

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067581.D
 Acq On : 30 Jun 2021 18:55
 Operator : JC/MD
 Sample : M2896-03 40X
 Misc : 8.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-02

Quant Time: Jul 01 01:29:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

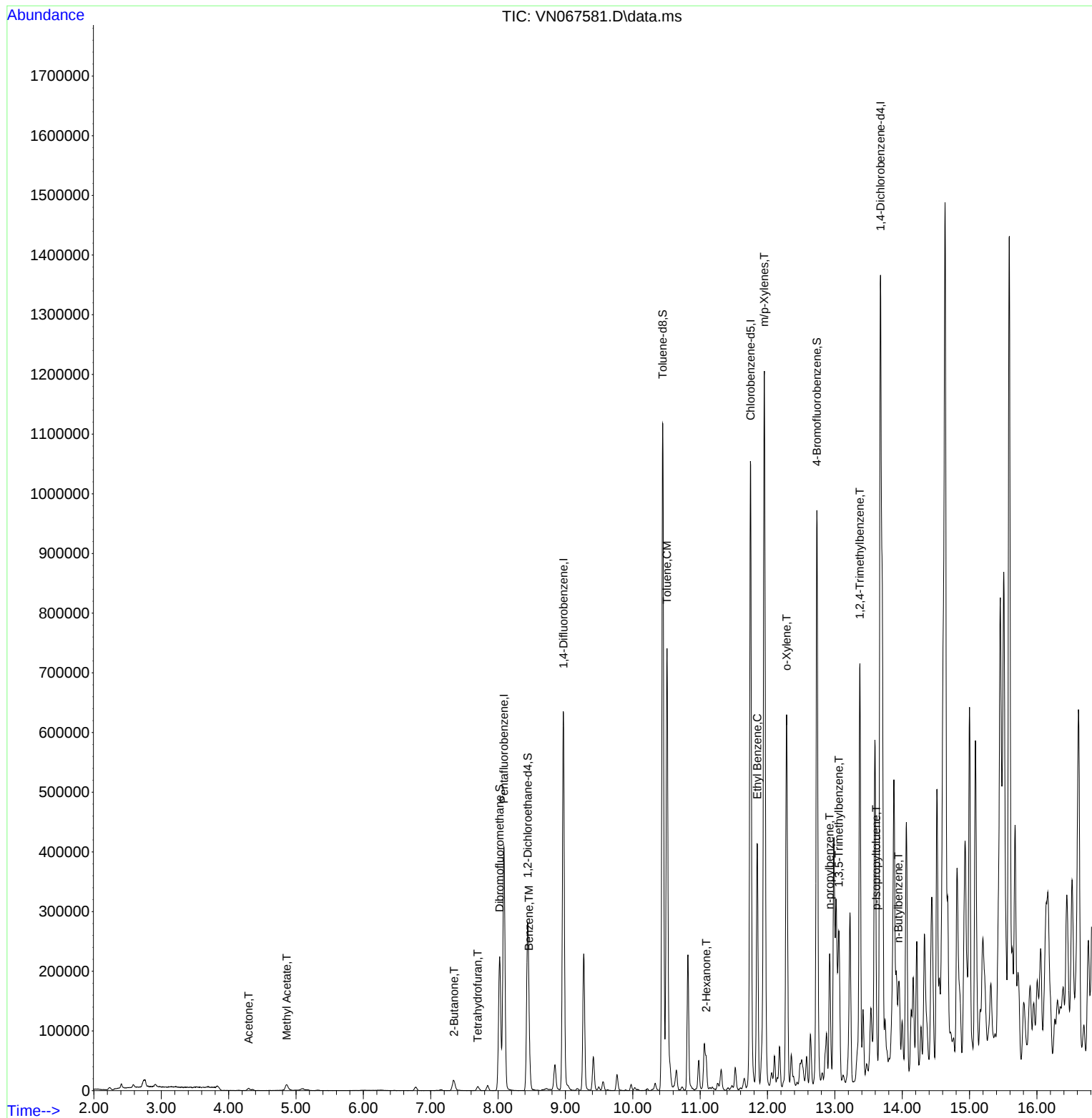
Internal Standards						
1) Pentafluorobenzene	8.088	168	288789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	539811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	586366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	339144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220853	55.879	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.760%			
35) Dibromofluoromethane	8.024	113	159045	47.521	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.040%			
50) Toluene-d8	10.443	98	772740	56.838	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.680%			
62) 4-Bromofluorobenzene	12.733	95	329555	69.396	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 138.800%#			
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	7074	5.426	ug/l #	84
18) Methyl Acetate	4.865	43	19384	5.574	ug/l	94
25) 2-Butanone	7.345	43	22396	11.140	ug/l	100
29) Tetrahydrofuran	7.697	42	4764	3.559	ug/l	92
40) Benzene	8.458	78	42959	2.911	ug/l	98
52) Toluene	10.507	92	322410	33.444	ug/l	99
59) 2-Hexanone	11.089	43	48247	14.818	ug/l	81
67) Ethyl Benzene	11.848	91	298653	13.751	ug/l	99
68) m/p-Xylenes	11.953	106	318006	38.032	ug/l	88
69) o-Xylene	12.283	106	161744	19.530	ug/l	86
78) n-propylbenzene	12.921	91	122926	3.867	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	105940	4.533	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	398000	17.295	ug/l	95
86) p-Isopropyltoluene	13.613	119	59593	2.658	ug/l	87
89) n-Butylbenzene	13.943	91	69404	3.753	ug/l #	85

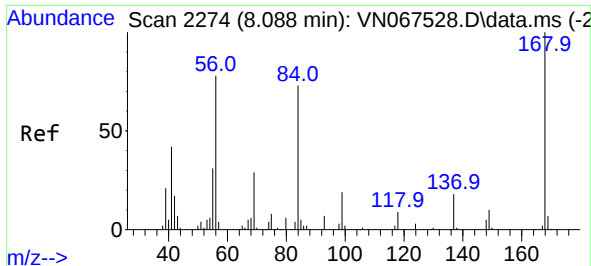
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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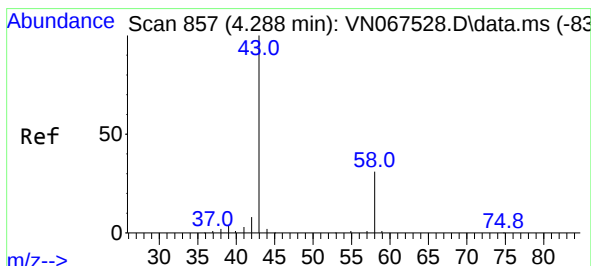
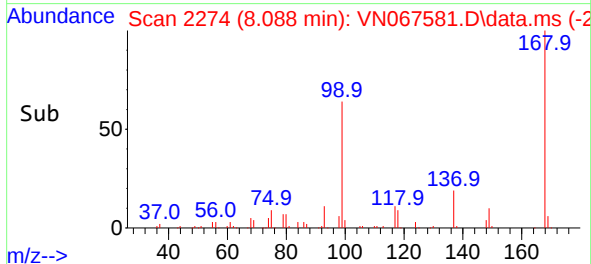
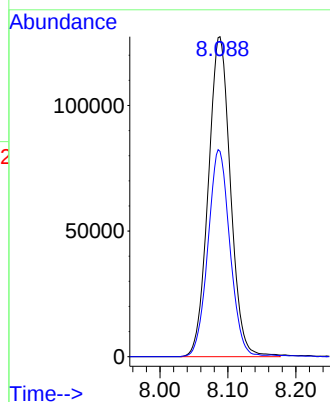
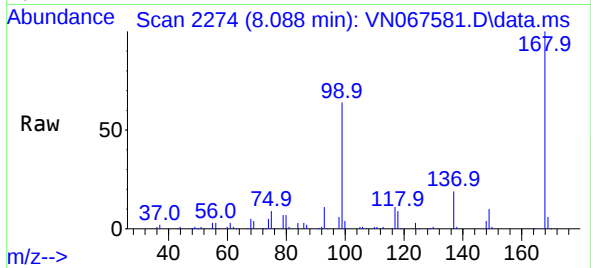




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

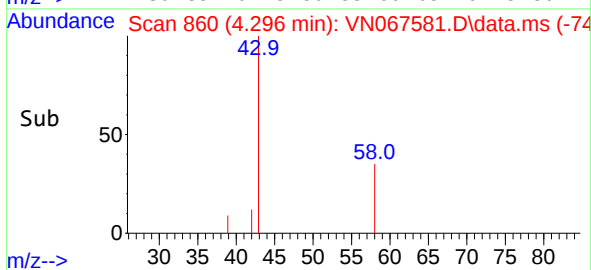
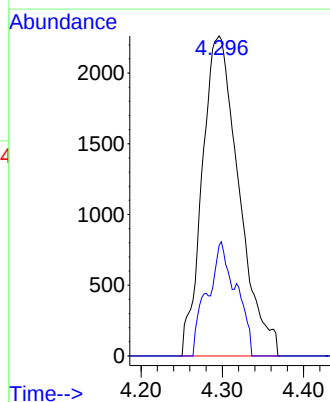
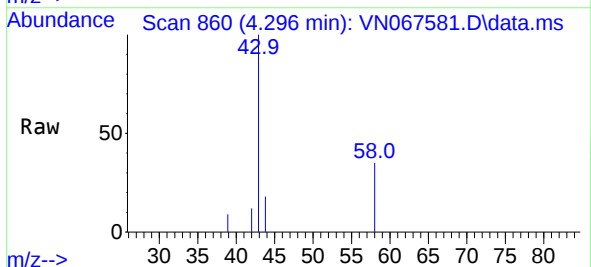
Instrument :
MSVOA_N
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FS-02

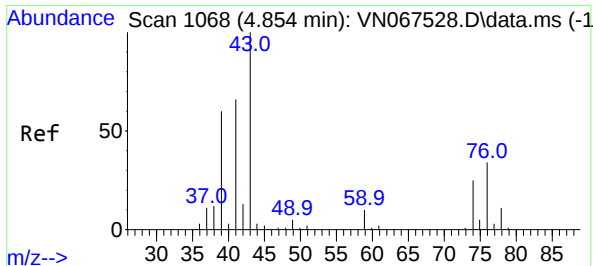
Tgt Ion:168 Resp: 288789
Ion Ratio Lower Upper
168 100
99 64.2 62.9 94.3



#16
Acetone
Concen: 5.426 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 43 Resp: 7074
Ion Ratio Lower Upper
43 100
58 34.5 21.2 31.8#

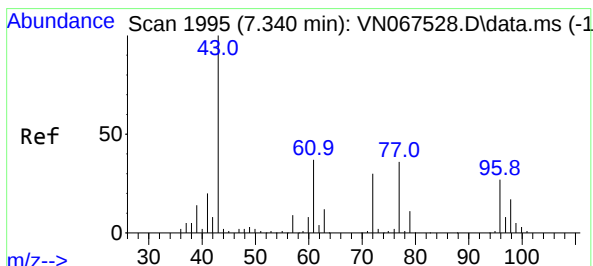
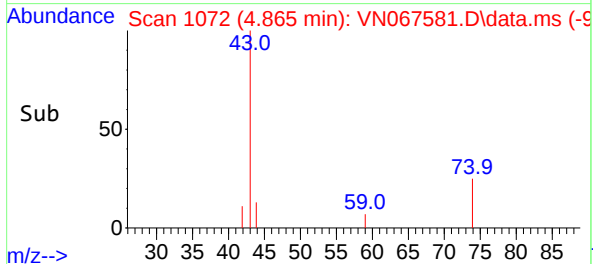
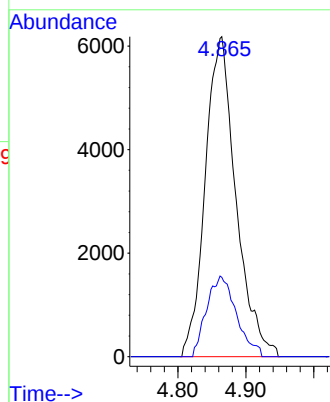
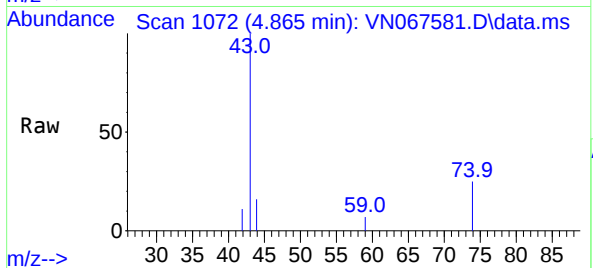




#18
Methyl Acetate
Concen: 5.574 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

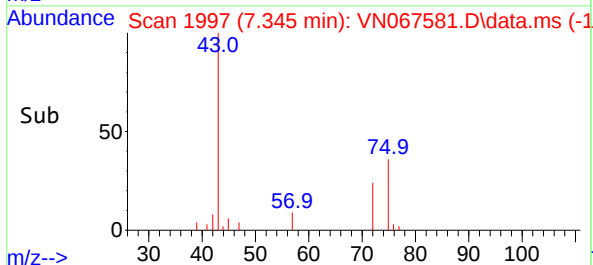
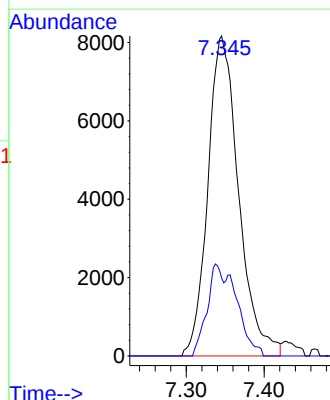
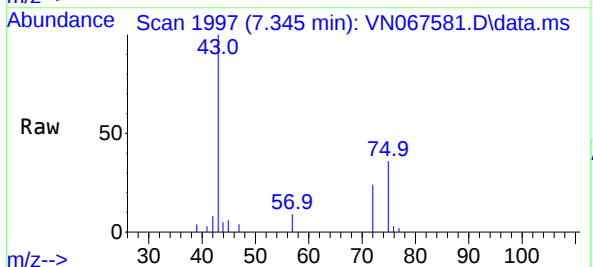
Instrument :
MSVOA_N
ClientSampled :
FS-02

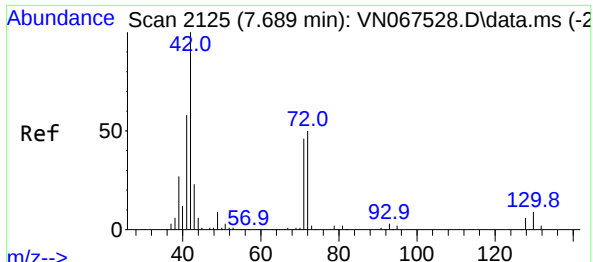
Tgt Ion: 43 Resp: 19384
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0



#25
2-Butanone
Concen: 11.140 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 43 Resp: 22396
Ion Ratio Lower Upper
43 100
72 24.4 19.7 29.5



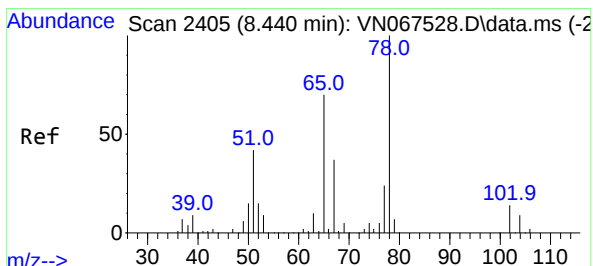
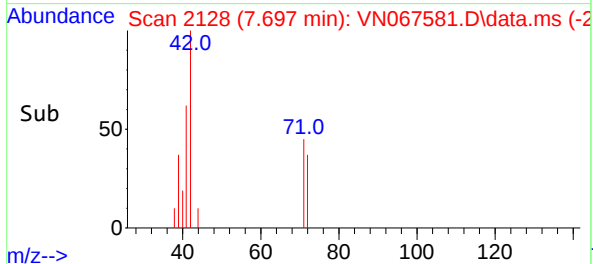
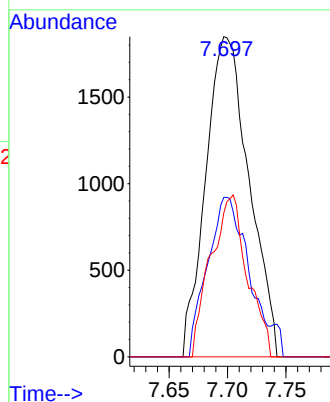
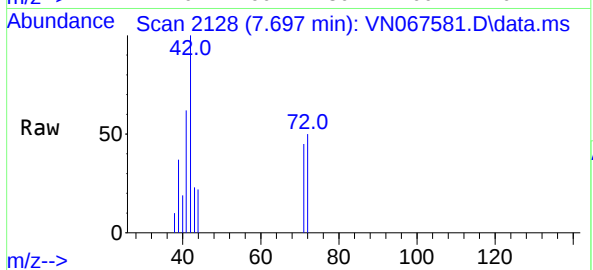


#29
Tetrahydrofuran
Concen: 3.559 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.008 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Instrument :
MSVOA_N
ClientSampled :
FS-02

Tgt Ion: 42 Resp: 4764

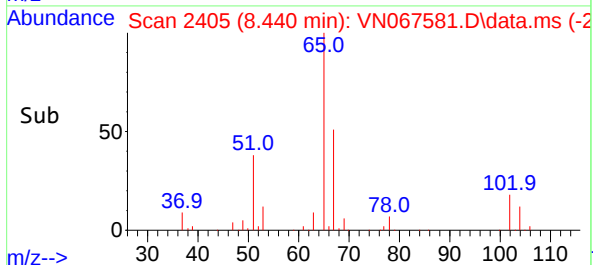
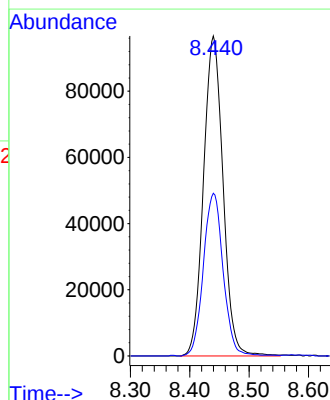
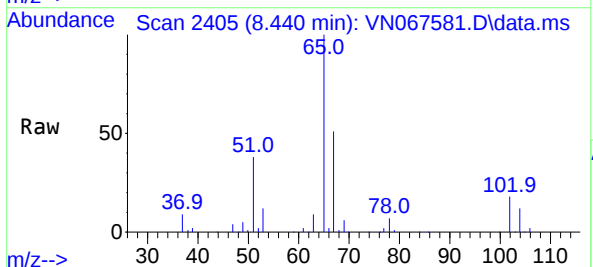
Ion	Ratio	Lower	Upper
42	100		
72	47.0	32.8	49.2
71	42.8	31.2	46.8

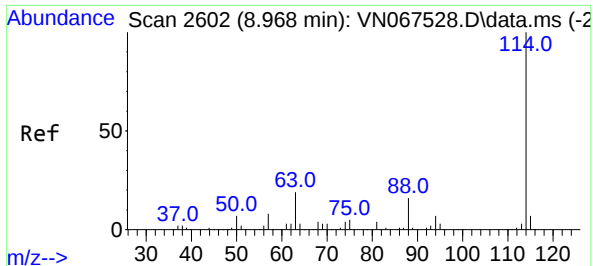


#33
1,2-Dichloroethane-d4
Concen: 55.879 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 65 Resp: 220853

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	98.6

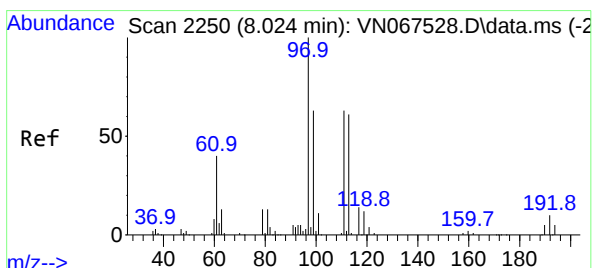
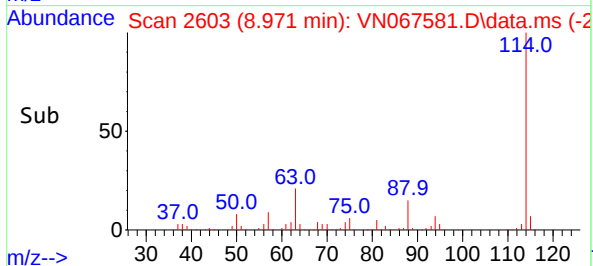
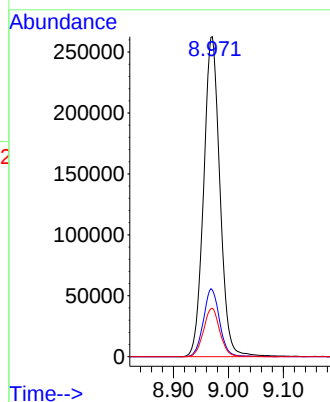
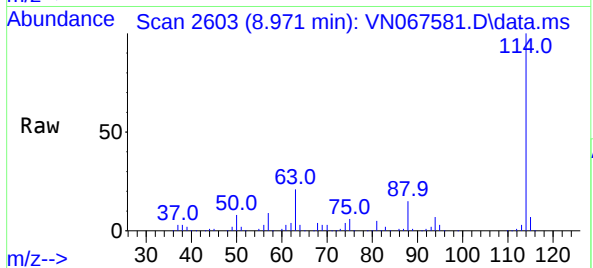




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

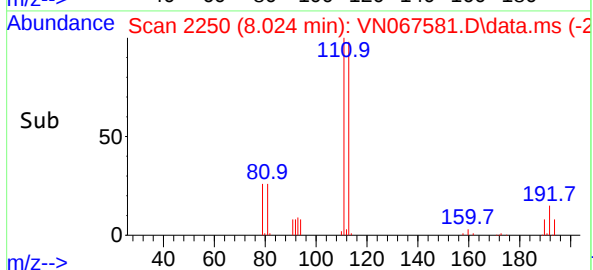
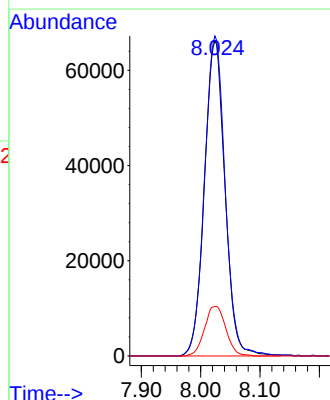
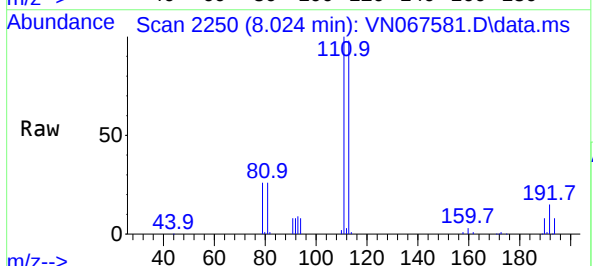
Instrument :
MSVOA_N
ClientSampleId :
FS-02

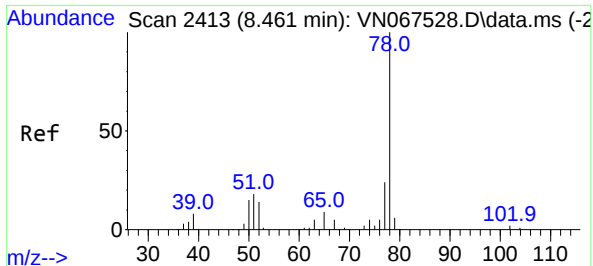
Tgt Ion:114 Resp: 539811
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion:113 Resp: 159045
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 16.4 13.4 20.0

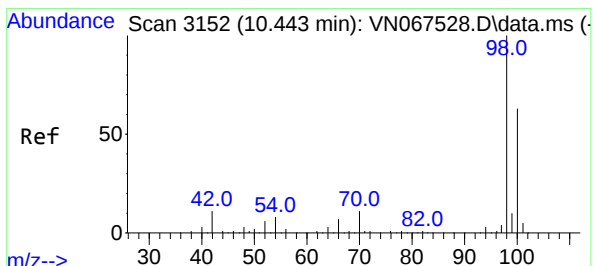
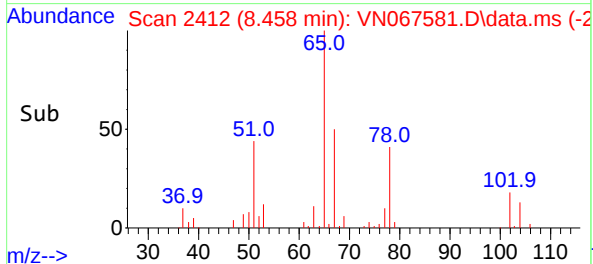
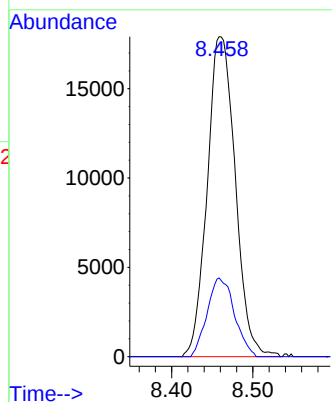
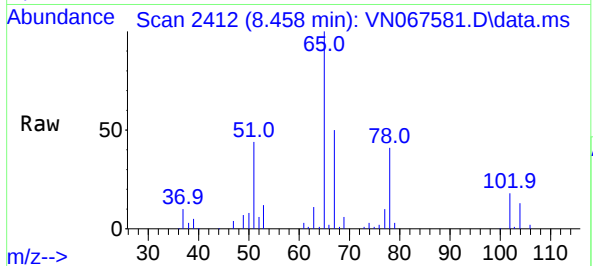




#40
Benzene
Concen: 2.911 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

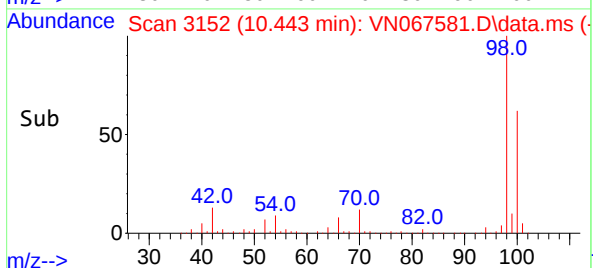
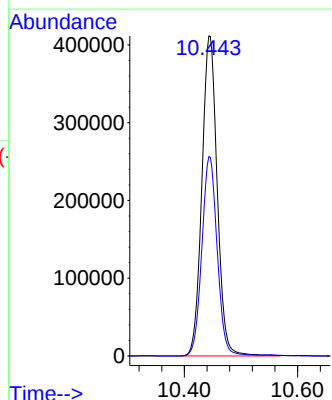
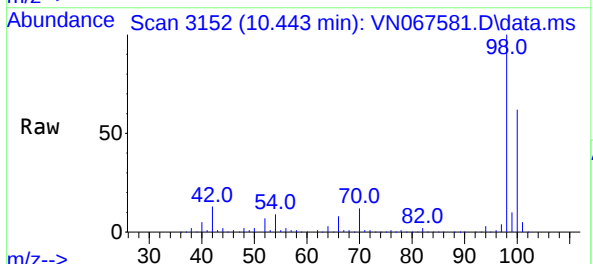
Instrument :
MSVOA_N
ClientSampled :
FS-02

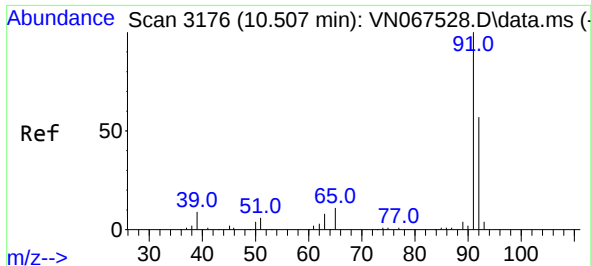
Tgt Ion: 78 Resp: 42959
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3



#50
Toluene-d8
Concen: 56.838 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 98 Resp: 772740
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5

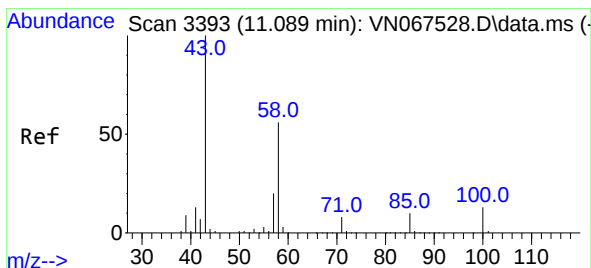
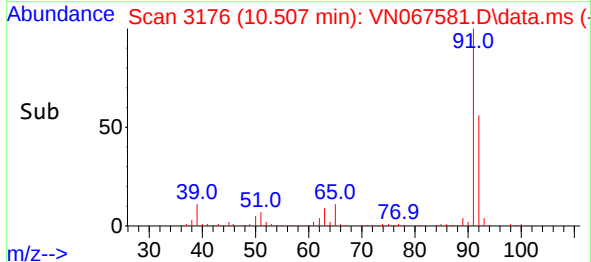
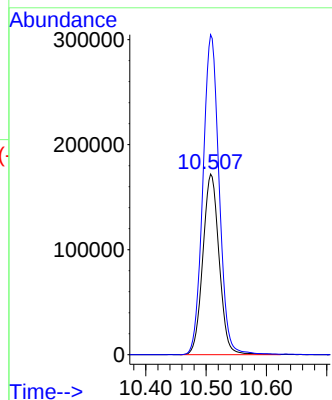
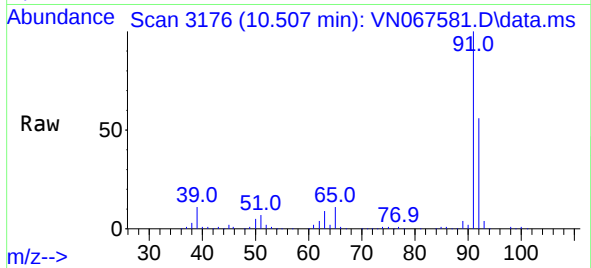




#52
Toluene
Concen: 33.444 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

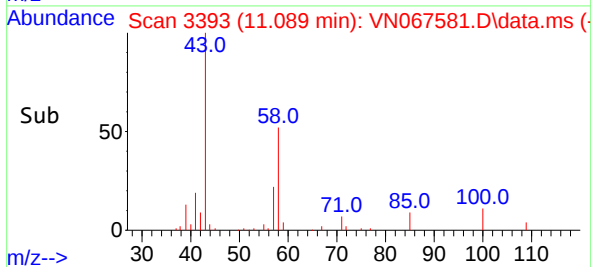
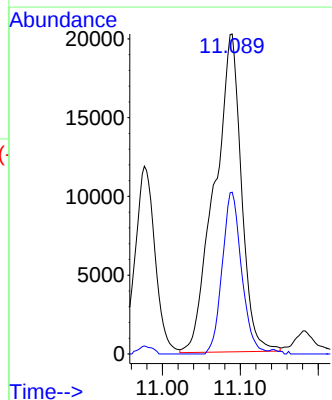
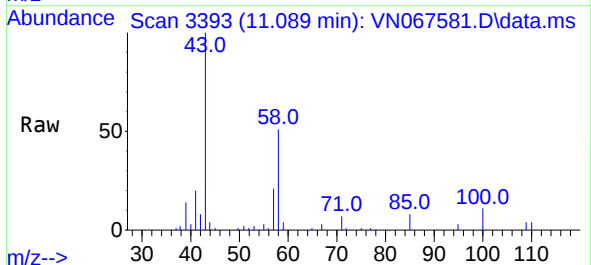
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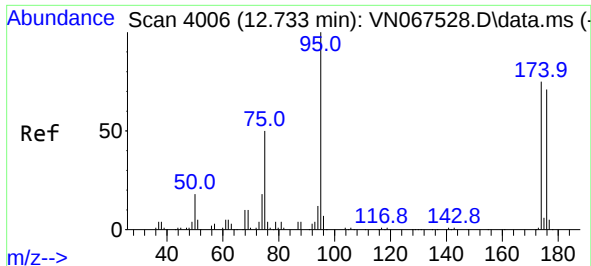
Tgt Ion: 92 Resp: 322410
Ion Ratio Lower Upper
92 100
91 176.6 139.6 209.4



#59
2-Hexanone
Concen: 14.818 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 43 Resp: 48247
Ion Ratio Lower Upper
43 100
58 36.7 24.7 74.1

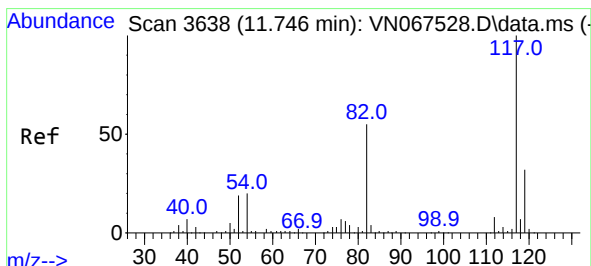
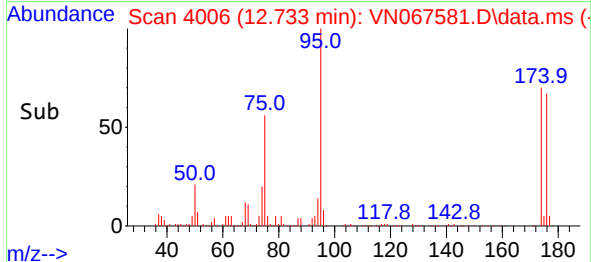
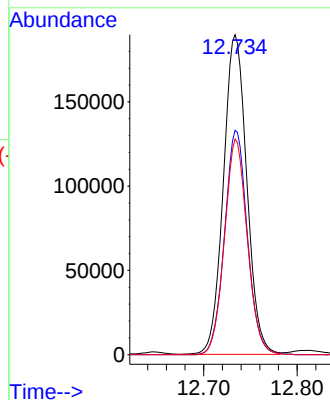
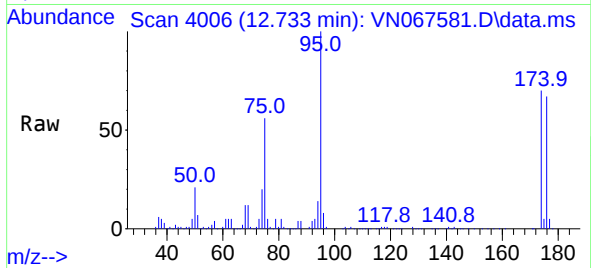




#62
4-Bromofluorobenzene
Concen: 69.396 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

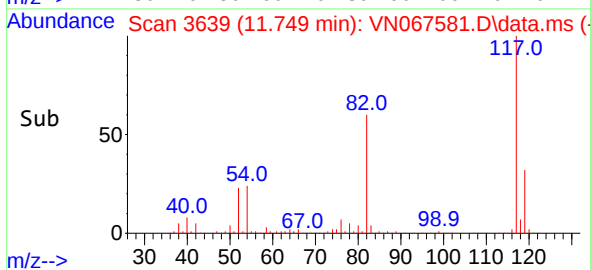
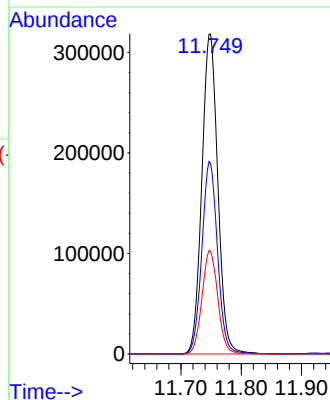
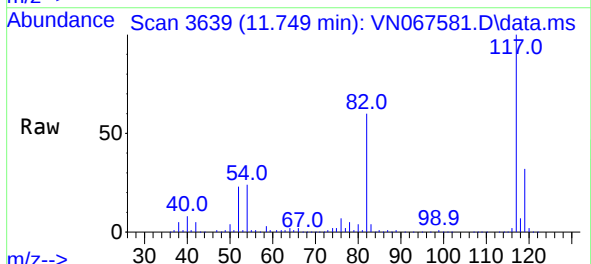
Instrument :
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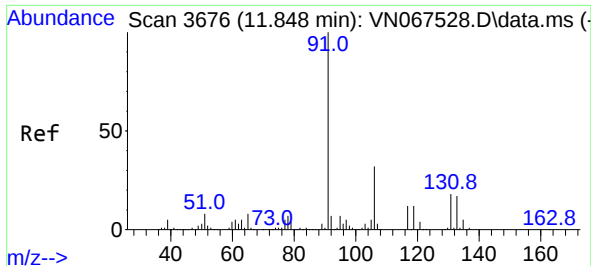
Tgt Ion: 95 Resp: 329555
Ion Ratio Lower Upper
95 100
174 68.5 0.0 122.0
176 65.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 117 Resp: 586366
Ion Ratio Lower Upper
117 100
82 59.6 53.1 79.7
119 32.1 25.5 38.3

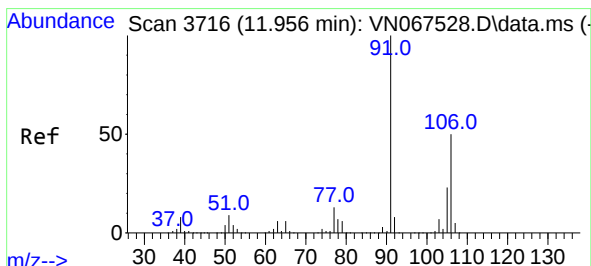
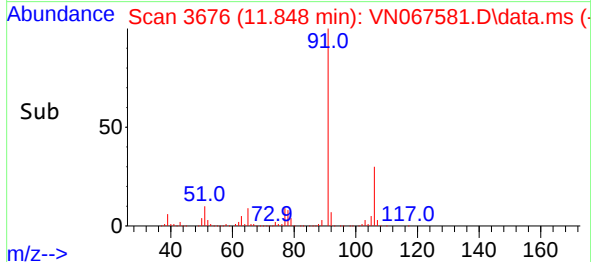
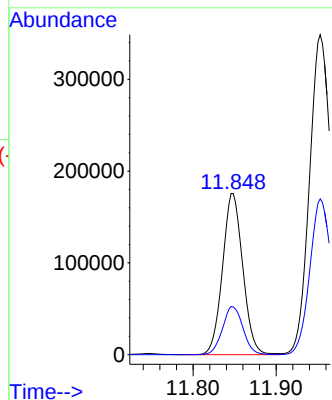
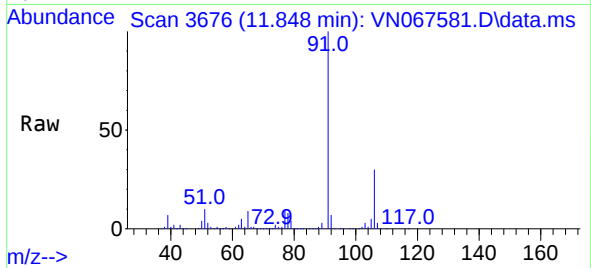




#67
Ethyl Benzene
Concen: 13.751 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

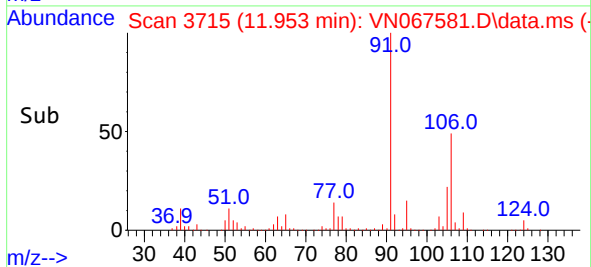
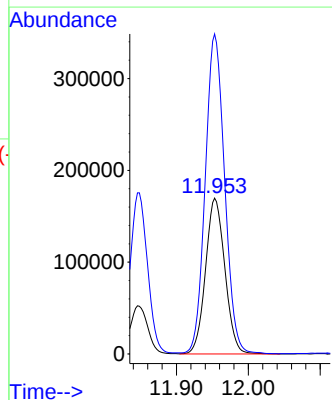
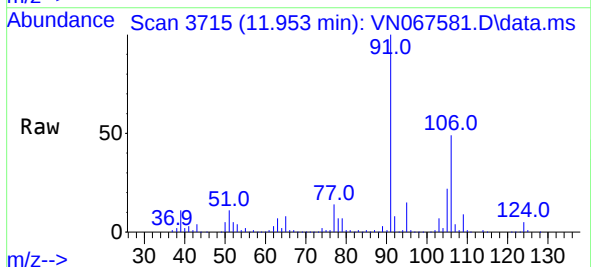
Instrument :
MSVOA_N
ClientSampled :
FS-02

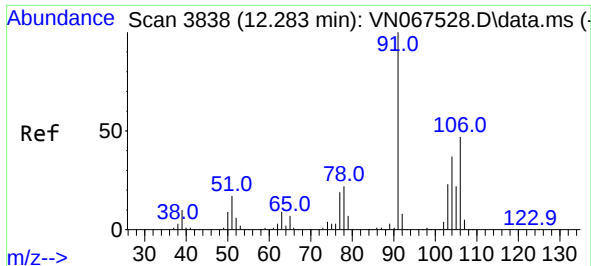
Tgt Ion: 91 Resp: 298653
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.0



#68
m/p-Xylenes
Concen: 38.032 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion: 106 Resp: 318006
Ion Ratio Lower Upper
106 100
91 205.6 180.6 270.8

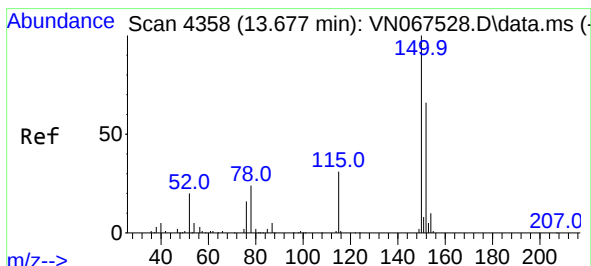
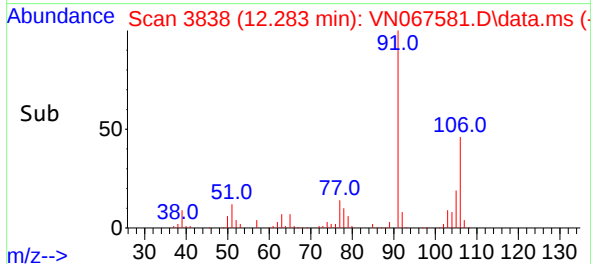
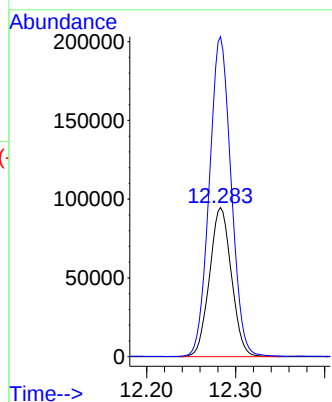
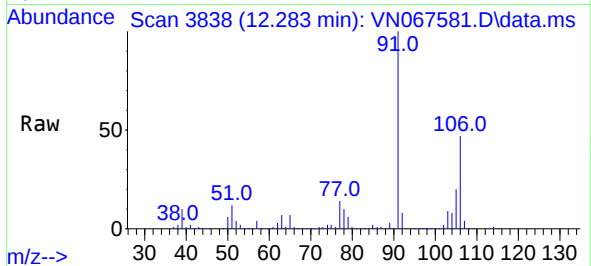




#69
o-Xylene
Concen: 19.530 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

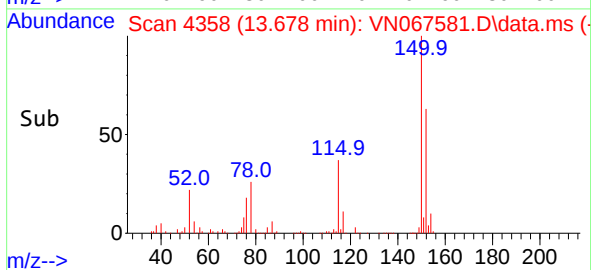
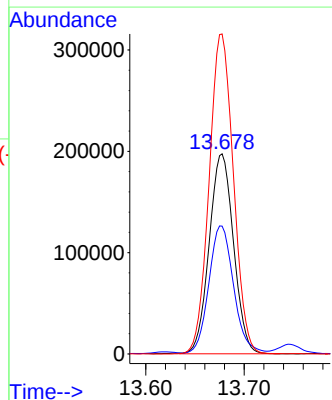
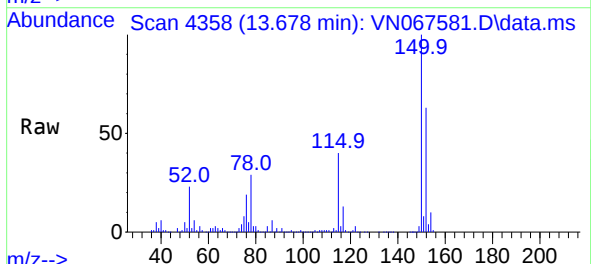
Instrument :
MSVOA_N
ClientSampled :
FS-02

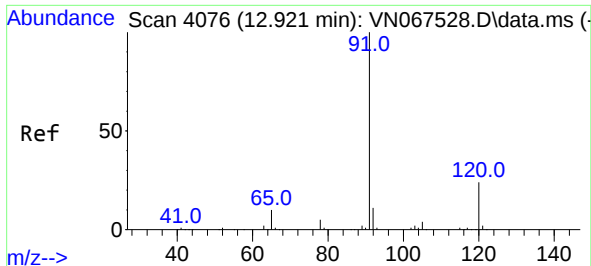
Tgt Ion:106 Resp: 161744
Ion Ratio Lower Upper
106 100
91 213.8 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion:152 Resp: 339144
Ion Ratio Lower Upper
152 100
115 64.4 36.1 108.5
150 159.7 0.0 351.8

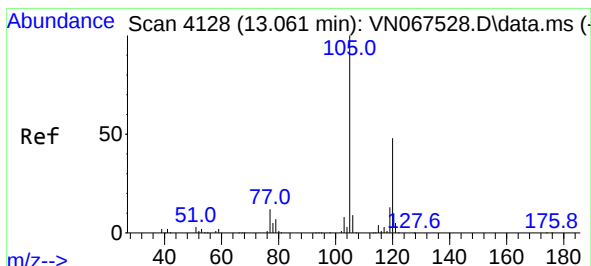
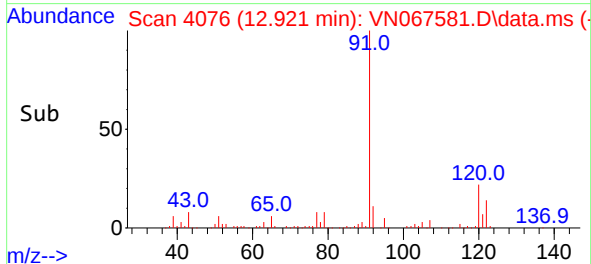
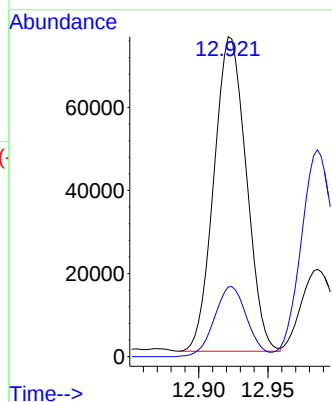
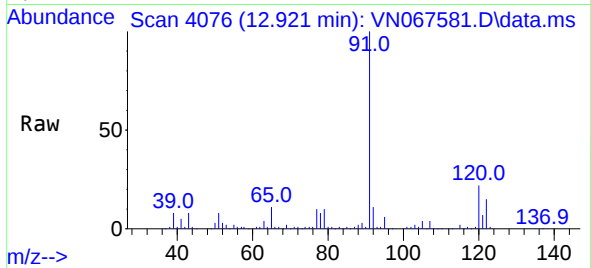




#78
n-propylbenzene
Concen: 3.867 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

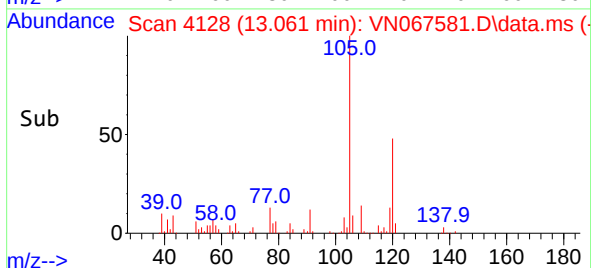
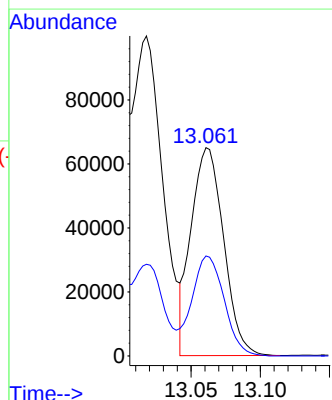
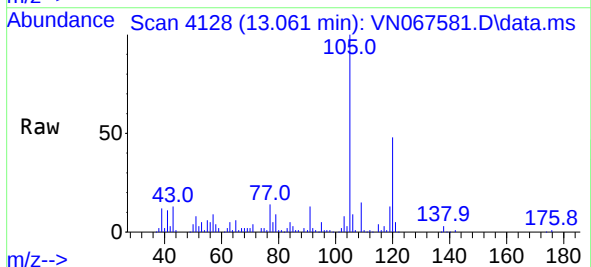
Instrument :
MSVOA_N
ClientSampled :
FS-02

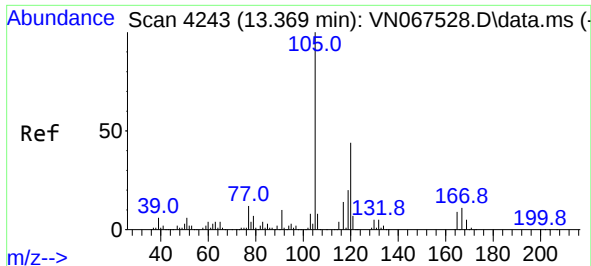
Tgt Ion: 91 Resp: 122926
Ion Ratio Lower Upper
91 100
120 22.5 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 4.533 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

Tgt Ion:105 Resp: 105940
Ion Ratio Lower Upper
105 100
120 48.4 22.2 66.6

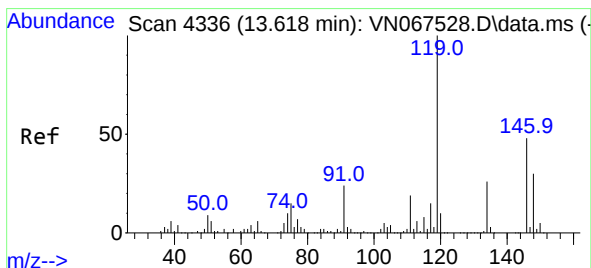
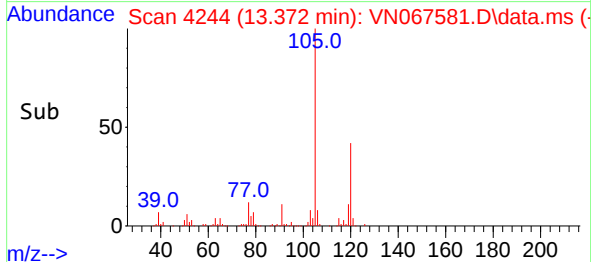
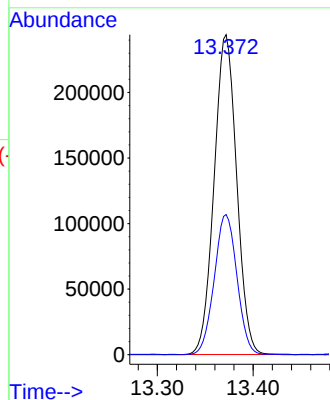
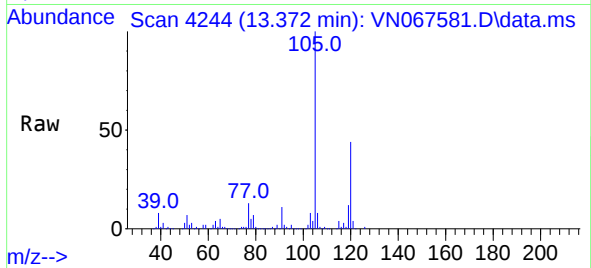




#84
1,2,4-Trimethylbenzene
Concen: 17.295 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

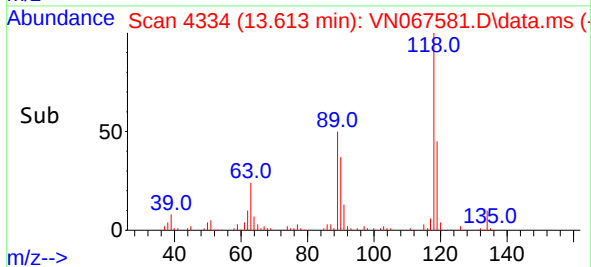
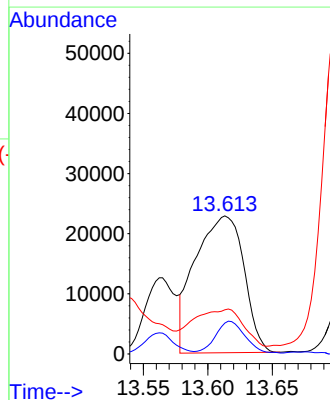
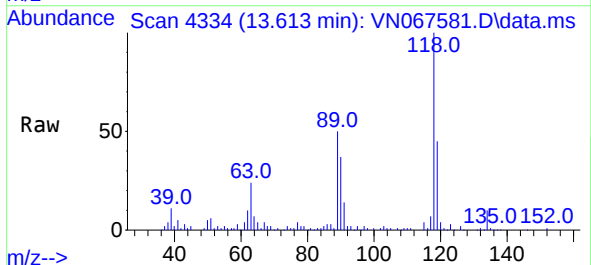
Instrument :
MSVOA_N
ClientSampled :
FS-02

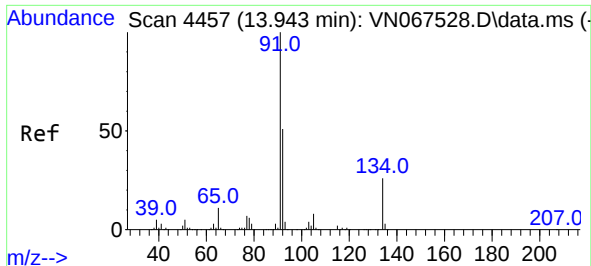
Tgt Ion:105 Resp: 398000
Ion Ratio Lower Upper
105 100
120 44.2 20.6 61.8



#86
p-Isopropyltoluene
Concen: 2.658 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.005 min
Lab File: VN067581.D
Acq: 30 Jun 2021 18:55

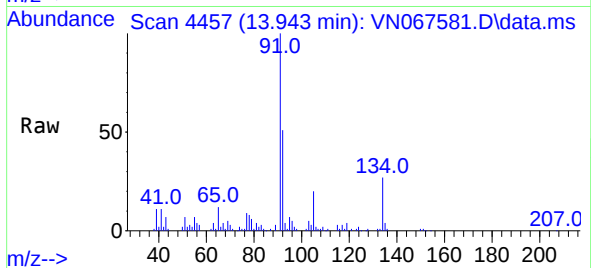
Tgt Ion:119 Resp: 59593
Ion Ratio Lower Upper
119 100
134 13.9 12.4 37.4
91 27.0 14.8 44.3





#89
 n-Butylbenzene
 Concen: 3.753 ug/l
 RT: 13.943 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: VN067581.D
 Acq: 30 Jun 2021 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-02



Tgt Ion: 91 Resp: 69404

Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.7	77.1
134	0.0	11.2	33.6#

