

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072193.D
 Acq On : 25 Apr 2022 20:42
 Operator : JC\MD
 Sample : N2524-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33659

Quant Time: Apr 26 05:42:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

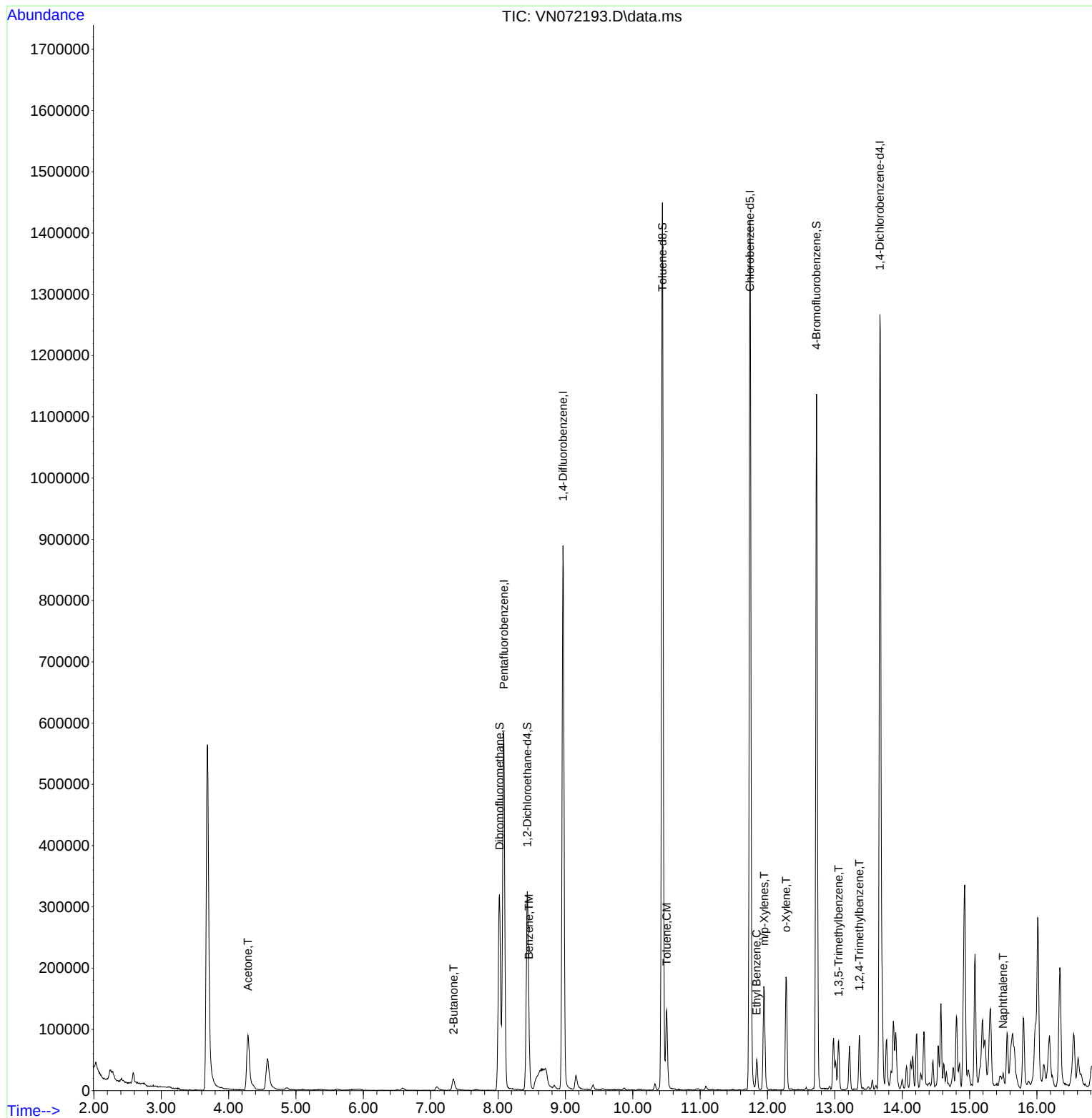
Internal Standards						
1) Pentafluorobenzene	8.086	168	503748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	862881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	930803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	396852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	254501	44.254	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.500%		
35) Dibromofluoromethane	8.022	113	241600	47.582	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.160%		
50) Toluene-d8	10.439	98	1075540	51.781	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.560%		
62) 4-Bromofluorobenzene	12.727	95	404690	60.242	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	120.480%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	166840	67.884	ug/l	94
25) 2-Butanone	7.339	43	31147	8.791	ug/l	93
40) Benzene	8.457	78	36287	1.620	ug/l	94
52) Toluene	10.504	92	59403	4.195	ug/l	93
67) Ethyl Benzene	11.839	91	35902	1.138	ug/l	98
68) m/p-Xylenes	11.951	106	60063	4.955	ug/l	97
69) o-Xylene	12.274	106	56342	4.682	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	39793	1.502	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	53861	2.083	ug/l	97
95) Naphthalene	15.498	128	12860	4.460	ug/l #	88

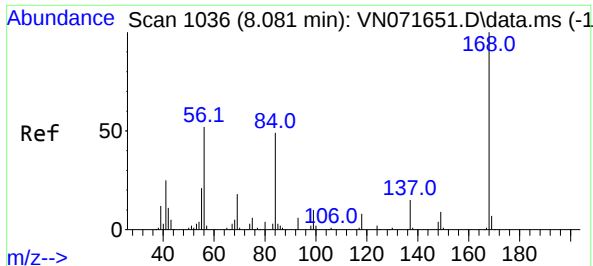
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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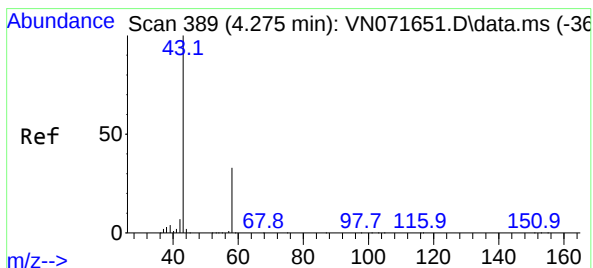
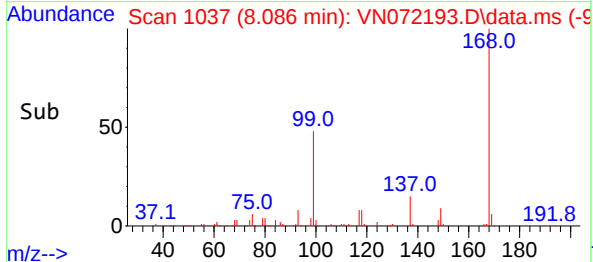
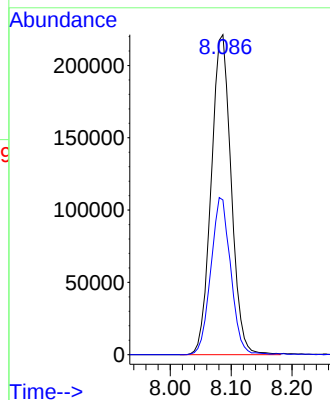
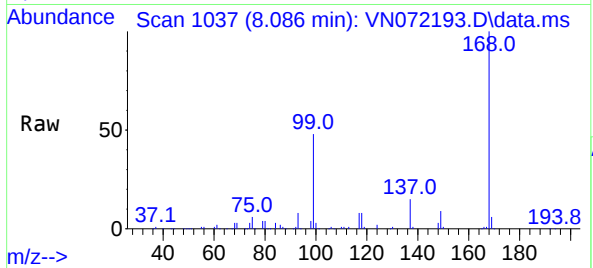




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

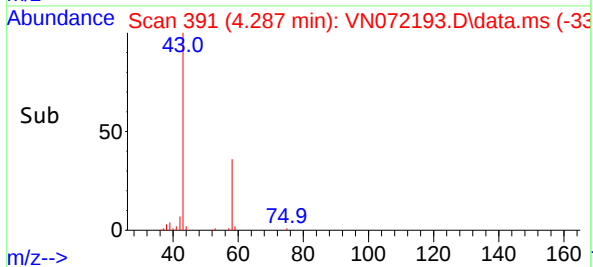
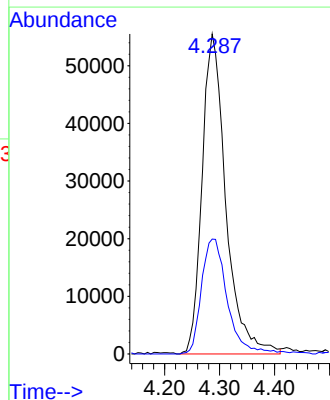
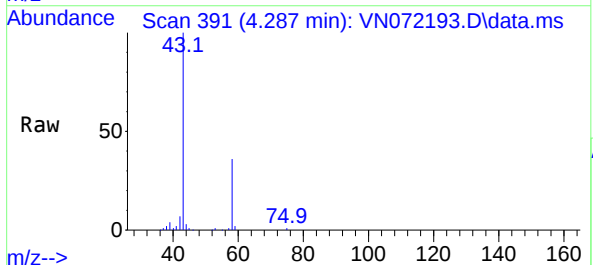
Instrument :
MSVOA_N
ClientSampleId :
33659

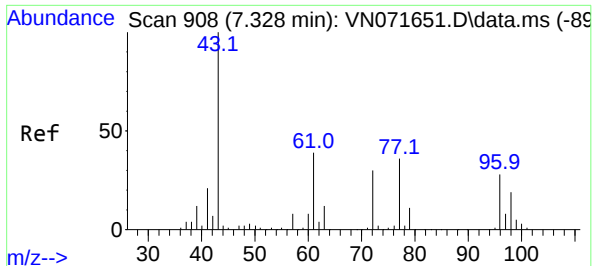
Tgt Ion:168 Resp: 503748
Ion Ratio Lower Upper
168 100
99 48.4 42.3 63.5



#16
Acetone
Concen: 67.884 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion: 43 Resp: 166840
Ion Ratio Lower Upper
43 100
58 35.9 26.0 39.0





#25

2-Butanone

Concen: 8.791 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072193.D

Acq: 25 Apr 2022 20:42

Instrument :

MSVOA_N

ClientSampleId :

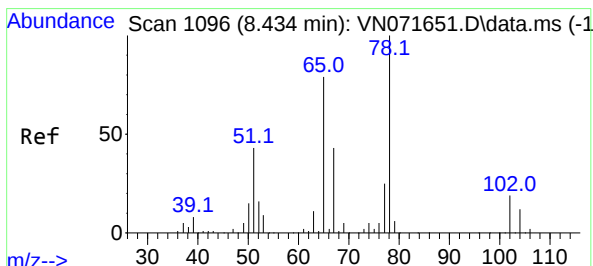
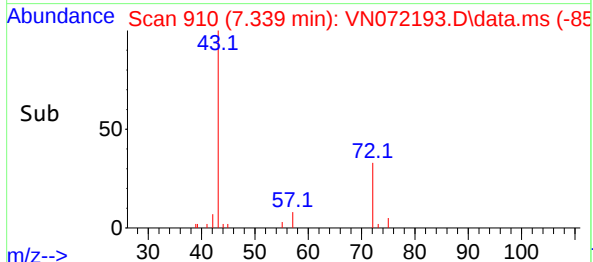
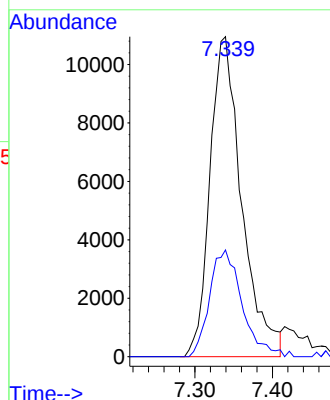
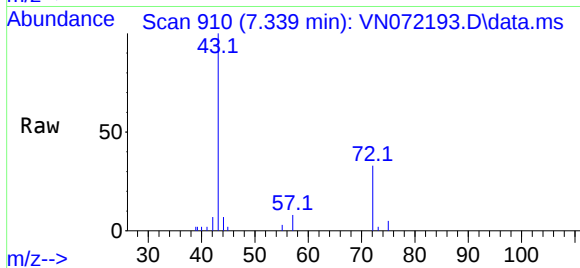
33659

Tgt Ion: 43 Resp: 31147

Ion Ratio Lower Upper

43 100

72 33.3 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 44.254 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072193.D

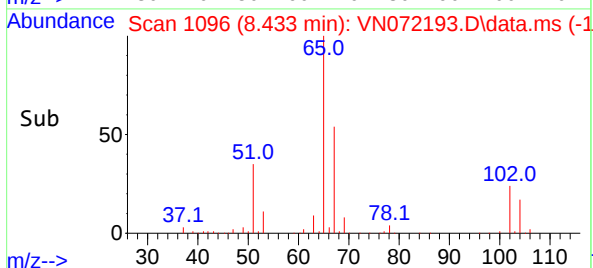
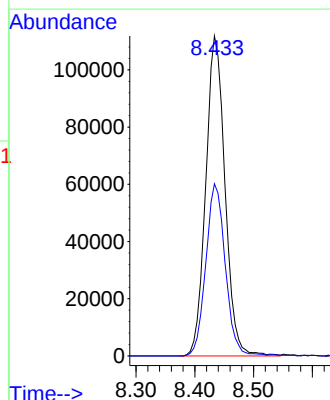
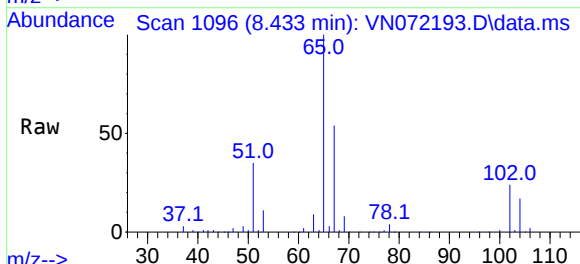
Acq: 25 Apr 2022 20:42

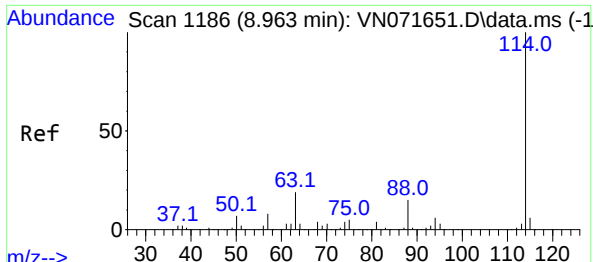
Tgt Ion: 65 Resp: 254501

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8



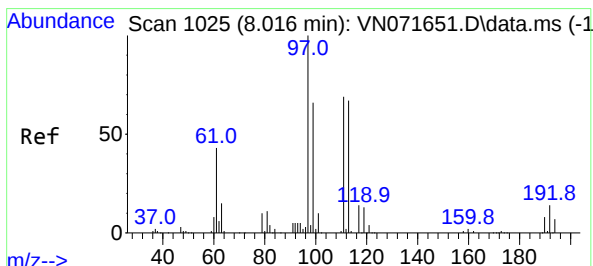
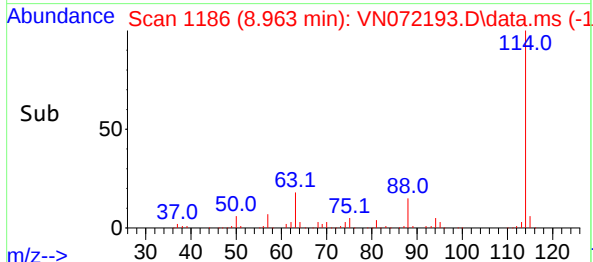
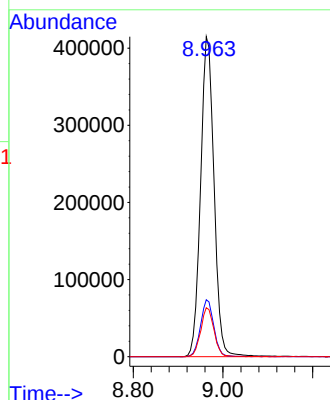
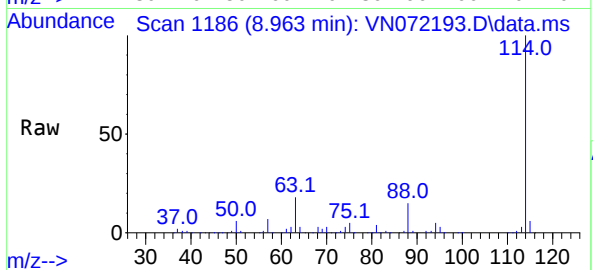


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Instrument :
MSVOA_N
ClientSampleId :
33659

Tgt Ion:114 Resp: 862881

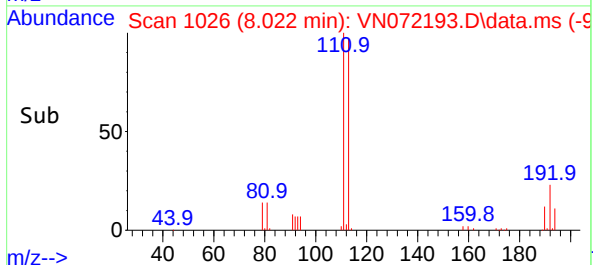
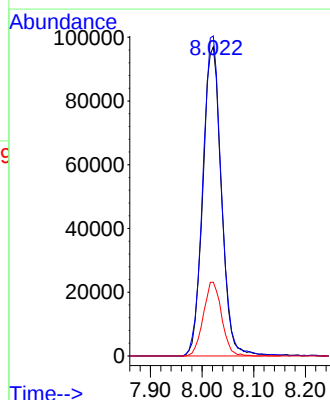
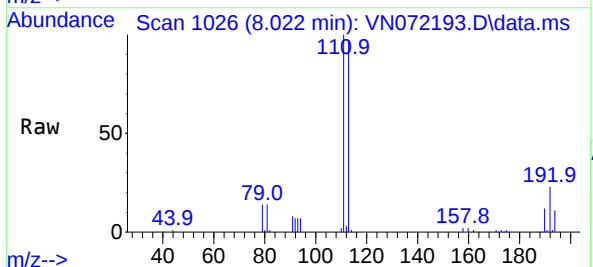
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	40.0
88	15.3	0.0	32.6

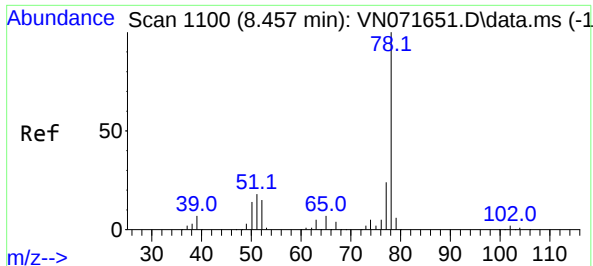


#35
Dibromofluoromethane
Concen: 47.582 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion:113 Resp: 241600

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	23.5	17.0	25.6

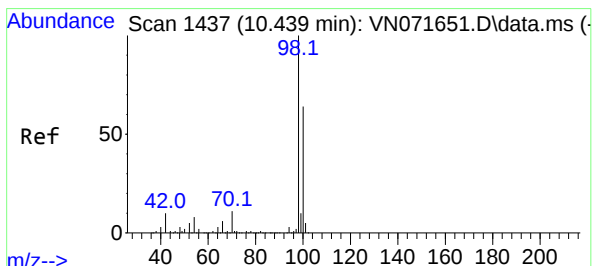
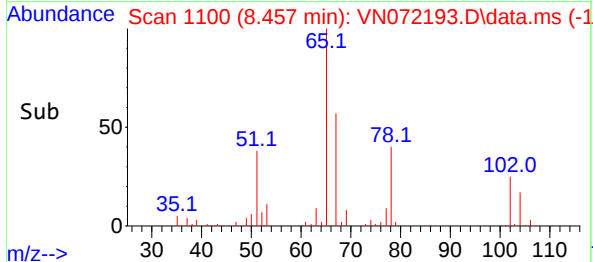
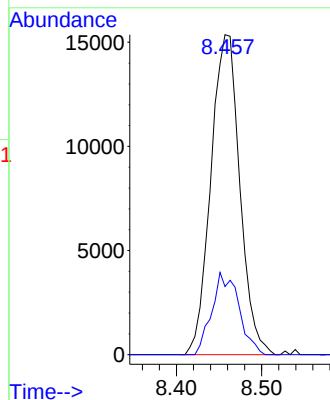
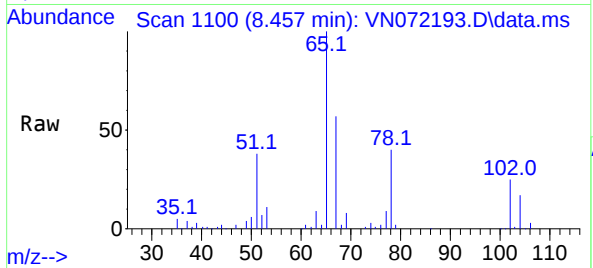




#40
Benzene
Concen: 1.620 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

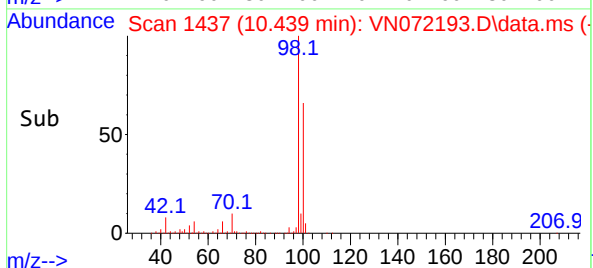
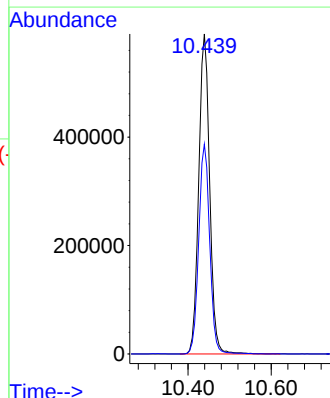
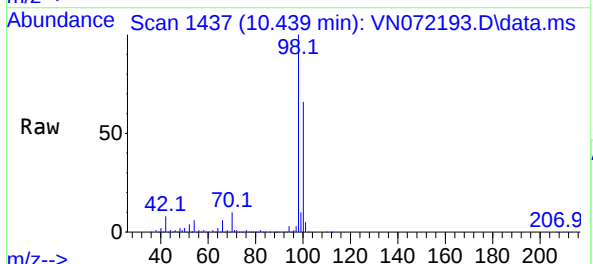
Instrument :
MSVOA_N
ClientSampleId :
33659

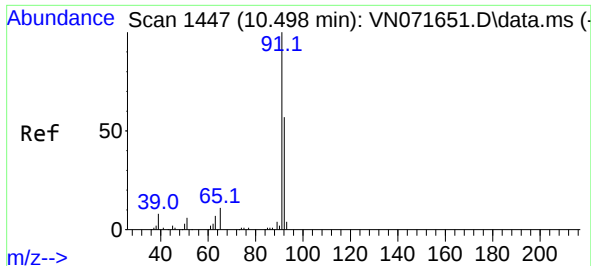
Tgt Ion: 78 Resp: 36287
Ion Ratio Lower Upper
78 100
77 21.3 19.4 29.0



#50
Toluene-d8
Concen: 51.781 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion: 98 Resp: 1075540
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

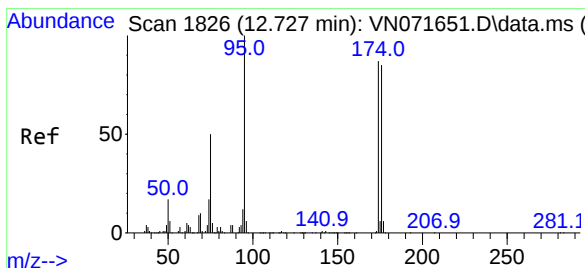
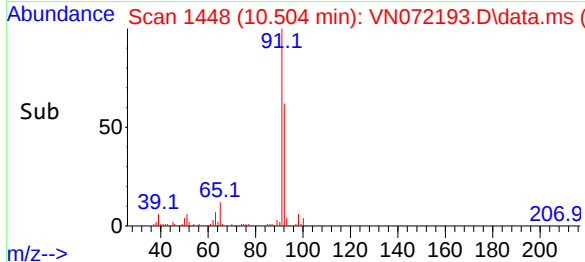
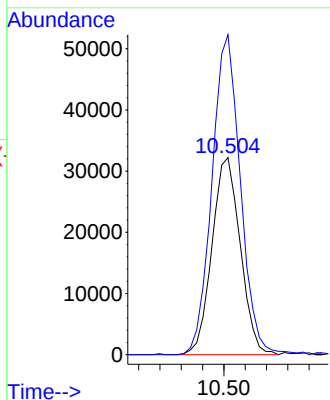
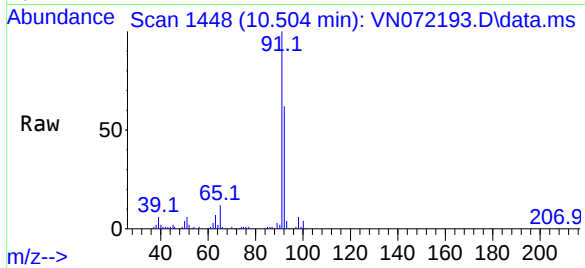




#52
Toluene
Concen: 4.195 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

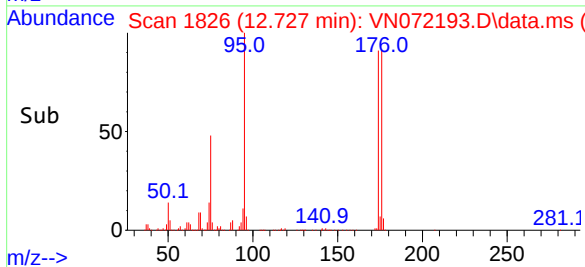
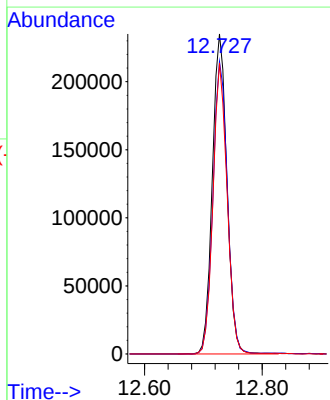
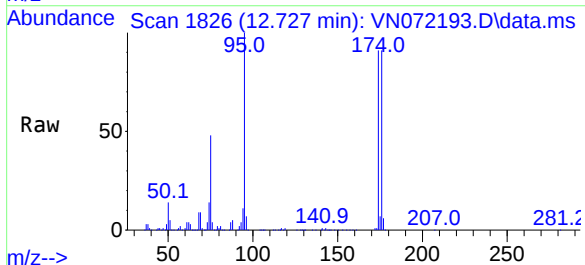
Instrument :
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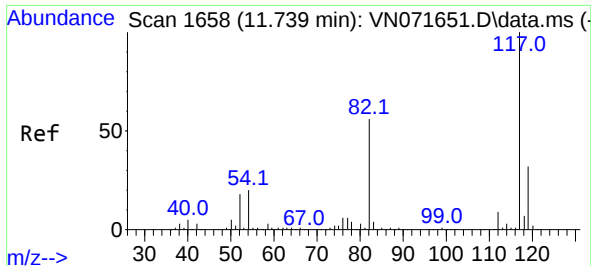
Tgt Ion: 92 Resp: 59403
Ion Ratio Lower Upper
92 100
91 163.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 60.242 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion: 95 Resp: 404690
Ion Ratio Lower Upper
95 100
174 91.1 0.0 167.6
176 88.1 0.0 163.4

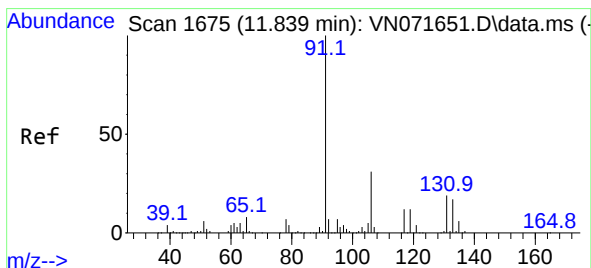
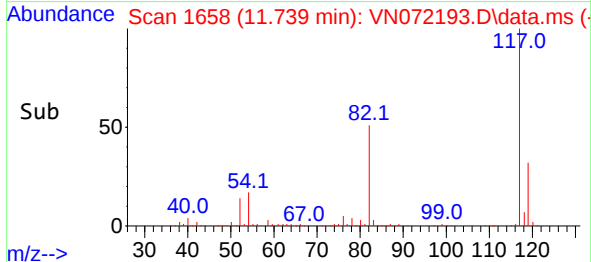
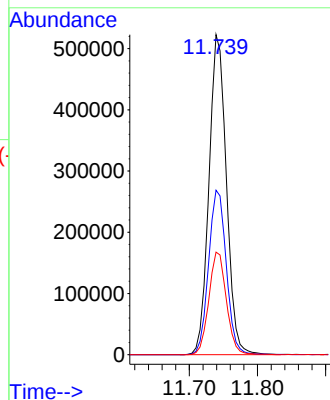
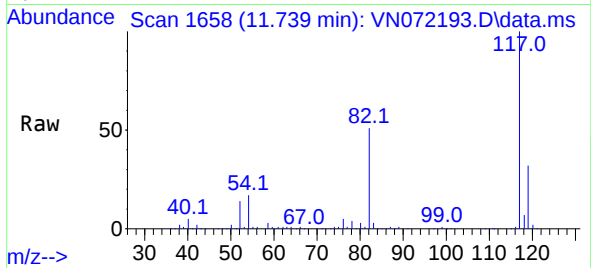




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

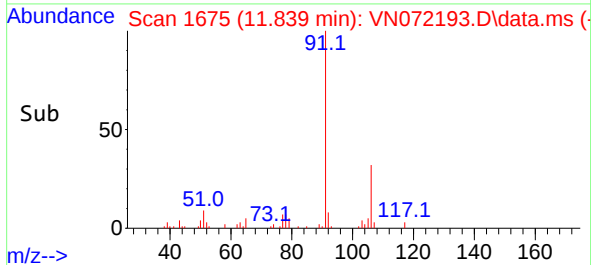
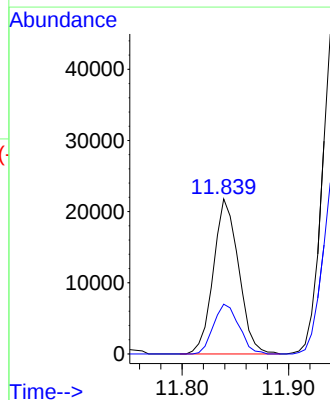
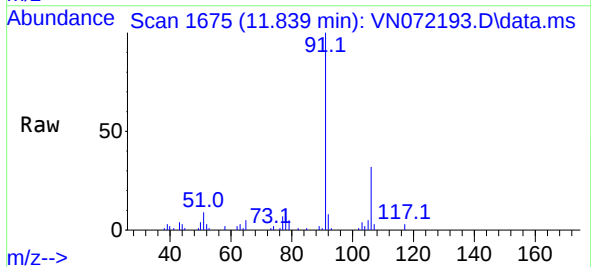
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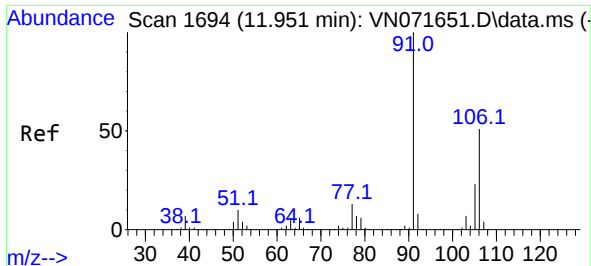
Tgt Ion:117 Resp: 930803
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 1.138 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion: 91 Resp: 35902
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

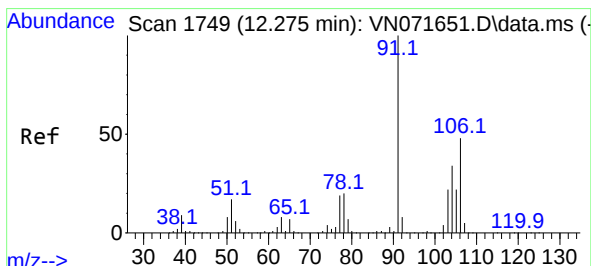
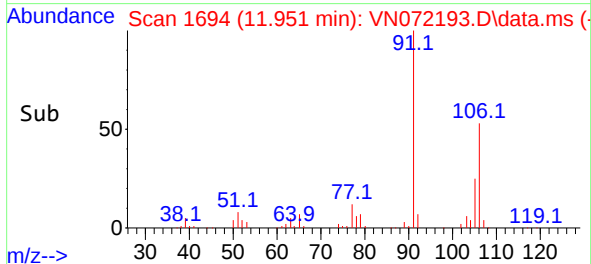
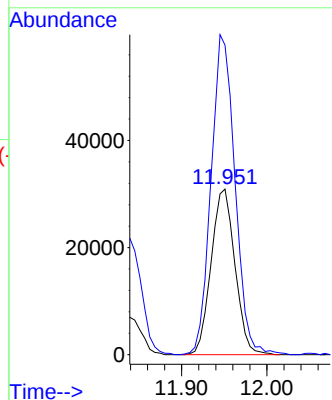
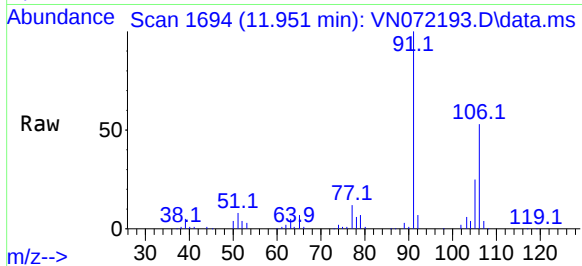




#68
m/p-Xylenes
Concen: 4.955 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

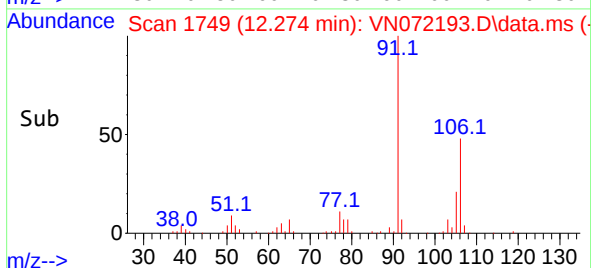
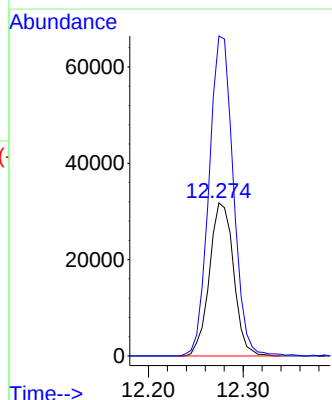
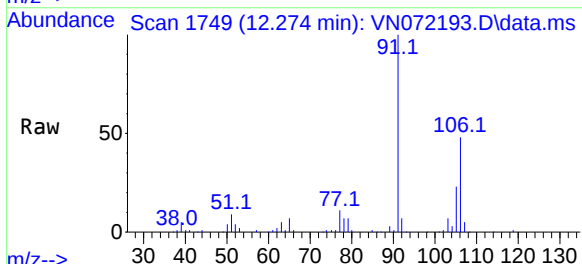
Instrument :
MSVOA_N
ClientSampleId :
33659

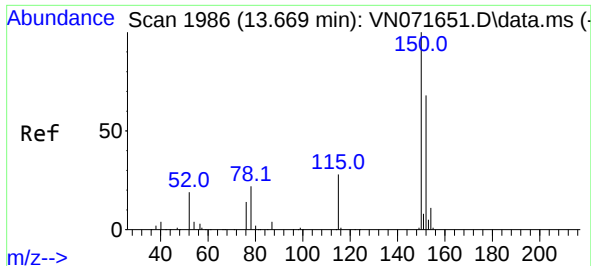
Tgt Ion:106 Resp: 60063
Ion Ratio Lower Upper
106 100
91 193.7 158.9 238.3



#69
o-Xylene
Concen: 4.682 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion:106 Resp: 56342
Ion Ratio Lower Upper
106 100
91 210.3 106.0 318.0

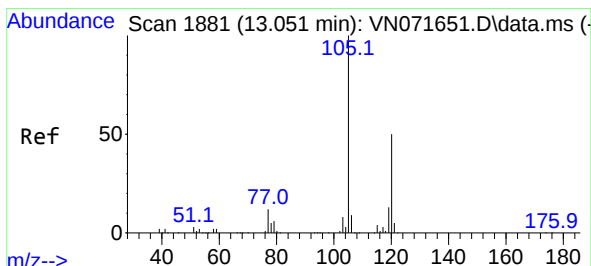
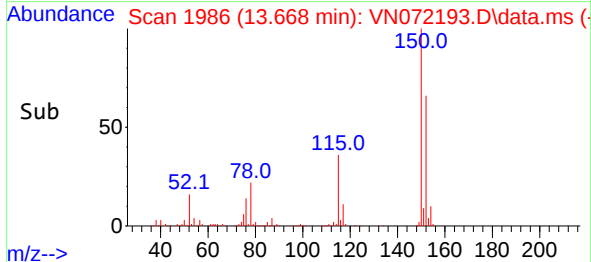
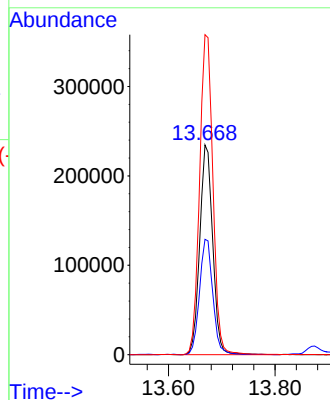
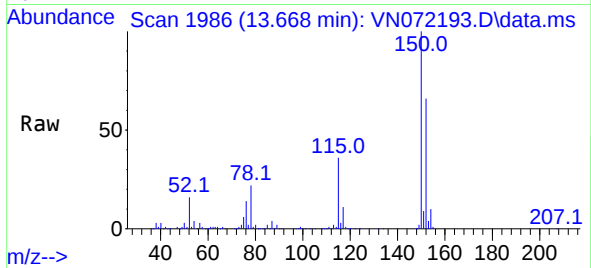




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072193.D
 Acq: 25 Apr 2022 20:42

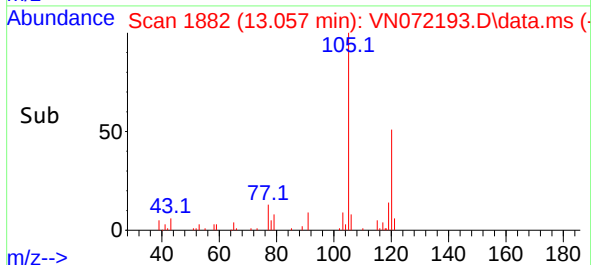
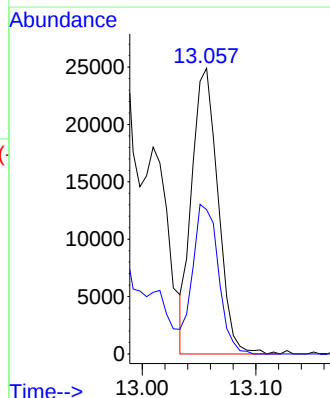
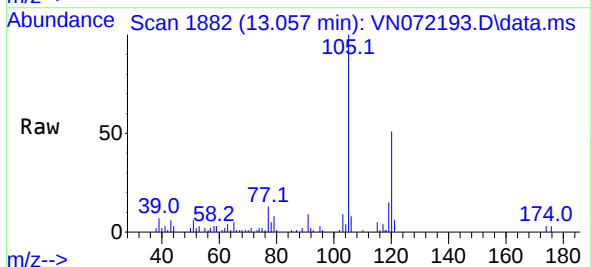
Instrument :
 MSVOA_N
 ClientSampleId :
 33659

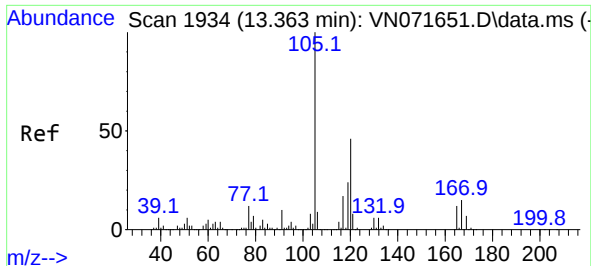
Tgt Ion:152 Resp: 396852
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.9 86.7
 150 156.4 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.502 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VN072193.D
 Acq: 25 Apr 2022 20:42

Tgt Ion:105 Resp: 39793
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.9 74.7

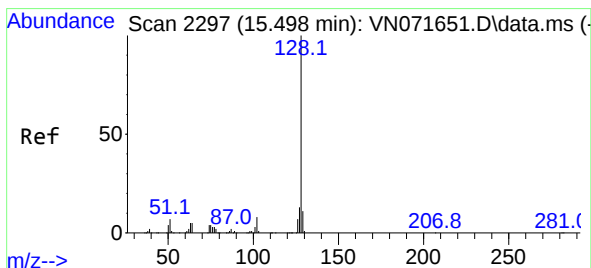
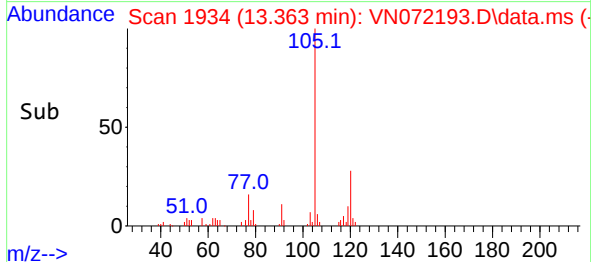
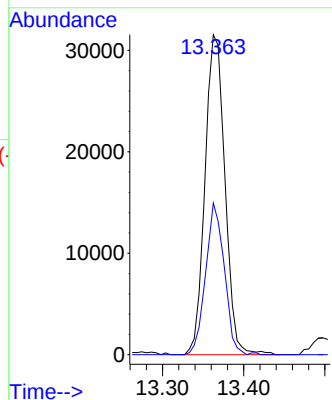
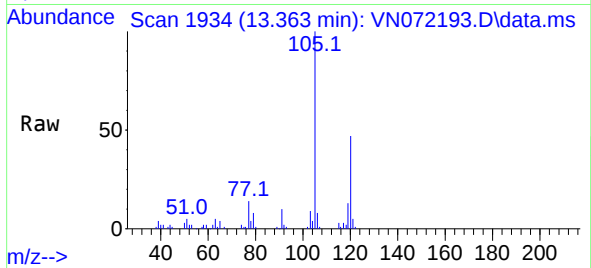




#84
1,2,4-Trimethylbenzene
Concen: 2.083 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Instrument :
MSVOA_N
ClientSampleId :
33659

Tgt Ion:105 Resp: 53861
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8



#95
Naphthalene
Concen: 4.460 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072193.D
Acq: 25 Apr 2022 20:42

Tgt Ion:128 Resp: 12860
Ion Ratio Lower Upper
128 100
127 18.5 10.3 15.5#
129 7.5 8.6 13.0#

