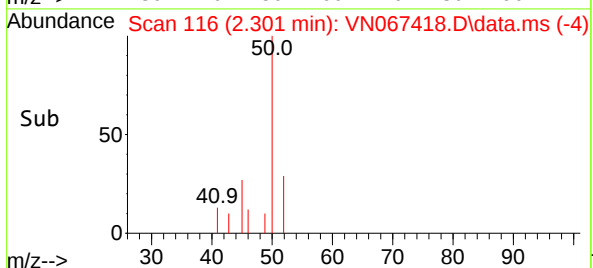
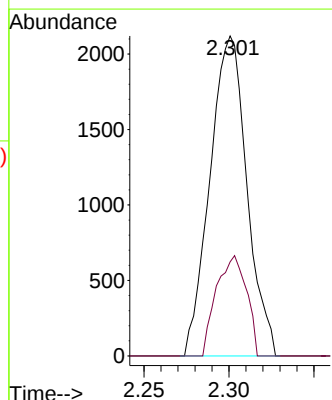
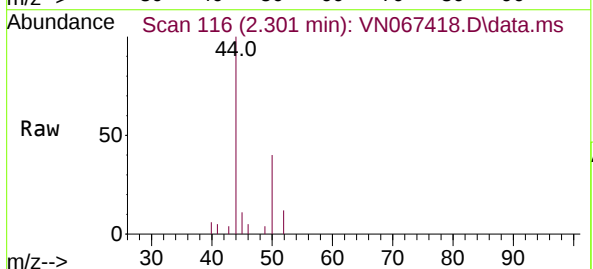
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MSVOA_N
ClientSampleId :
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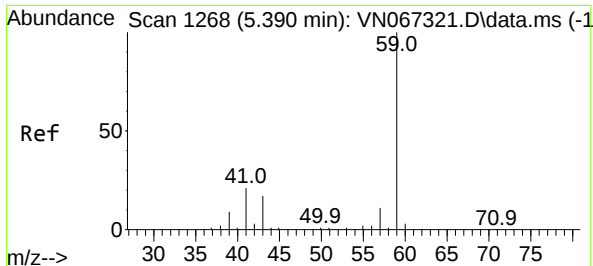
Tgt Ion:168 Resp: 294979
Ion Ratio Lower Upper
168 100
99 79.5 62.9 94.3



#3
Chloromethane
Concen: 0.72 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 50 Resp: 3203
Ion Ratio Lower Upper
50 100
52 29.4 25.6 38.4



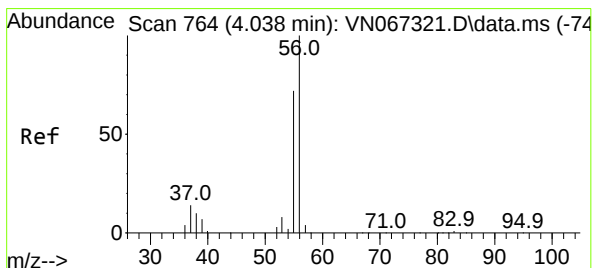
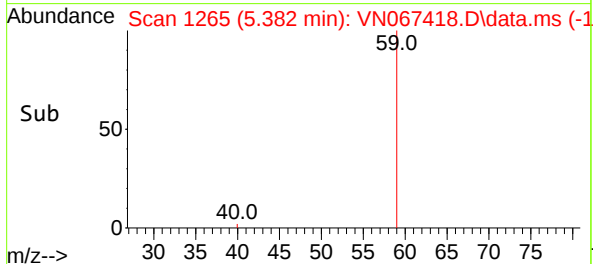
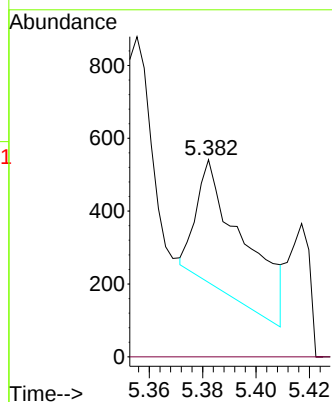
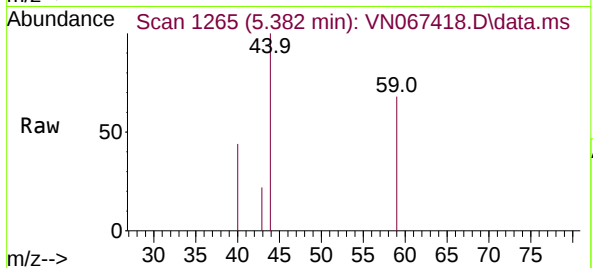


#11

Tert butyl alcohol
Concen: 0.43 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Instrument :
MSVOA_N
ClientSampled :
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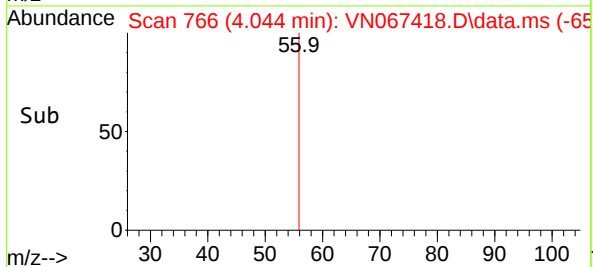
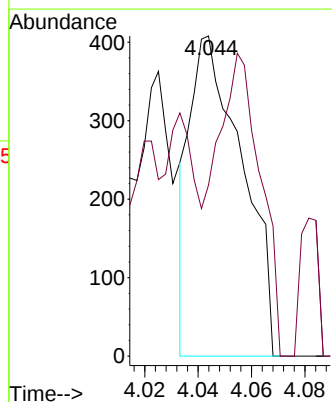
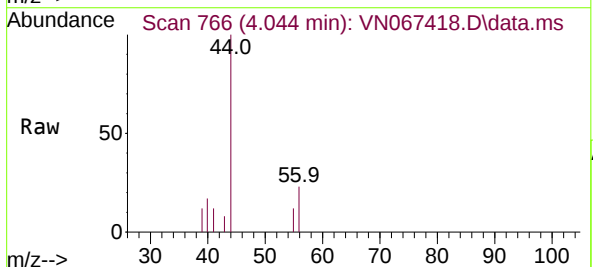
Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

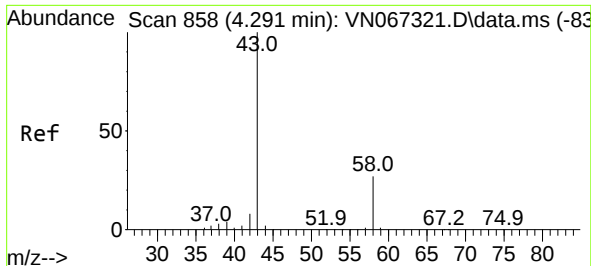


#13

Acrolein
Concen: 0.93 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 56 Resp: 557
Ion Ratio Lower Upper
56 100
55 79.9 57.4 86.0

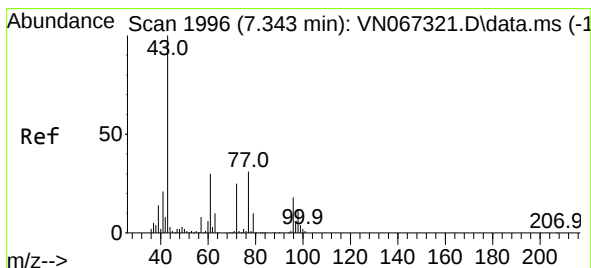
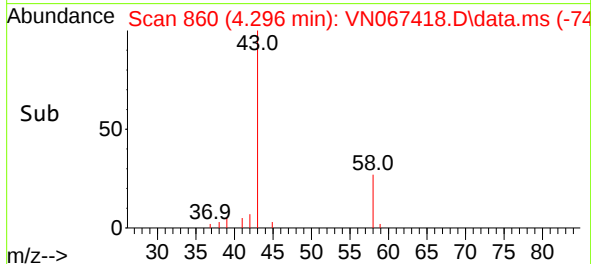
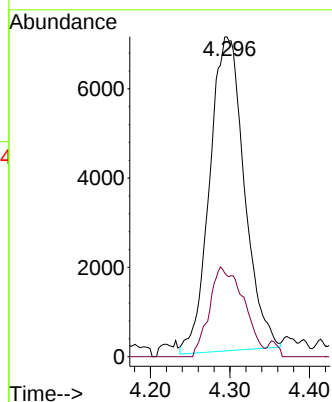
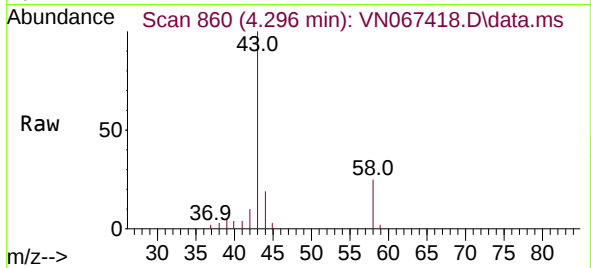




#16
Acetone
Concen: 9.54 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

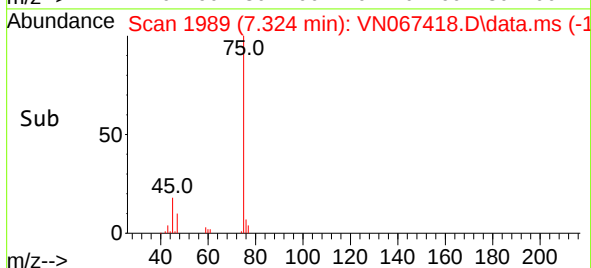
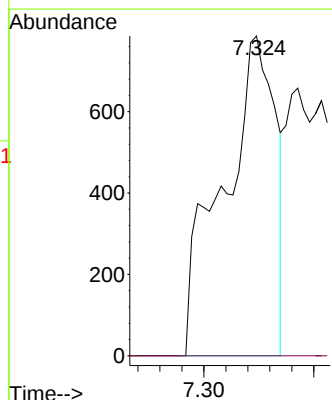
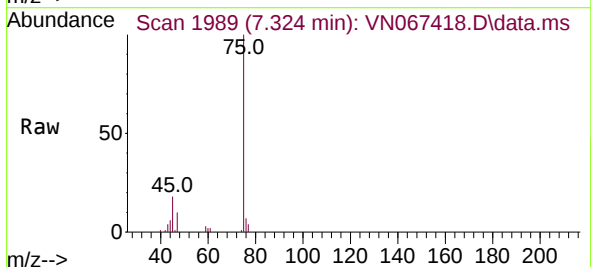
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ClientSampleId :
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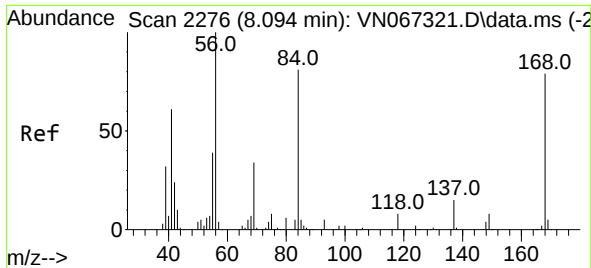
Tgt Ion: 43 Resp: 21295
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8



#25
2-Butanone
Concen: 0.41 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.019 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#

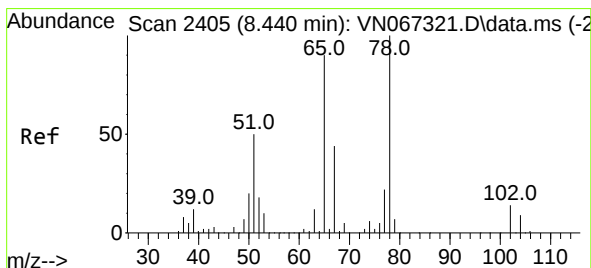
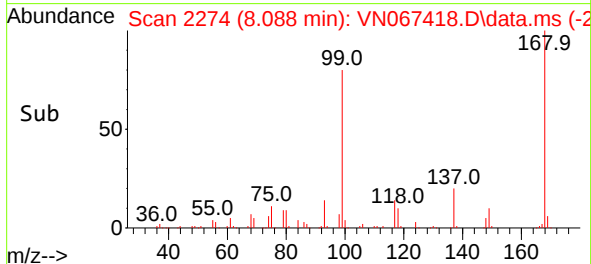
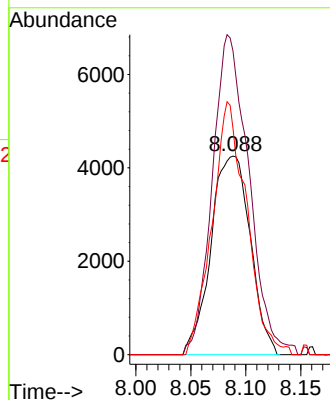
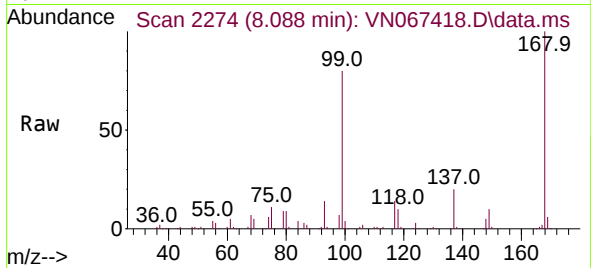




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

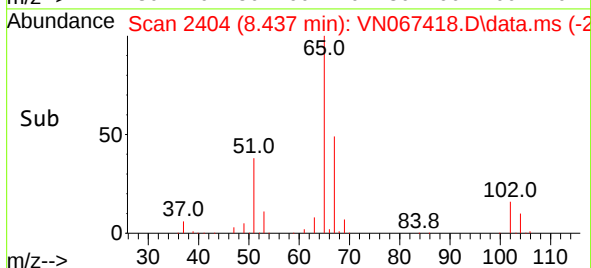
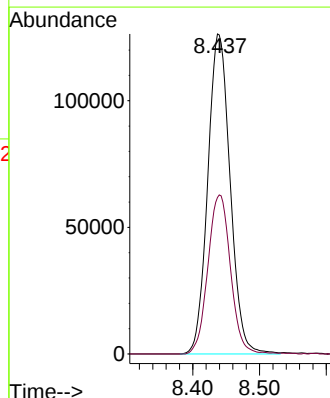
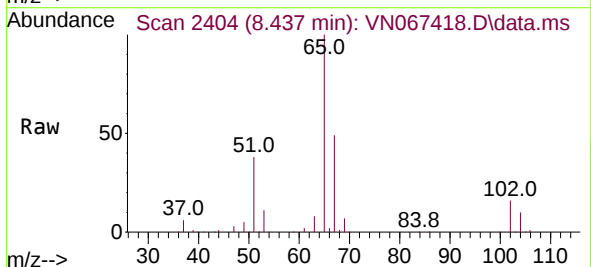
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MSVOA_N
ClientSampleId :
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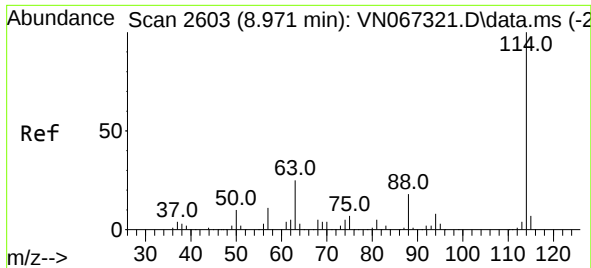
Tgt Ion: 56 Resp: 10586
Ion Ratio Lower Upper
56 100
69 152.9 27.3 40.9#
84 113.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.63 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 65 Resp: 294613
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.6

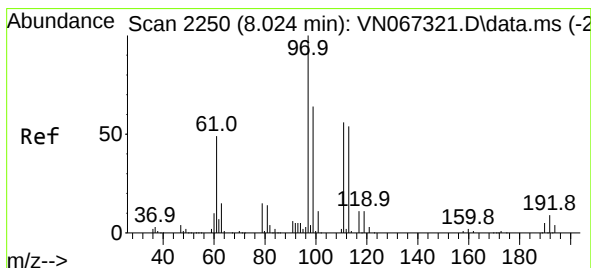
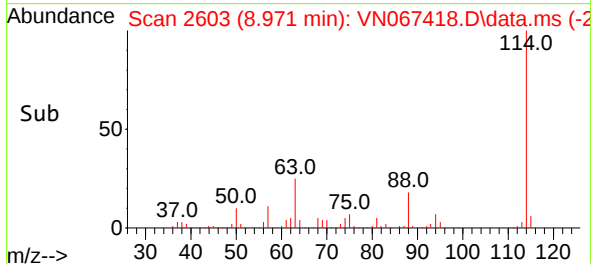
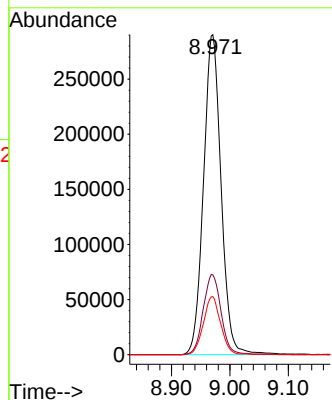
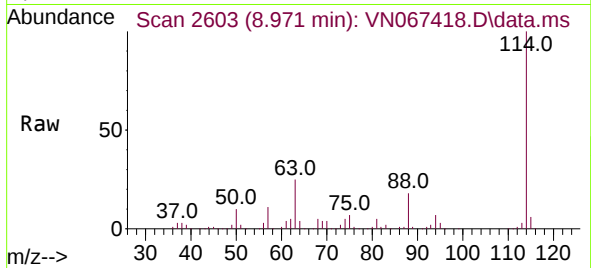




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

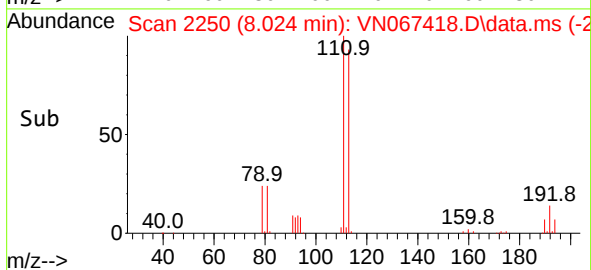
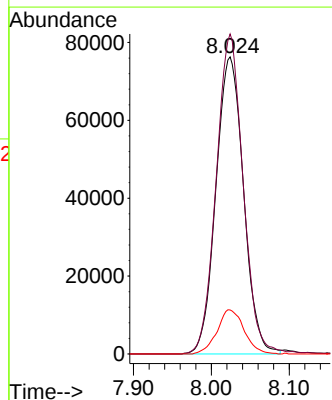
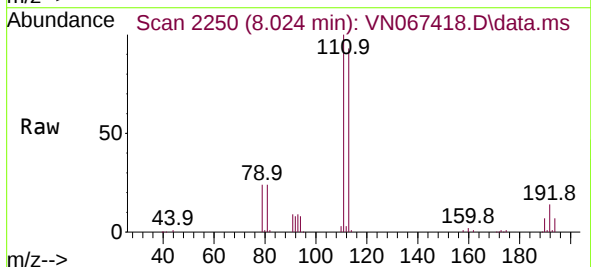
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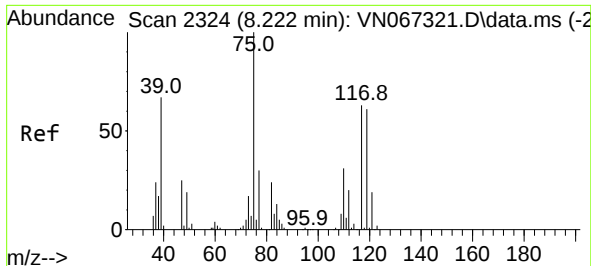
Tgt Ion:114 Resp: 607878
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.0
88 18.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.43 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion:113 Resp: 187718
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 14.6 13.4 20.0

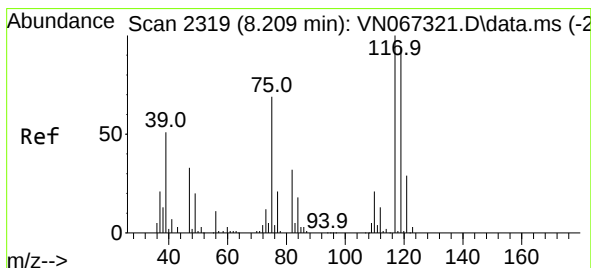
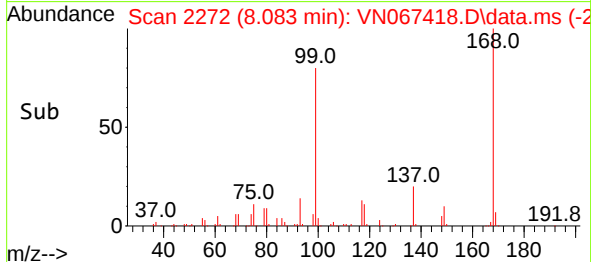
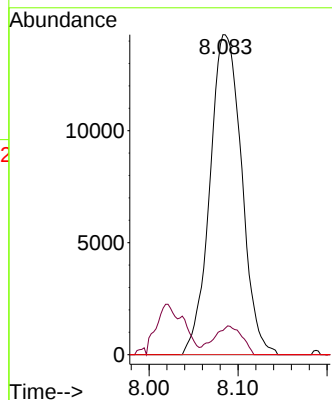
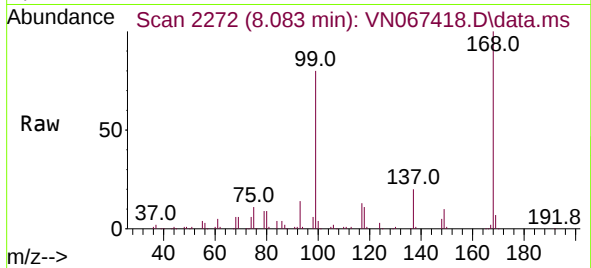




#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

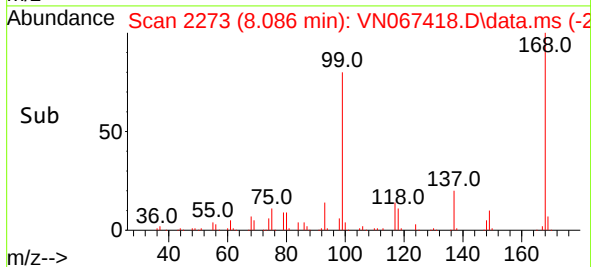
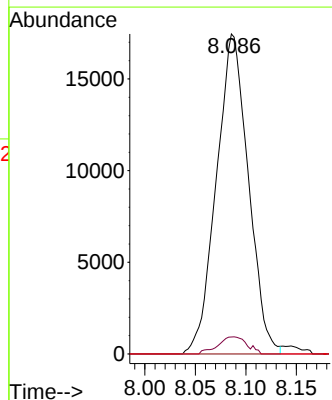
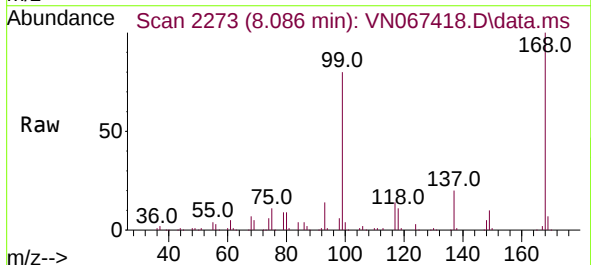
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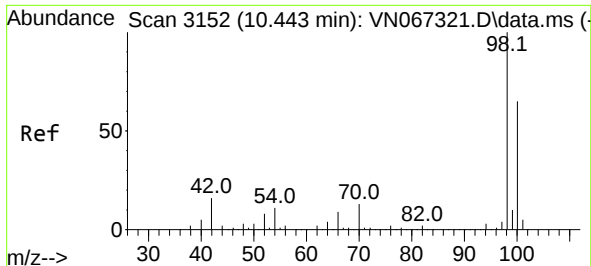
Tgt Ion: 75 Resp: 35375
Ion Ratio Lower Upper
75 100
110 8.1 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 117 Resp: 38412
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

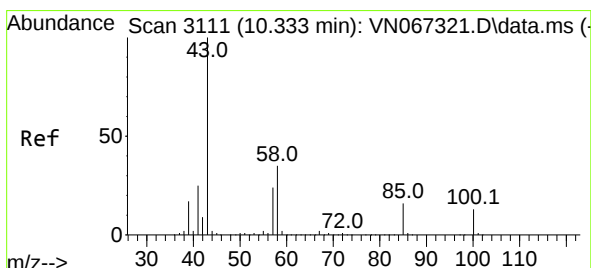
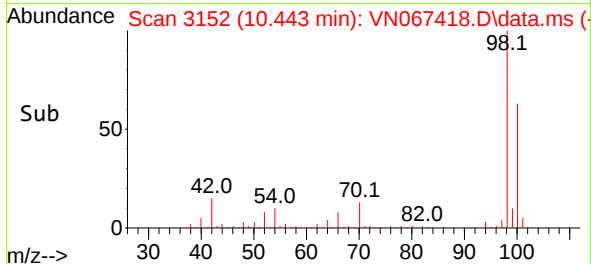
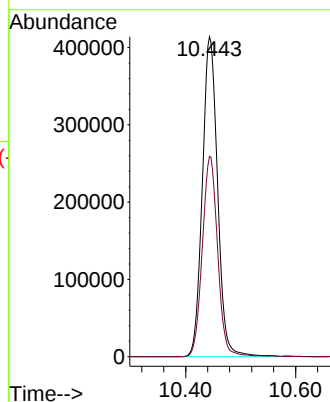
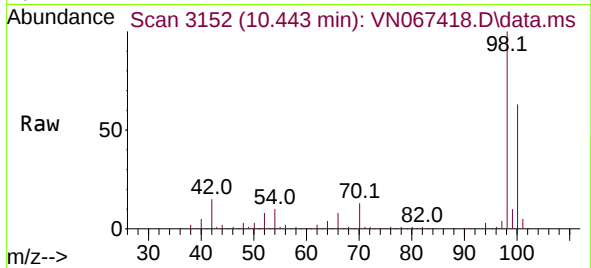




#50
Toluene-d8
Concen: 51.41 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

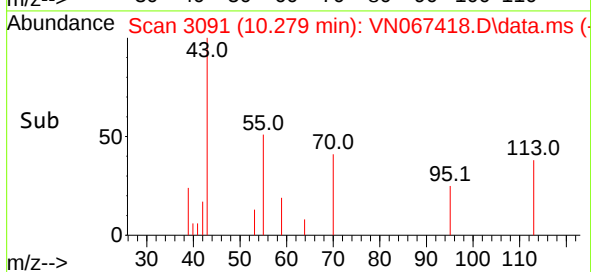
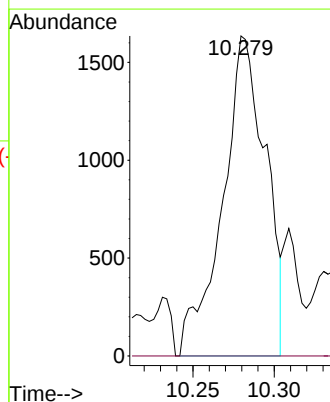
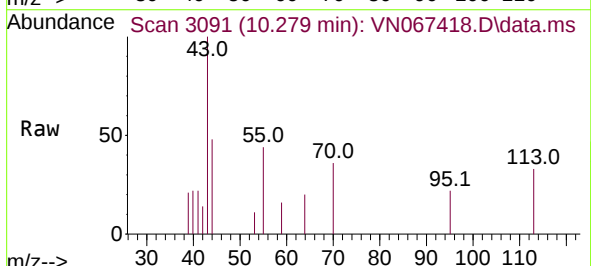
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ClientSampleId :
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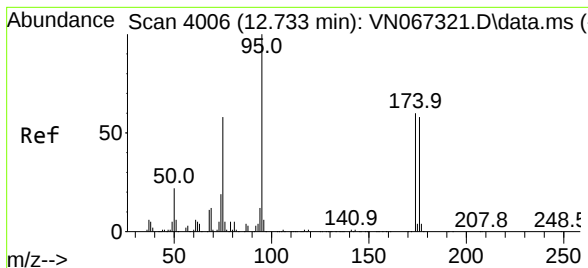
Tgt Ion: 98 Resp: 796616
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 10.279 min Scan# 3091
Delta R.T. -0.054 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 43 Resp: 3013
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

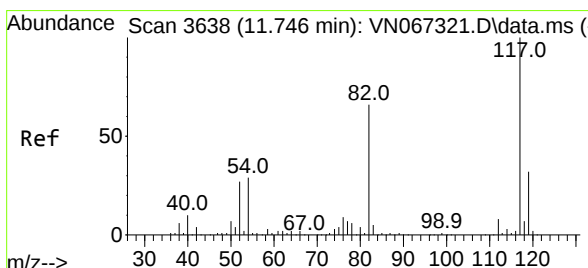
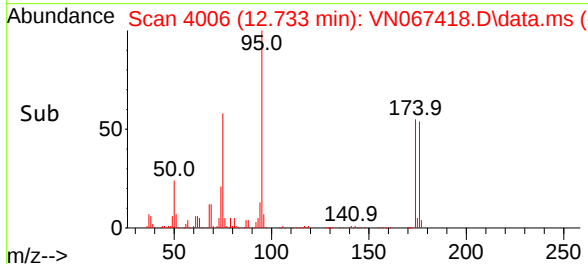
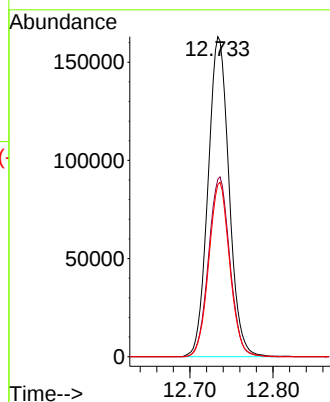
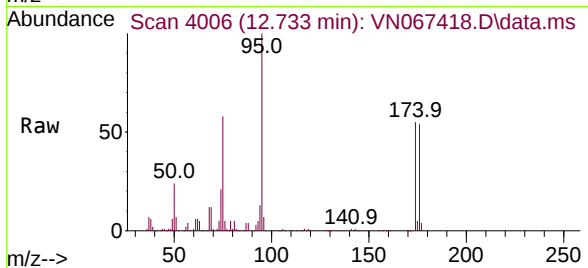




#62
4-Bromofluorobenzene
Concen: 44.73 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

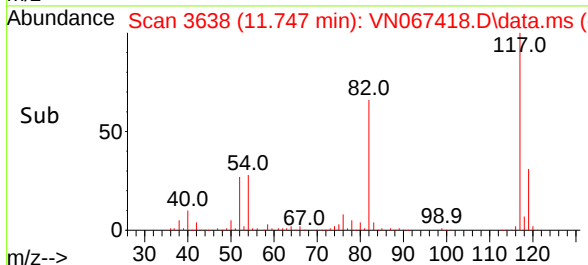
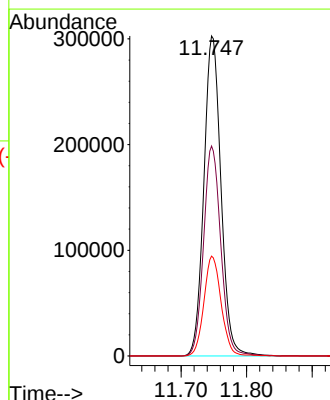
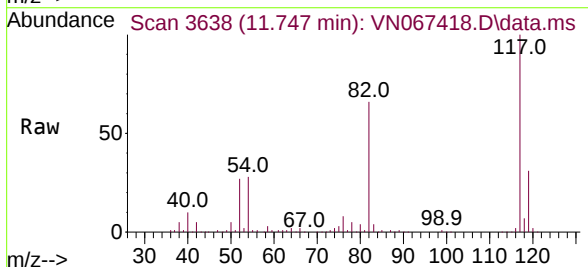
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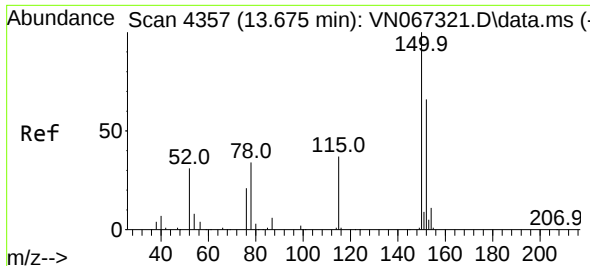
Tgt Ion: 95 Resp: 286047
Ion Ratio Lower Upper
95 100
174 56.9 0.0 122.0
176 54.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

Tgt Ion: 117 Resp: 548836
Ion Ratio Lower Upper
117 100
82 65.6 53.1 79.7
119 31.2 25.5 38.3

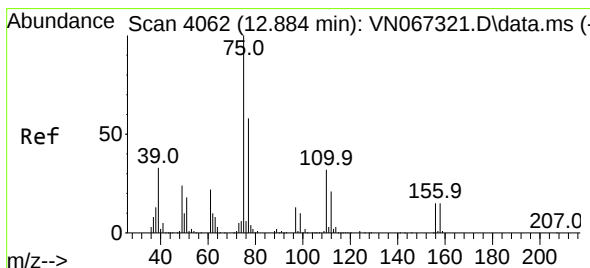
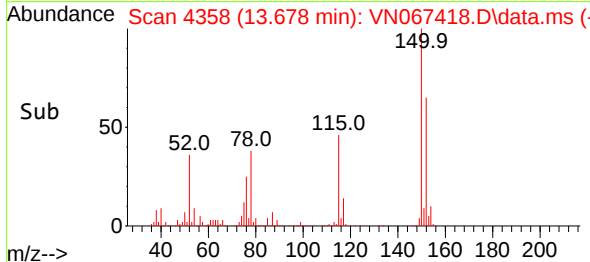
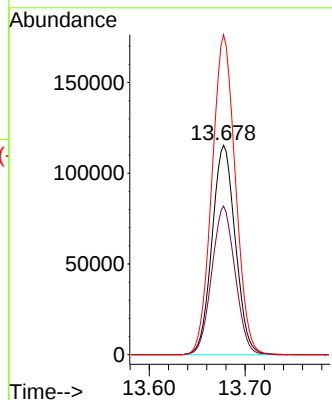
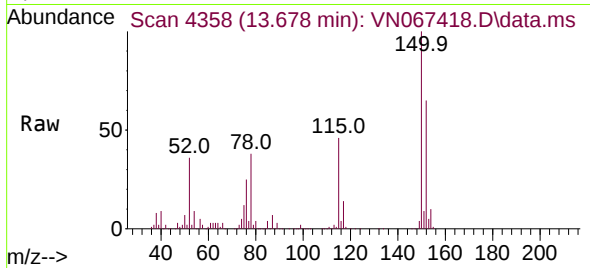




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

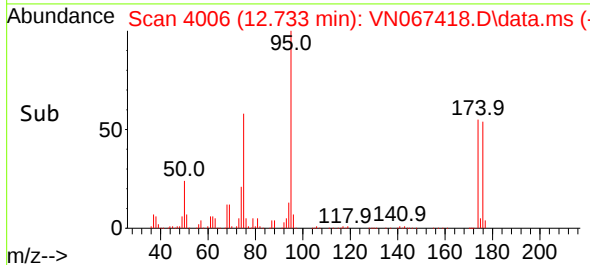
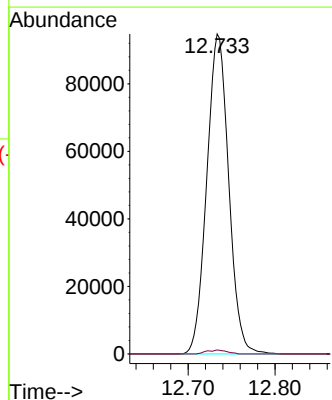
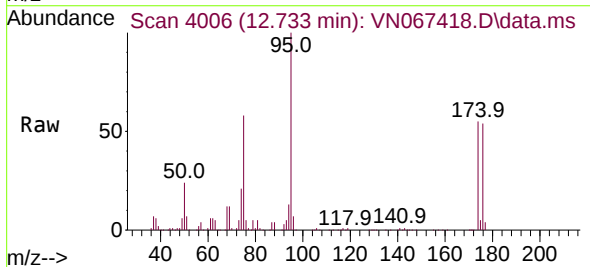
Instrument :
MSVOA_N
ClientSampleId :
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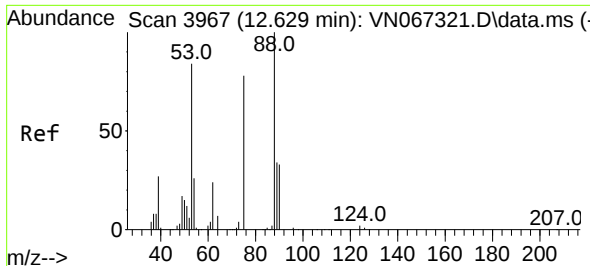
Tgt Ion:152 Resp: 194658
Ion Ratio Lower Upper
152 100
115 71.1 36.1 108.5
150 154.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.83 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

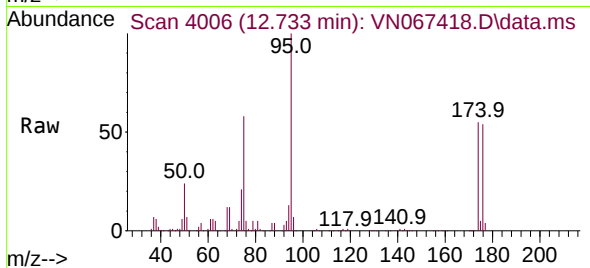
Tgt Ion: 75 Resp: 165964
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



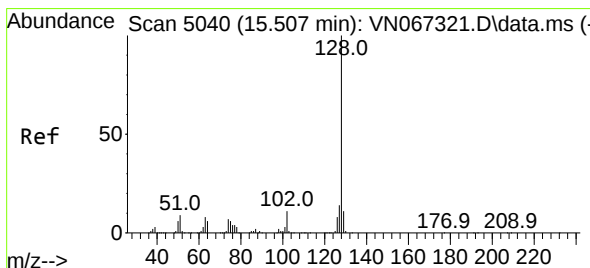
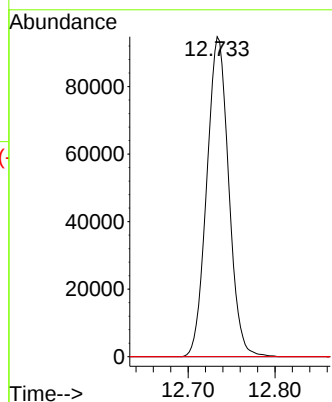
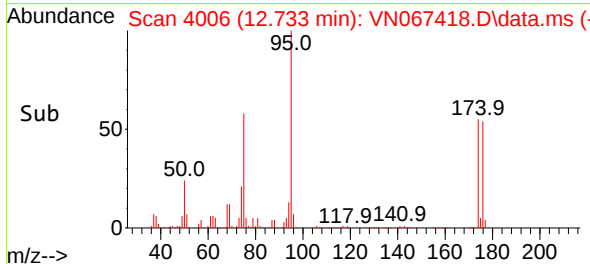


#81
trans-1,4-Dichloro-2-butene
Concen: 81.37 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49

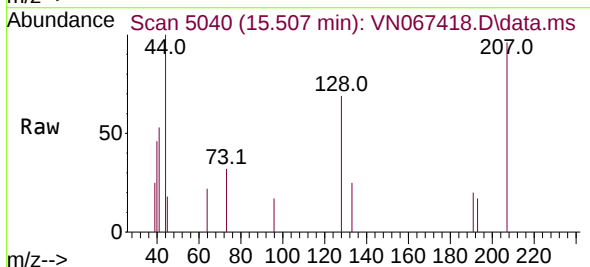
Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK



Tgt Ion: 75 Resp: 165964
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.68 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067418.D
Acq: 21 Jun 2021 15:49



Tgt Ion: 128 Resp: 896
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

