

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067515.D
 Acq On : 25 Jun 2021 19:36
 Operator : JC/MD
 Sample : M2847-02 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:40:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

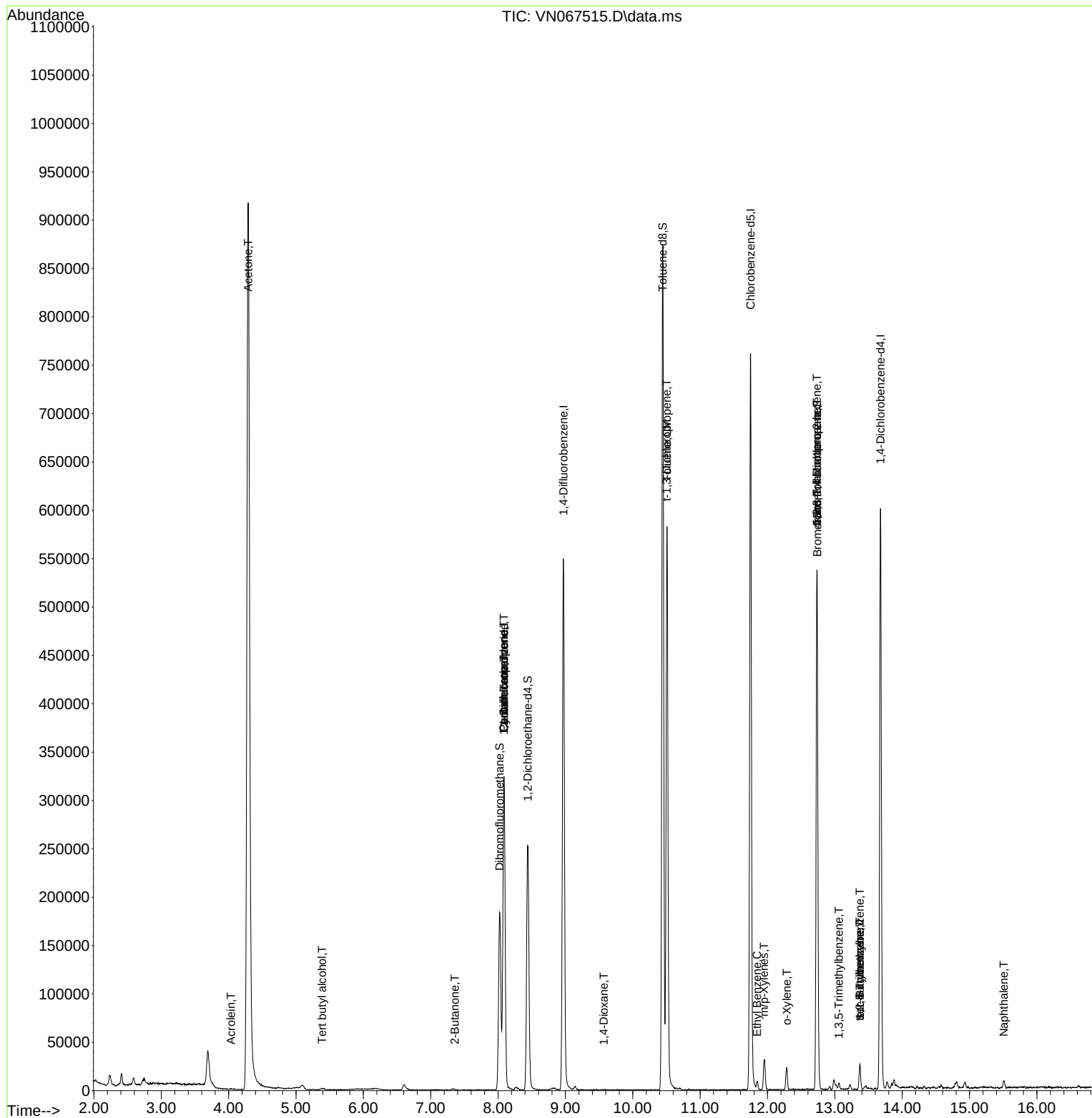
Internal Standards						
1) Pentafluorobenzene	8.088	168	186270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	424129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	381484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	125981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215237	56.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.92%			
35) Dibromofluoromethane	8.021	113	130657	50.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.00%			
50) Toluene-d8	10.443	98	593354	53.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.48%			
62) 4-Bromofluorobenzene	12.736	95	203702	51.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.60%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.388	59	1734	2.79	ug/l #	71
13) Acrolein	4.033	56	258	0.49	ug/l #	14
16) Acetone	4.291	43	1746244	1196.83	ug/l	91
25) 2-Butanone	7.356	43	669	0.29	ug/l #	64
31) Cyclohexane	8.088	56	8926	1.46	ug/l #	31
36) 1,1-Dichloropropene	8.086	75	27367	5.73	ug/l #	47
38) Carbon Tetrachloride	8.088	117	25537	6.28	ug/l #	17
49) 1,4-Dioxane	9.572	88	248	4.61	ug/l #	46
52) Toluene	10.508	92	243366	29.69	ug/l	98
53) t-1,3-Dichloropropene	10.505	75	3394	2.55	ug/l #	1
67) Ethyl Benzene	11.846	91	6407	0.40	ug/l	97
68) m/p-Xylenes	11.948	106	4804	0.88	ug/l #	1
69) o-Xylene	12.288	106	5398	1.00	ug/l	89
71) Bromoform	12.739	173	1364	3.28	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	122355	33.00	ug/l #	100
80) 1,3,5-Trimethylbenzene	13.061	105	3073	0.29	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.734	75	122355	90.29	ug/l #	6
83) tert-Butylbenzene	13.369	119	1749	0.21	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.372	105	14485	1.41	ug/l	94
85) sec-Butylbenzene	13.372	105	14485	1.17	ug/l #	59
95) Naphthalene	15.507	128	6098	4.15	ug/l #	96

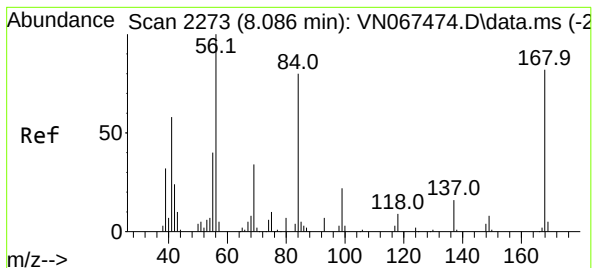
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
Data File : VN067515.D
Acq On : 25 Jun 2021 19:36
Operator : JC/MD
Sample : M2847-02 200X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 26 00:40:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration



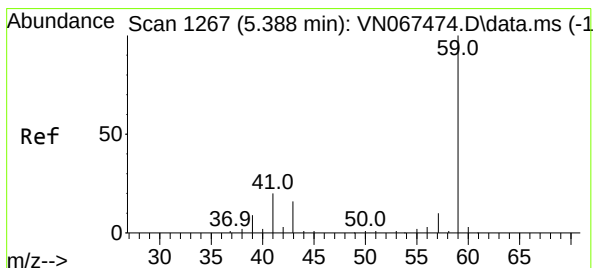
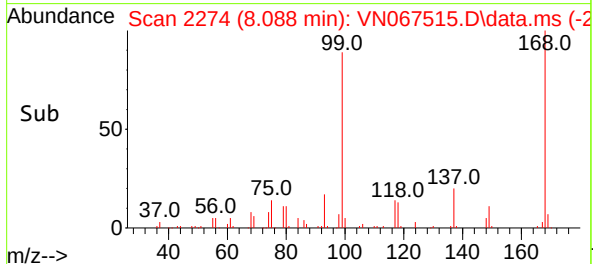
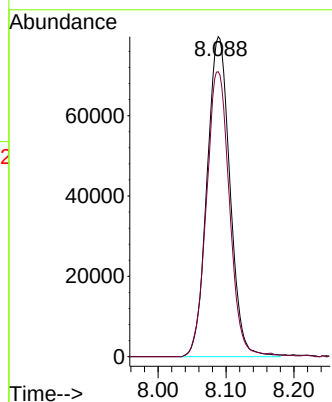
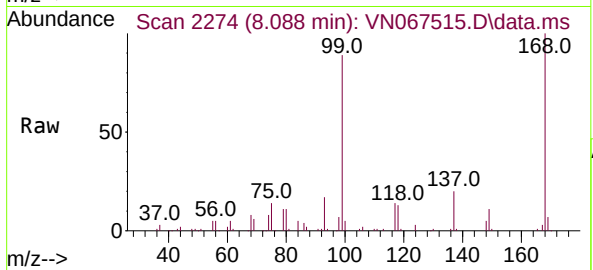


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. 0.002 min
 Lab File: VN067515.D
 Acq: 25 Jun 2021 19:36

Instrument :
 MSVOA_N
 ClientSampleId :

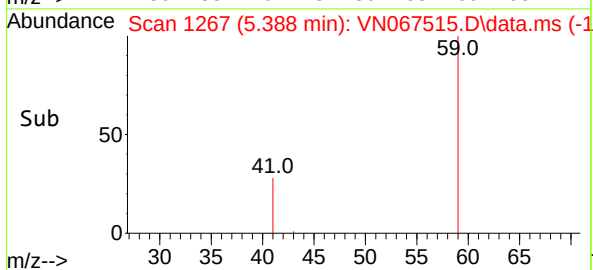
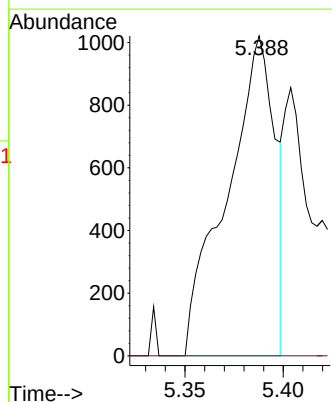
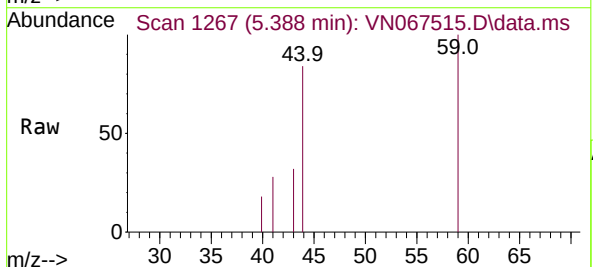
Tgt Ion:168 Resp: 186270
 Ion Ratio Lower Upper
 168 100
 99 89.1 62.9 94.3

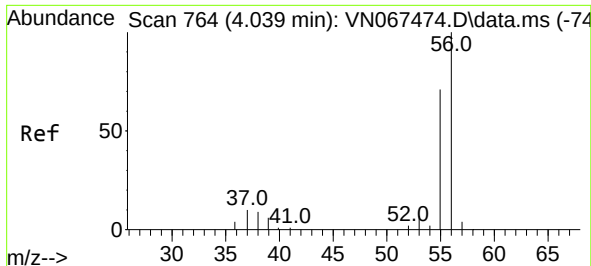


#11

Tert butyl alcohol
 Concen: 2.79 ug/l
 RT: 5.388 min Scan# 1267
 Delta R.T. -0.000 min
 Lab File: VN067515.D
 Acq: 25 Jun 2021 19:36

Tgt Ion: 59 Resp: 1734
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

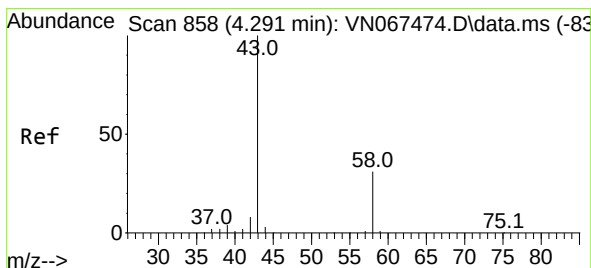
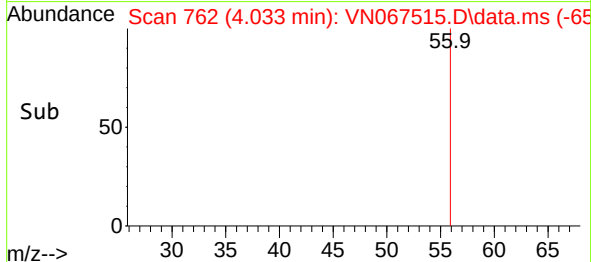
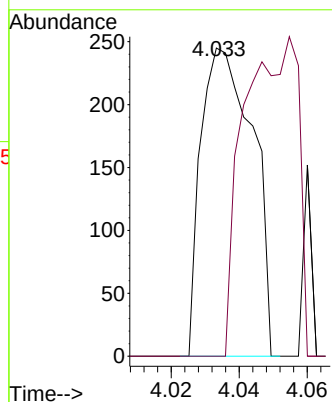
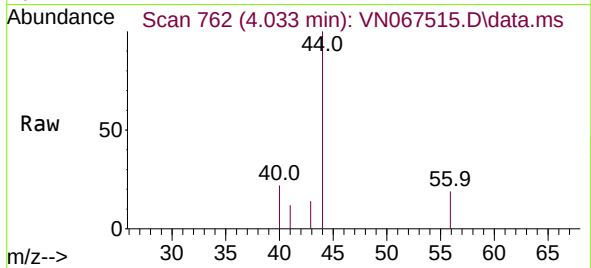




#13
Acrolein
Concen: 0.49 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

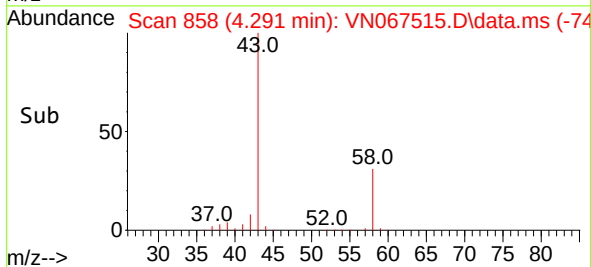
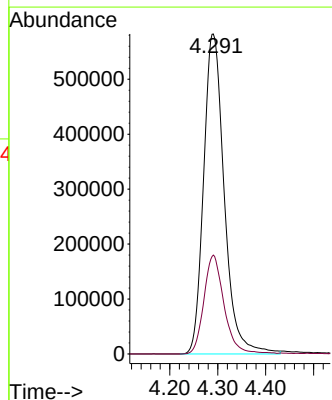
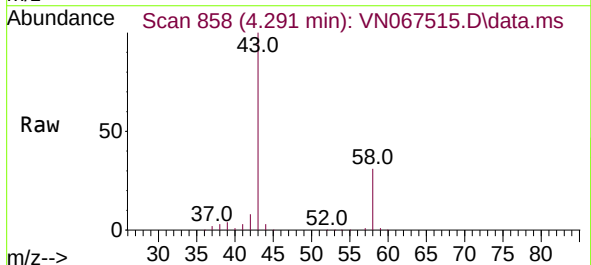
Instrument :
MSVOA_N
ClientSampleId :

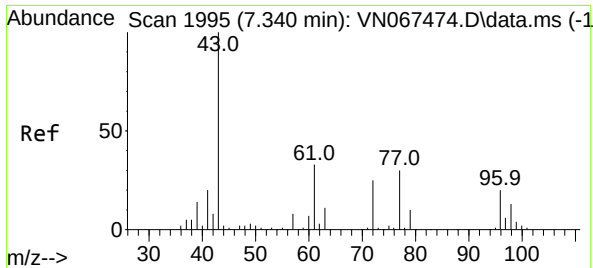
Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 1196.83 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 43 Resp: 1746244
Ion Ratio Lower Upper
43 100
58 30.9 21.2 31.8

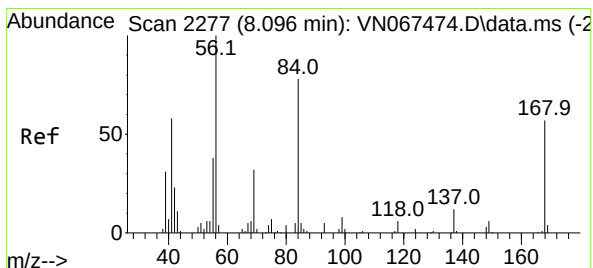
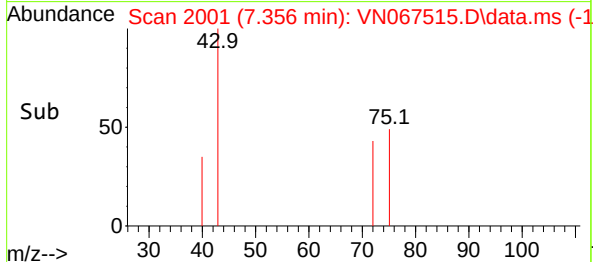
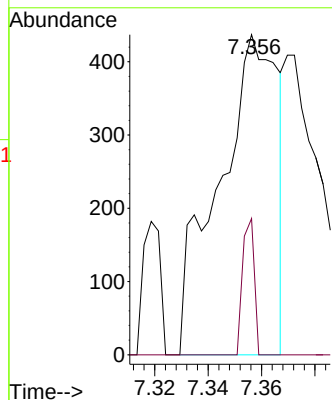
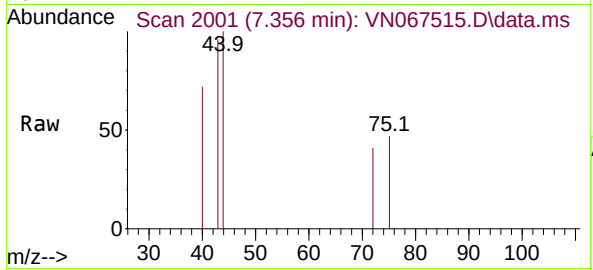




#25
2-Butanone
Concen: 0.29 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.016 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

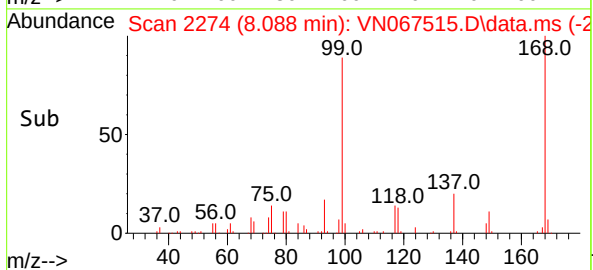
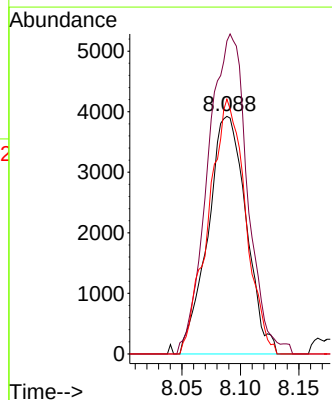
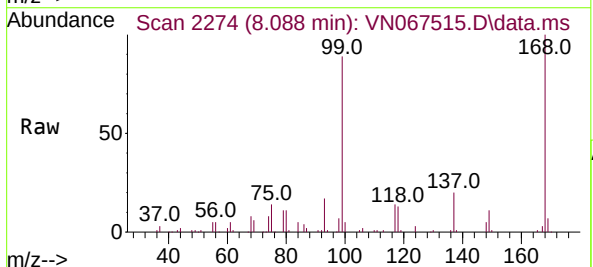
Instrument :
MSVOA_N
ClientSampled :

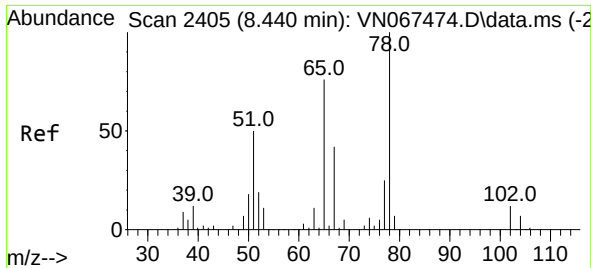
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
72 42.6 19.7 29.5#



#31
Cyclohexane
Concen: 1.46 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 56 Resp: 8926
Ion Ratio Lower Upper
56 100
69 127.7 27.3 40.9#
84 107.2 64.9 97.3#

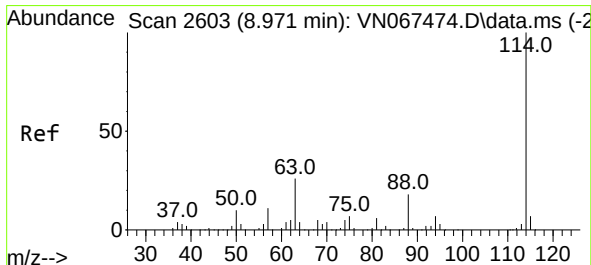
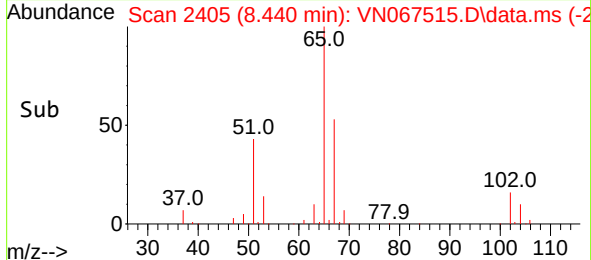
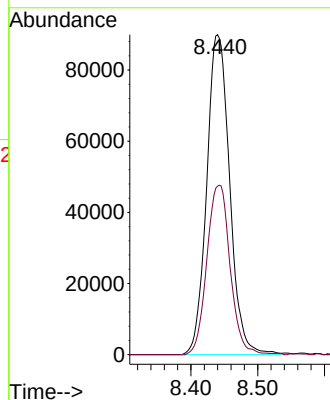
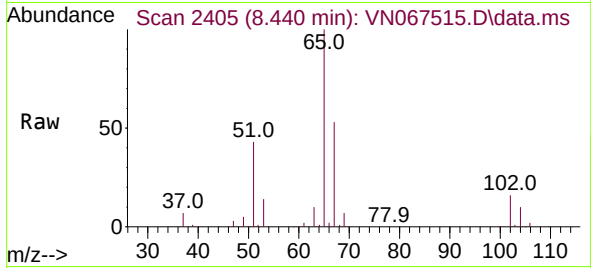




#33
 1,2-Dichloroethane-d4
 Concen: 56.46 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067515.D
 Acq: 25 Jun 2021 19:36

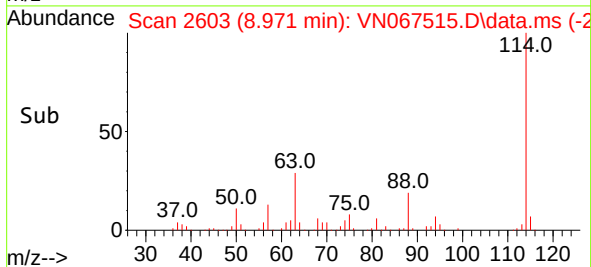
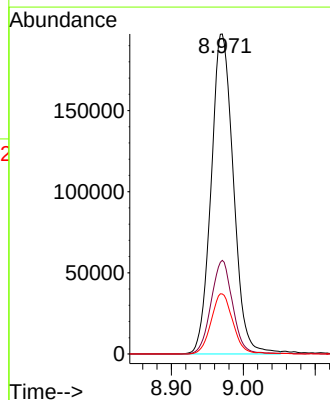
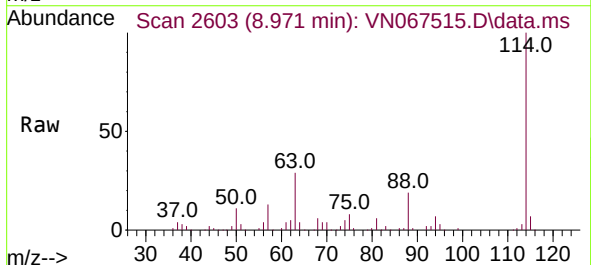
Instrument :
 MSVOA_N
 ClientSampled :

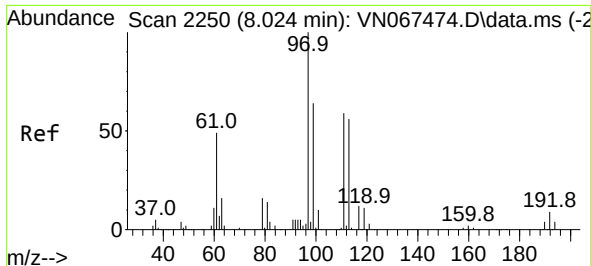
Tgt Ion: 65 Resp: 215237
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN067515.D
 Acq: 25 Jun 2021 19:36

Tgt Ion: 114 Resp: 424129
 Ion Ratio Lower Upper
 114 100
 63 29.2 0.0 49.0
 88 18.8 0.0 36.6

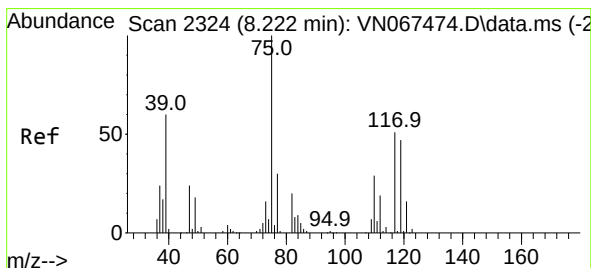
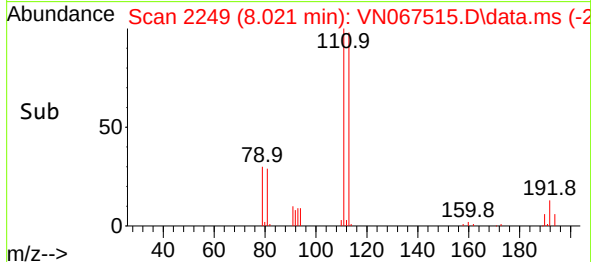
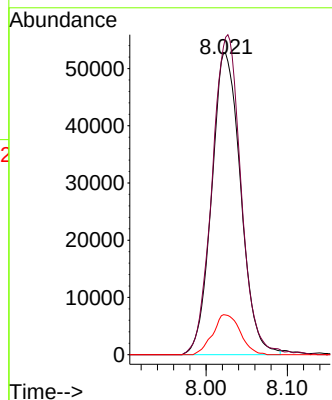
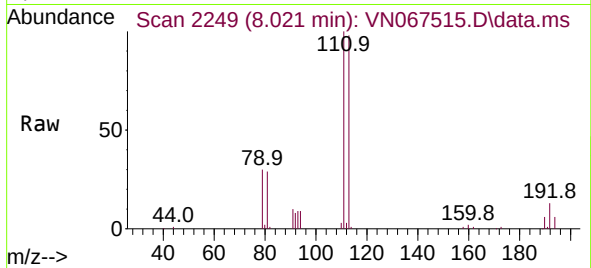




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

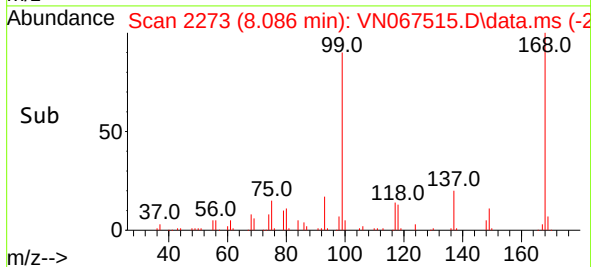
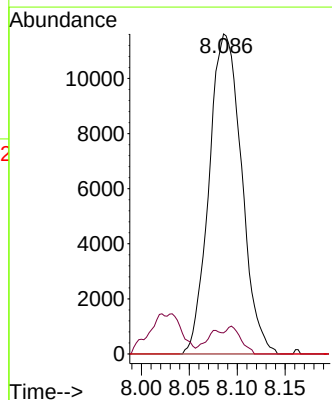
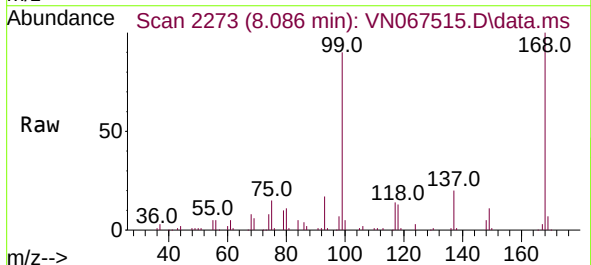
Instrument :
MSVOA_N
ClientSampleId :

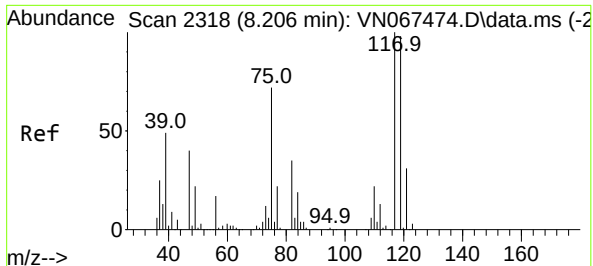
Tgt Ion:113 Resp: 130657
Ion Ratio Lower Upper
113 100
111 105.6 83.8 125.8
192 12.5 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 5.73 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

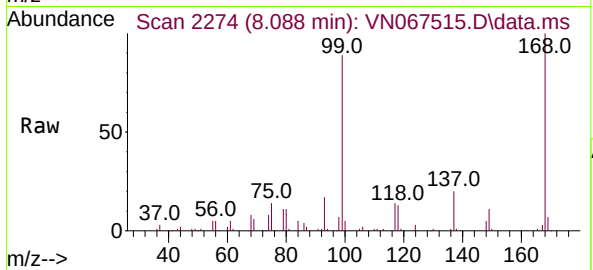
Tgt Ion: 75 Resp: 27367
Ion Ratio Lower Upper
75 100
110 3.9 15.7 47.0#
77 0.0 24.6 37.0#



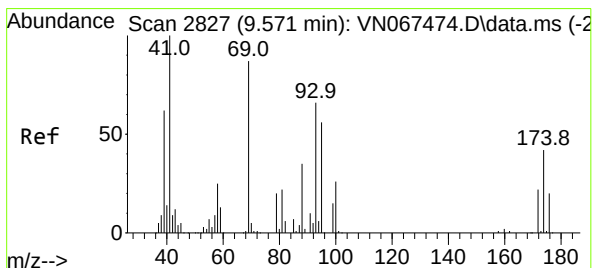
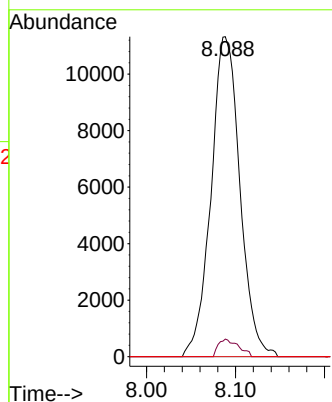
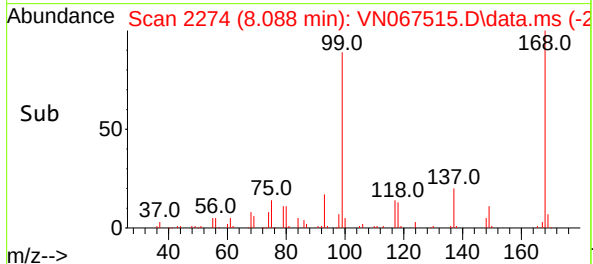


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

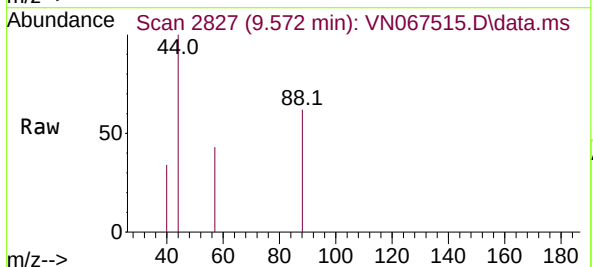
Instrument :
MSVOA_N
ClientSampled :



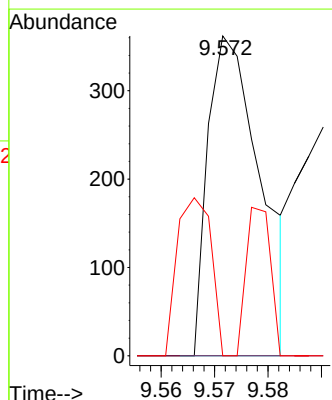
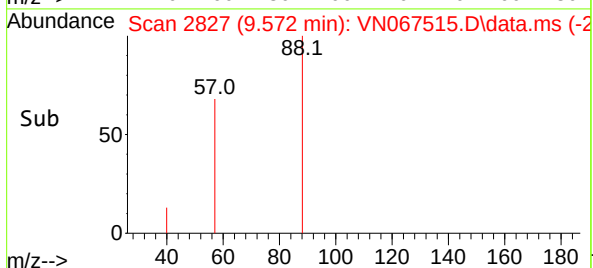
Tgt Ion:117 Resp: 25537
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 23.5 35.3#

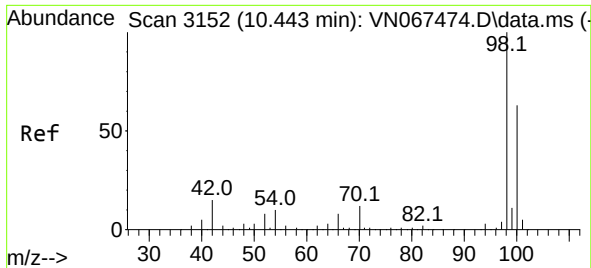


#49
1,4-Dioxane
Concen: 4.61 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.001 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36



Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 31.9 60.4 90.6#

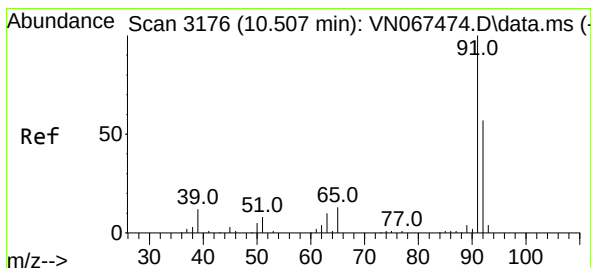
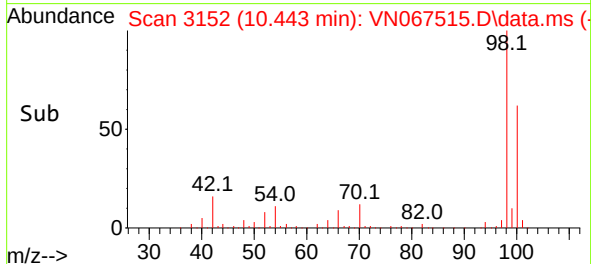
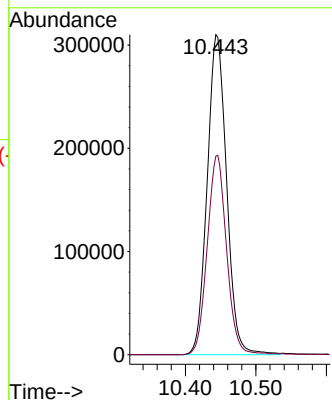
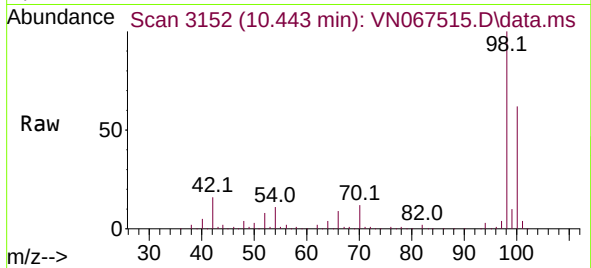




#50
Toluene-d8
Concen: 53.24 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

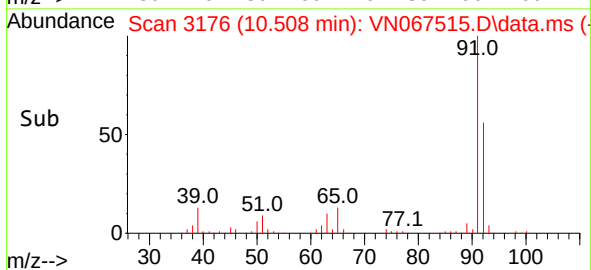
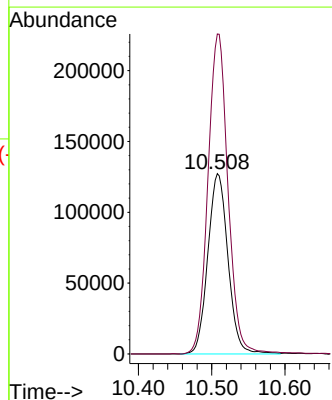
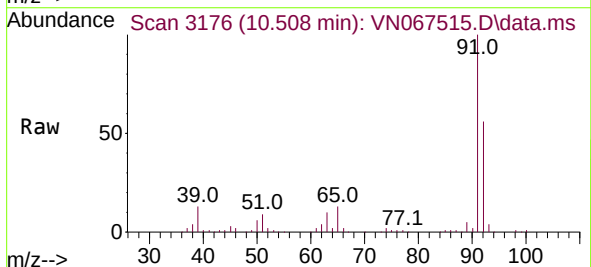
Instrument :
MSVOA_N
ClientSampleId :

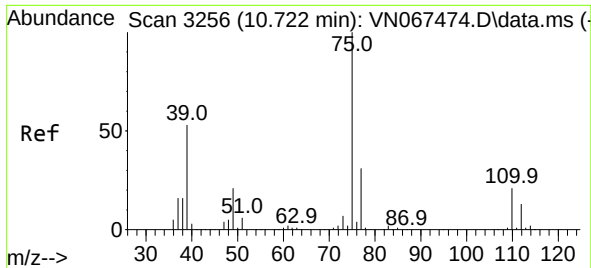
Tgt Ion: 98 Resp: 593354
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5



#52
Toluene
Concen: 29.69 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 92 Resp: 243366
Ion Ratio Lower Upper
92 100
91 177.0 139.6 209.4

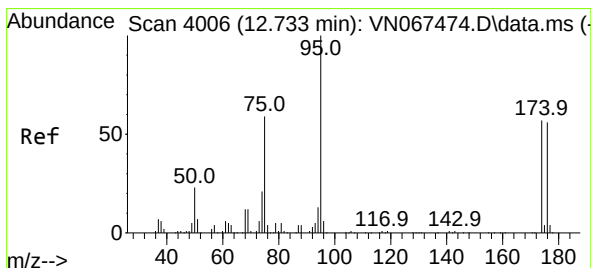
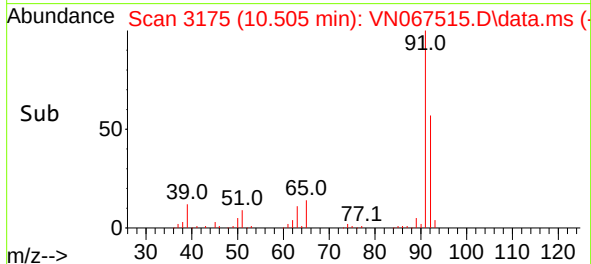
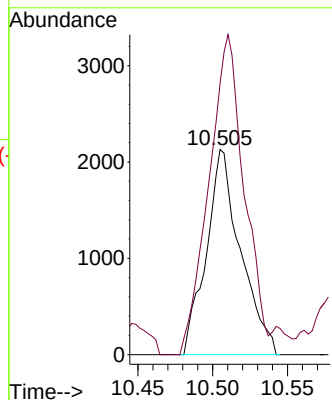
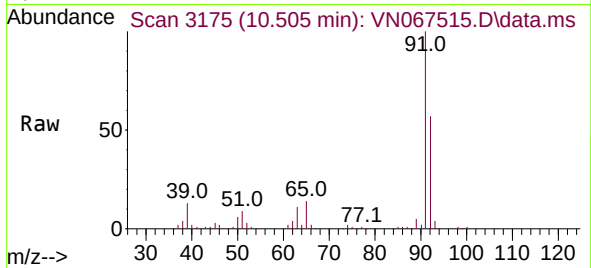




#53
t-1,3-Dichloropropene
Concen: 2.55 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.217 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

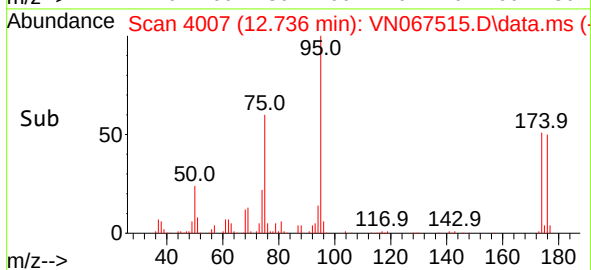
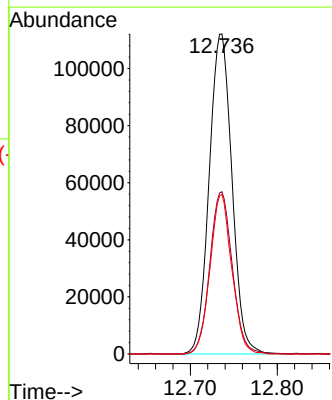
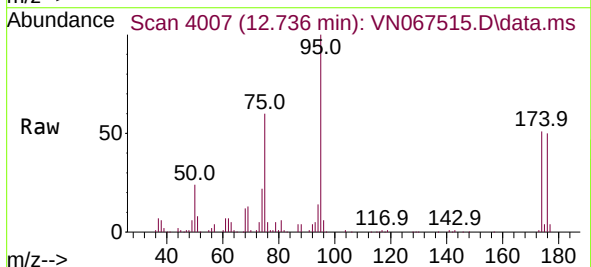
Instrument :
MSVOA_N
ClientSampleId :

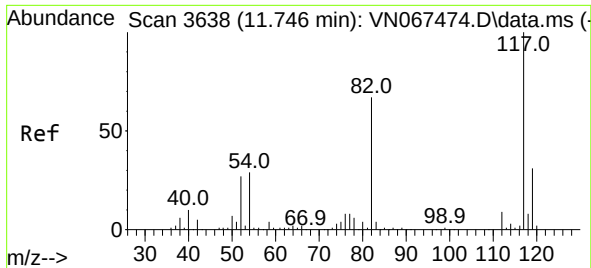
Tgt Ion: 75 Resp: 3394
Ion Ratio Lower Upper
75 100
77 132.0 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 51.30 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 95 Resp: 203702
Ion Ratio Lower Upper
95 100
174 50.1 0.0 122.0
176 47.6 0.0 117.6

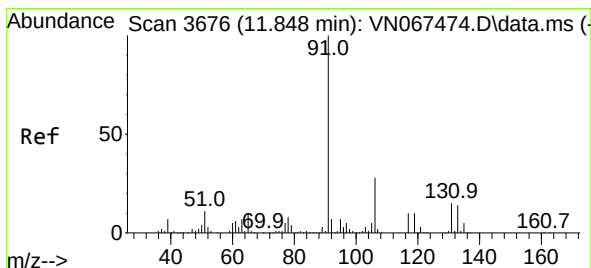
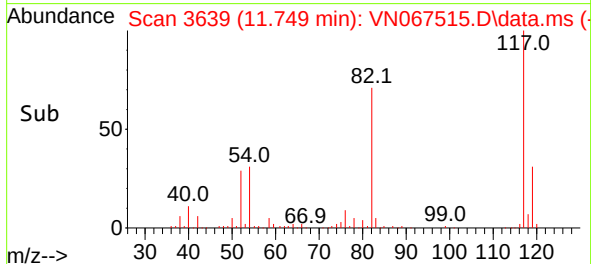
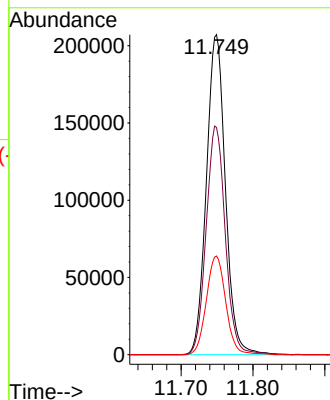
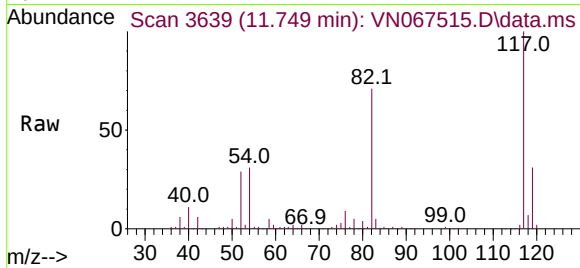




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

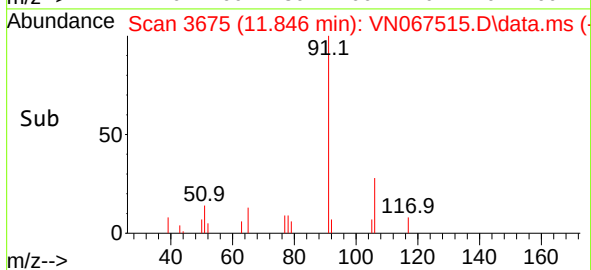
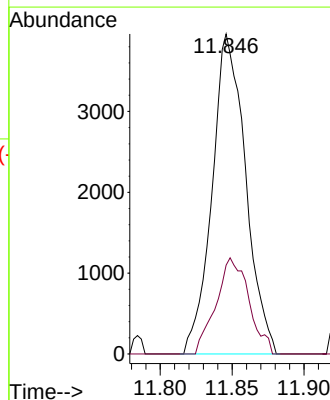
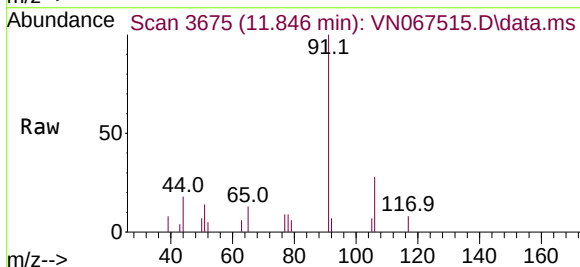
Instrument :
MSVOA_N
ClientSampleId :

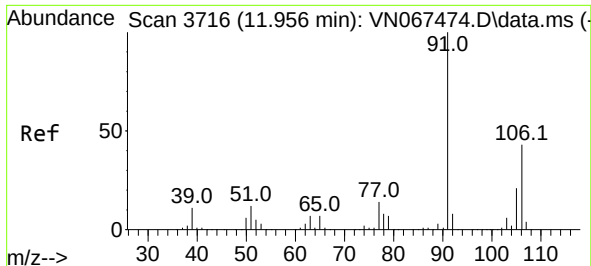
Tgt Ion:117 Resp: 381484
Ion Ratio Lower Upper
117 100
82 71.0 53.1 79.7
119 30.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.40 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 91 Resp: 6407
Ion Ratio Lower Upper
91 100
106 27.8 23.4 35.0

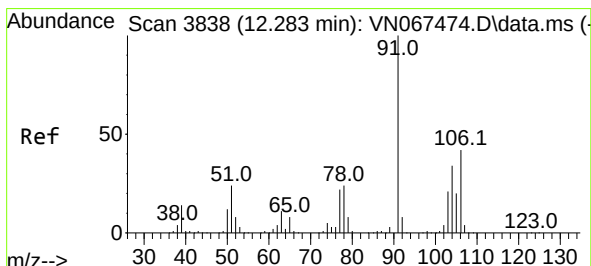
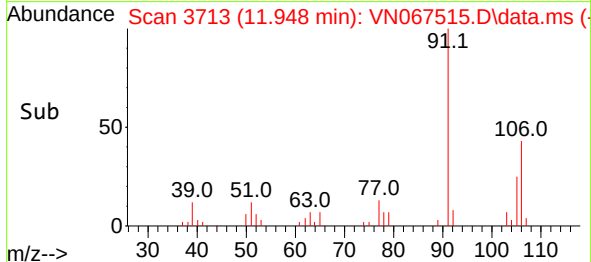
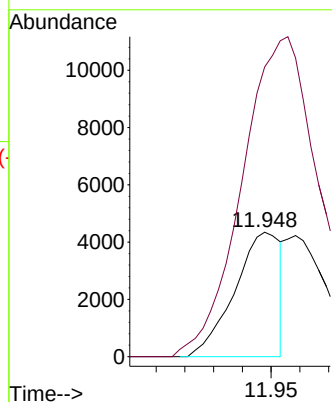
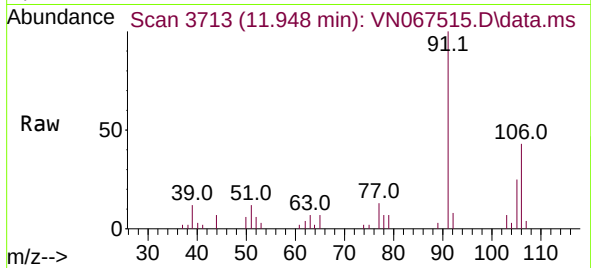




#68
m/p-Xylenes
Concen: 0.88 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.008 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

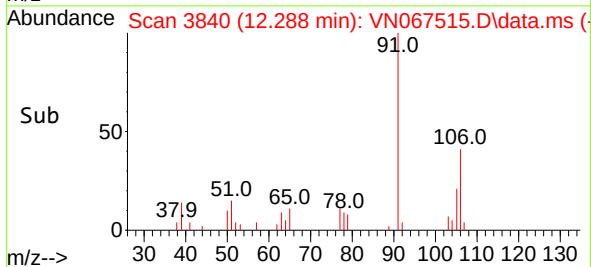
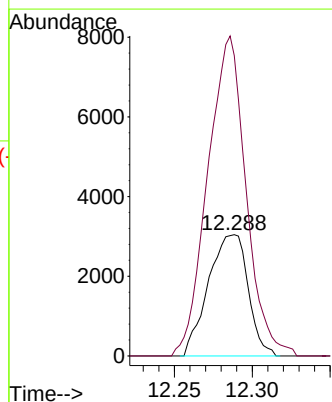
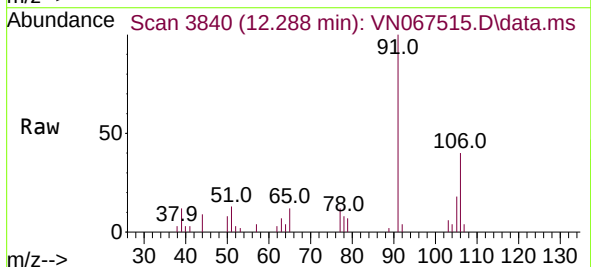
Instrument :
MSVOA_N
ClientSampleId :

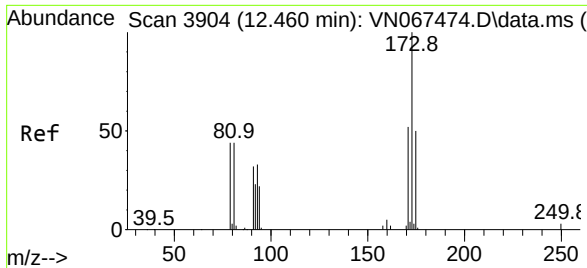
Tgt Ion:106 Resp: 4804
Ion Ratio Lower Upper
106 100
91 440.4 180.6 270.8#



#69
o-Xylene
Concen: 1.00 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. 0.005 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion:106 Resp: 5398
Ion Ratio Lower Upper
106 100
91 254.3 118.3 354.9

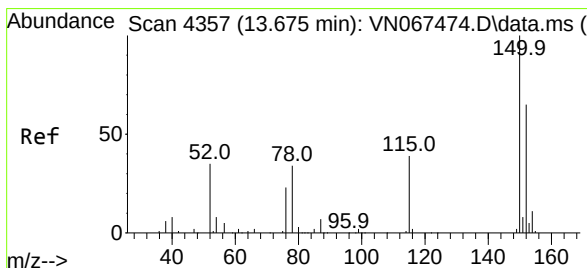
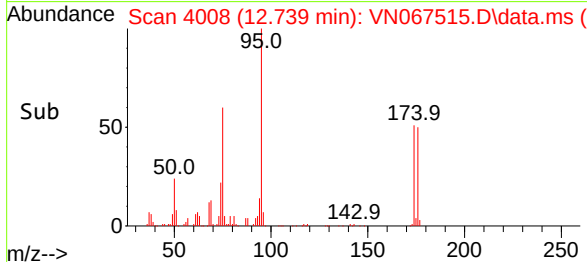
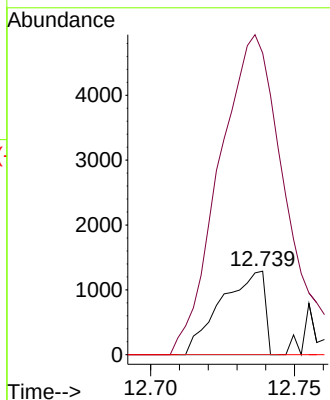
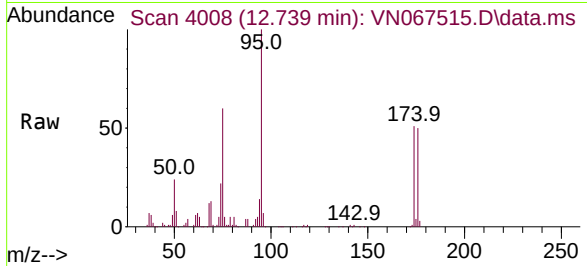




#71
Bromoform
Concen: 3.28 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

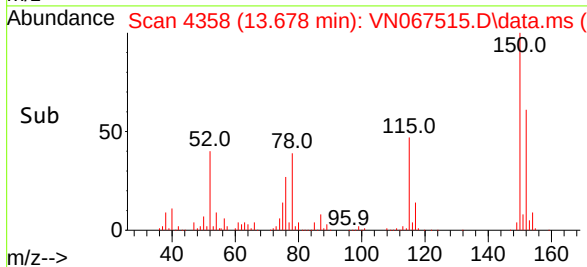
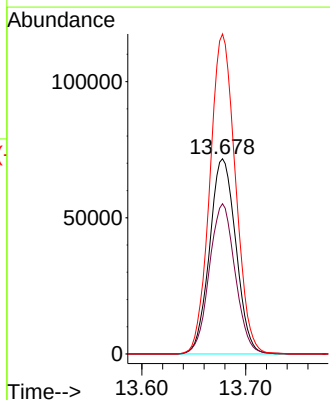
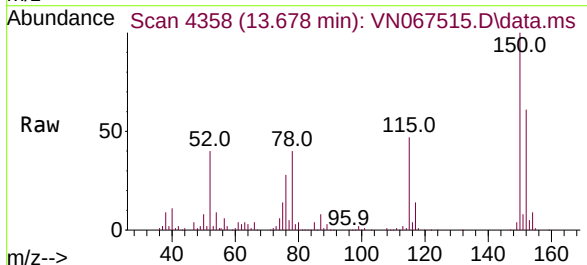
Instrument :
MSVOA_N
ClientSampleId :

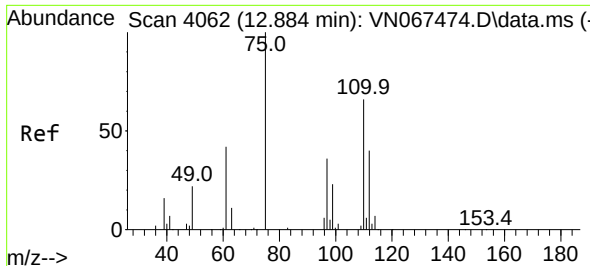
Tgt Ion:173 Resp: 1364
Ion Ratio Lower Upper
173 100
175 526.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion:152 Resp: 125981
Ion Ratio Lower Upper
152 100
115 75.7 36.1 108.5
150 159.5 0.0 351.8

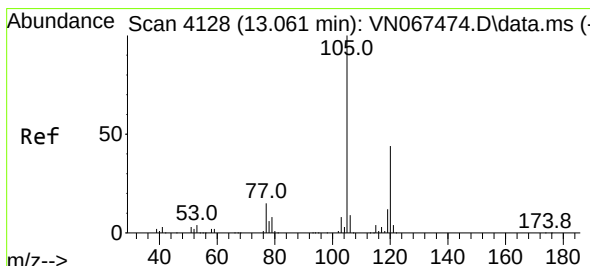
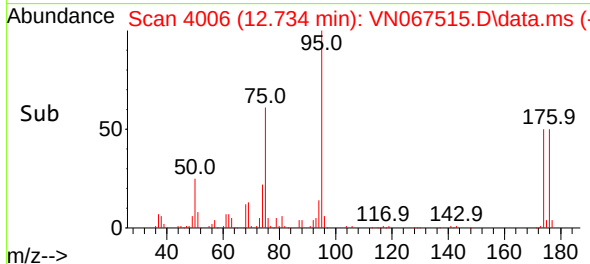
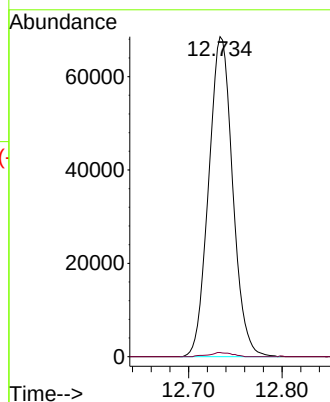
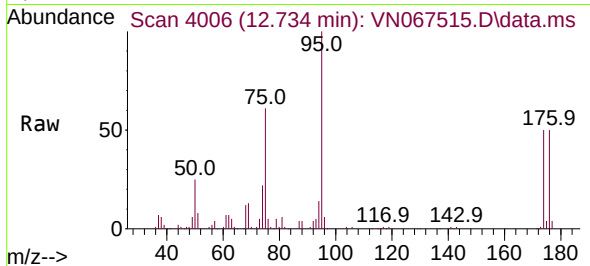




#76
1,2,3-Trichloropropane
Concen: 33.00 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

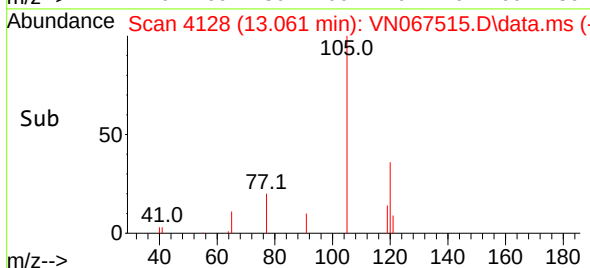
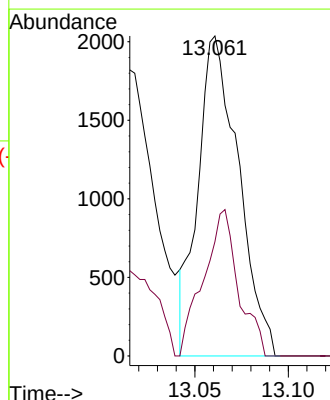
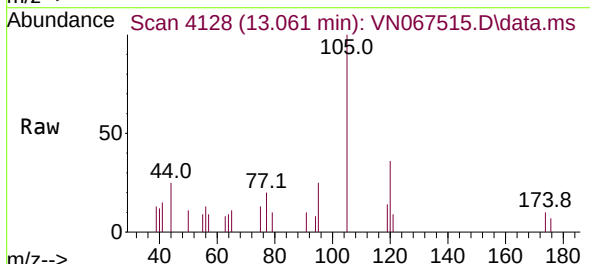
Instrument :
MSVOA_N
ClientSampleId :

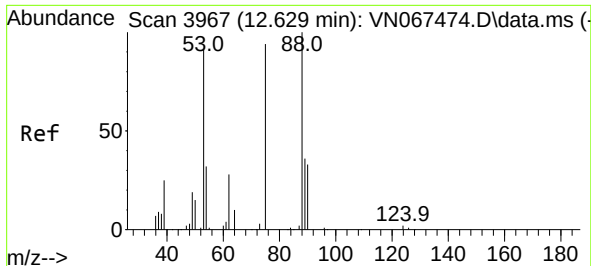
Tgt Ion: 75 Resp: 122355
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 105 Resp: 3073
Ion Ratio Lower Upper
105 100
120 39.4 22.2 66.6

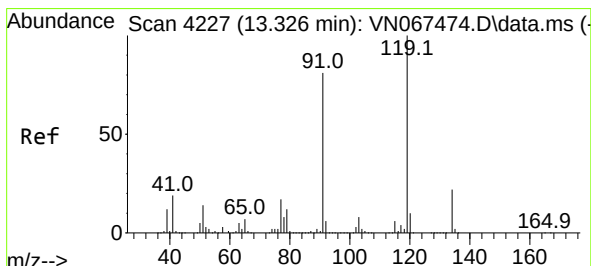
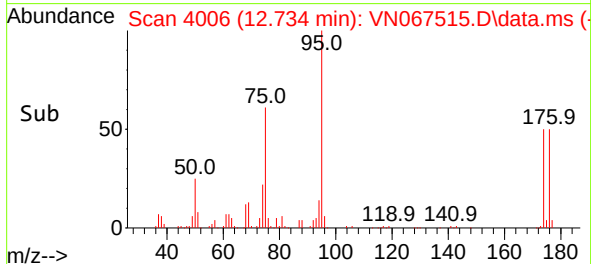
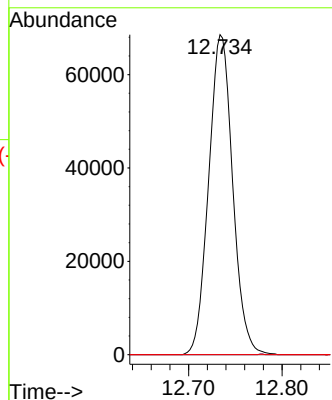
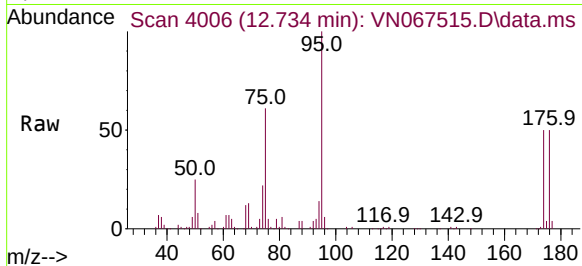




#81
trans-1,4-Dichloro-2-butene
Concen: 90.29 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

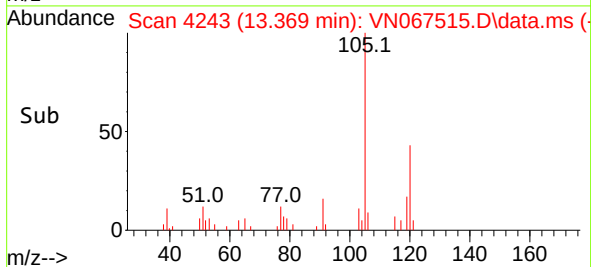
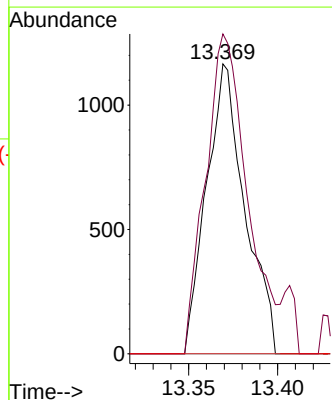
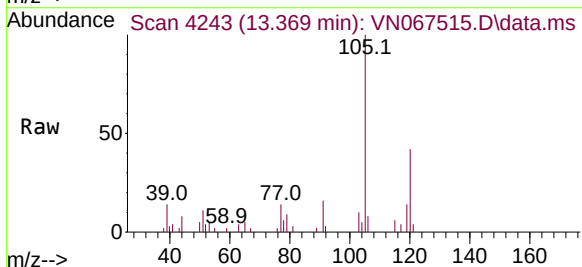
Instrument :
MSVOA_N
ClientSampleId :

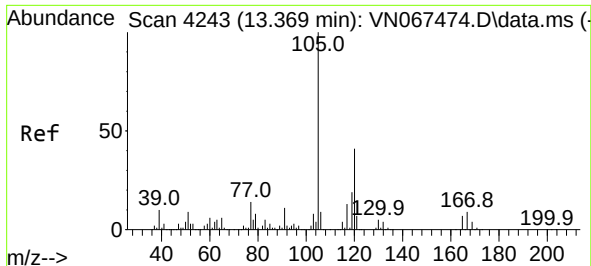
Tgt Ion: 75 Resp: 122355
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.043 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 119 Resp: 1749
Ion Ratio Lower Upper
119 100
91 118.6 39.5 118.5#
134 0.0 12.0 36.0#

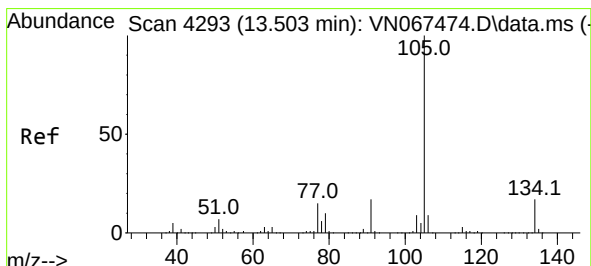
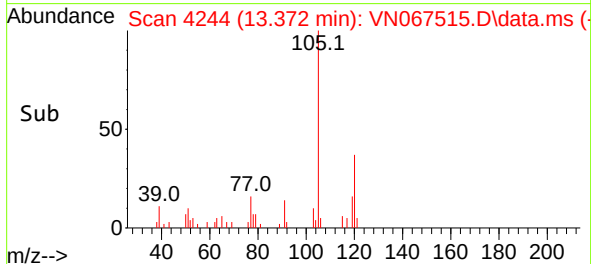
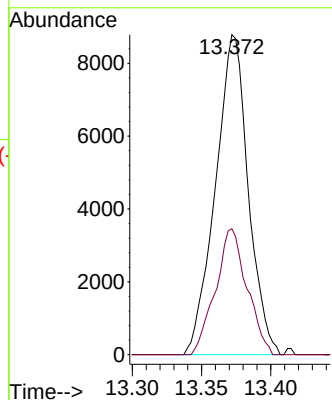
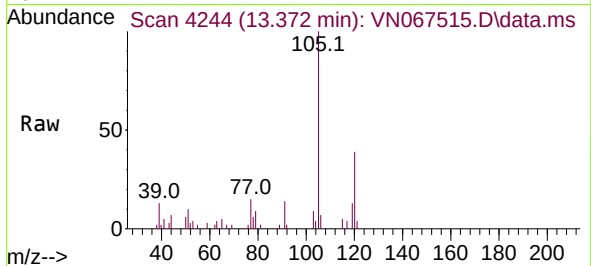




#84
1,2,4-Trimethylbenzene
Concen: 1.41 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

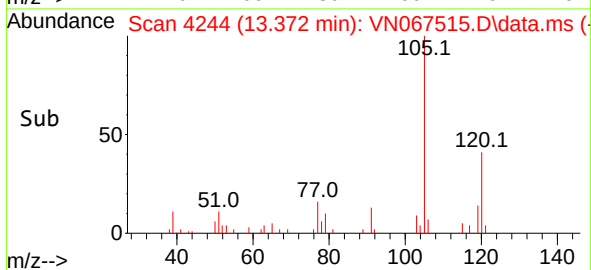
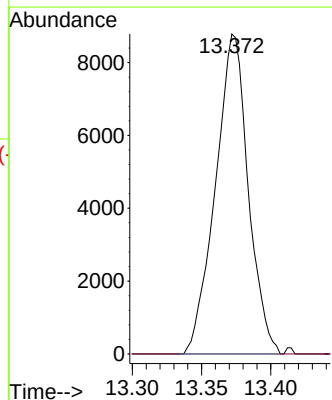
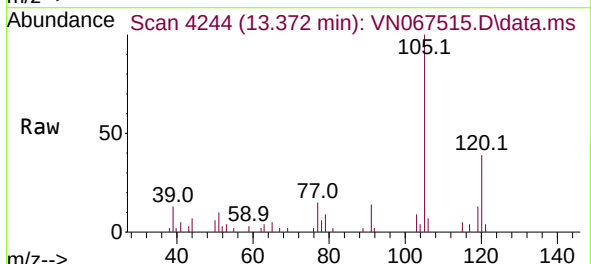
Instrument :
MSVOA_N
ClientSampled :

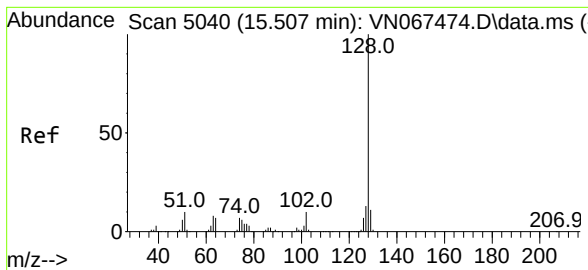
Tgt Ion:105 Resp: 14485
Ion Ratio Lower Upper
105 100
120 37.7 20.6 61.8



#85
sec-Butylbenzene
Concen: 1.17 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.131 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Tgt Ion:105 Resp: 14485
Ion Ratio Lower Upper
105 100
134 0.0 9.0 27.1#





#95
Naphthalene
Concen: 4.15 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067515.D
Acq: 25 Jun 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6098
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 7.6 8.6 12.8#

