

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072113.D
 Acq On : 21 Apr 2022 06:19
 Operator : JC\MD
 Sample : N2482-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-1

Quant Time: Apr 21 07:16:50 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)

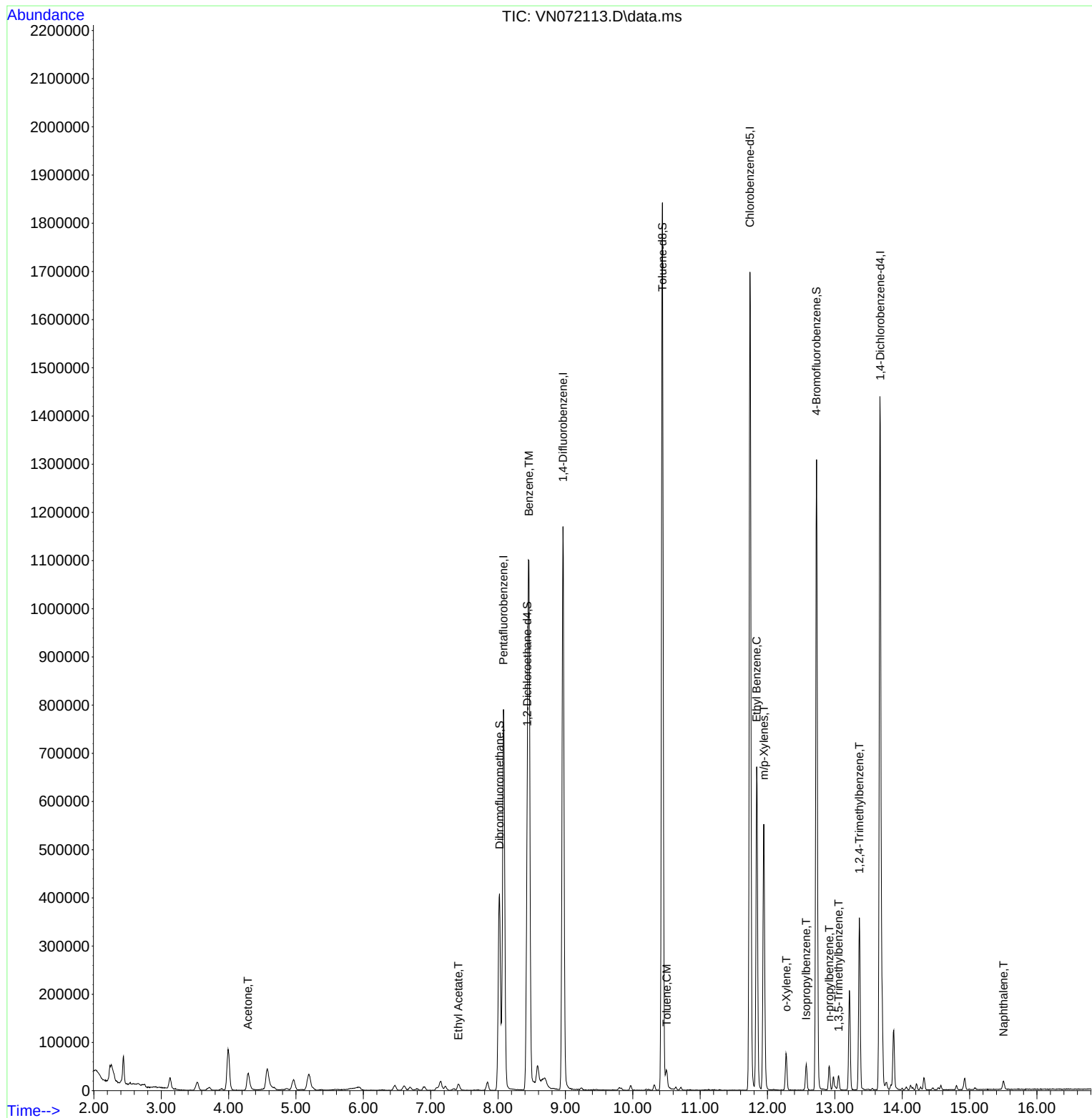
Internal Standards						
1) Pentafluorobenzene	8.080	168	643604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1088404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1081629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	435972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	340589	46.354	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.700%
35) Dibromofluoromethane	8.022	113	308014	48.092	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.180%
50) Toluene-d8	10.439	98	1330572	50.785	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.727	95	471392	55.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.260%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	62395	19.871	ug/l	90
37) Ethyl Acetate	7.410	43	20448	2.089	ug/l	95
40) Benzene	8.457	78	1068622	37.823	ug/l	99
52) Toluene	10.504	92	15299	0.857	ug/l	98
67) Ethyl Benzene	11.839	91	507898	13.853	ug/l	97
68) m/p-Xylenes	11.945	106	180795	12.834	ug/l	100
69) o-Xylene	12.280	106	23413	1.674	ug/l	95
73) Isopropylbenzene	12.574	105	36789	1.001	ug/l	98
78) n-propylbenzene	12.915	91	41803	1.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	14448	0.496	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	213772	7.527	ug/l	100
95) Naphthalene	15.504	128	19485	4.710	ug/l	98

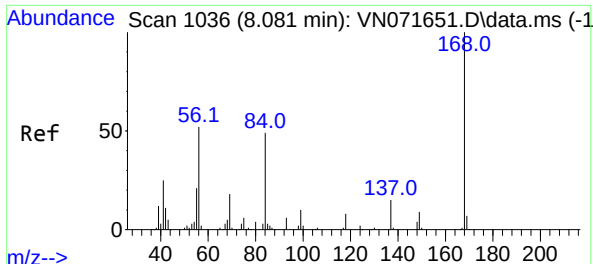
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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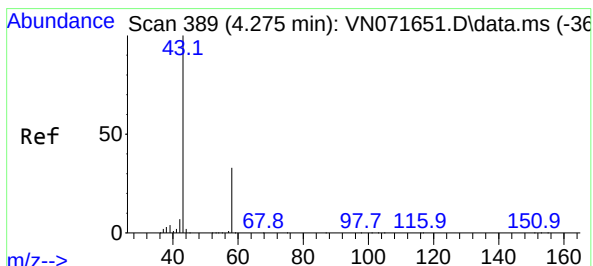
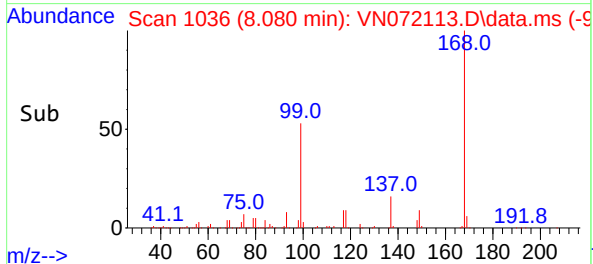
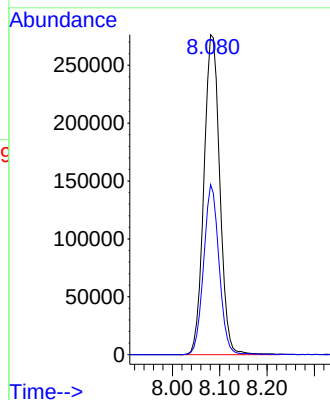
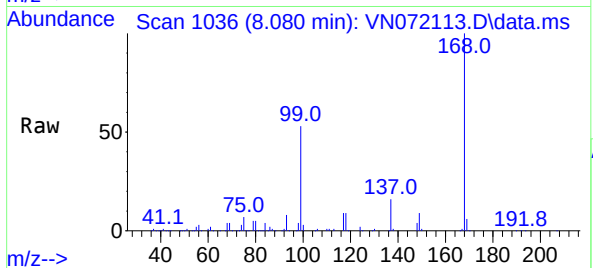




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

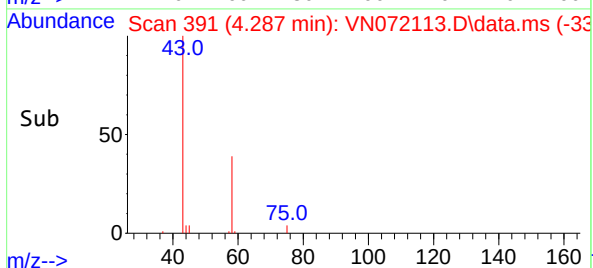
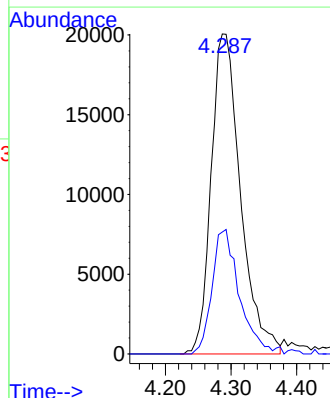
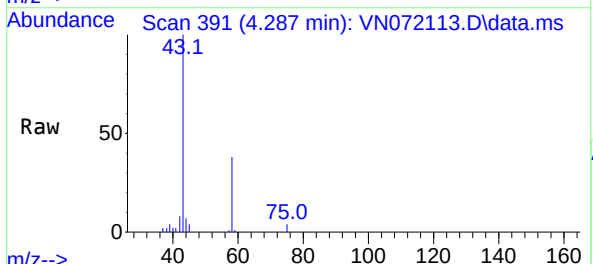
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

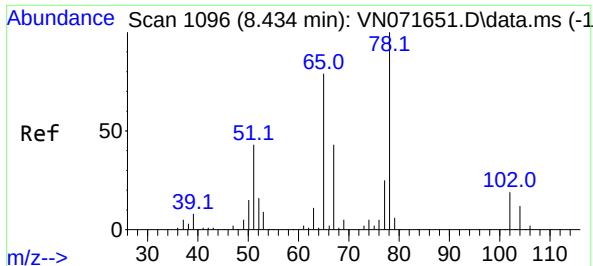
Tgt Ion:168 Resp: 643604
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#16
Acetone
Concen: 19.871 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 43 Resp: 62395
Ion Ratio Lower Upper
43 100
58 38.1 26.0 39.0

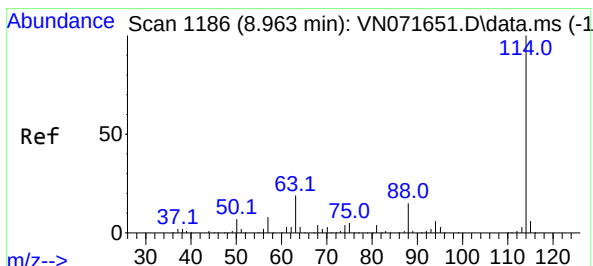
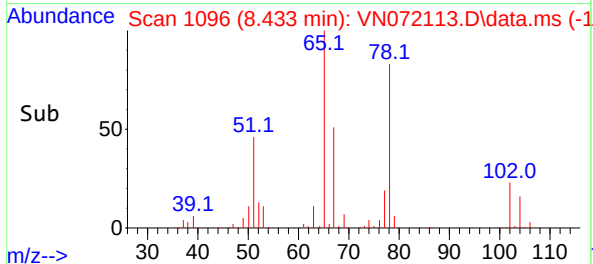
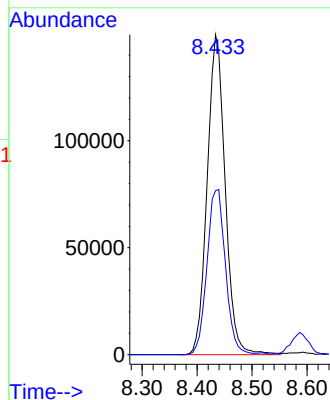
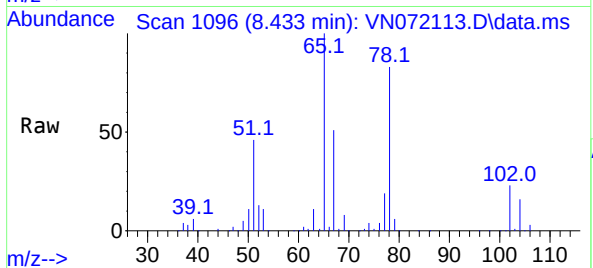




#33
1,2-Dichloroethane-d4
Concen: 46.354 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

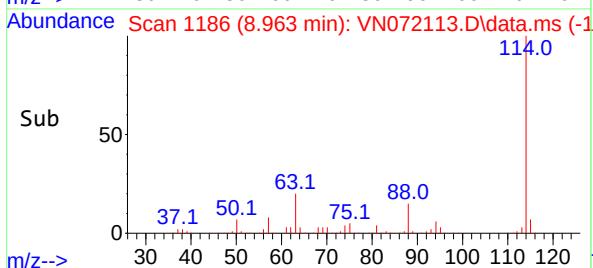
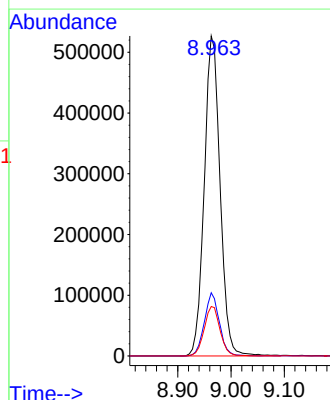
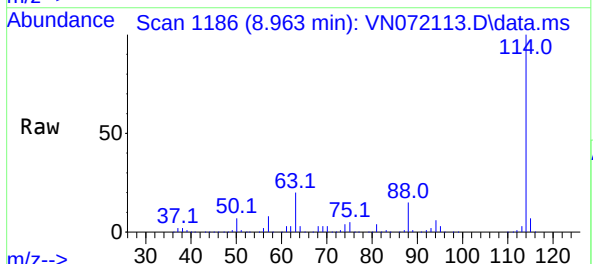
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

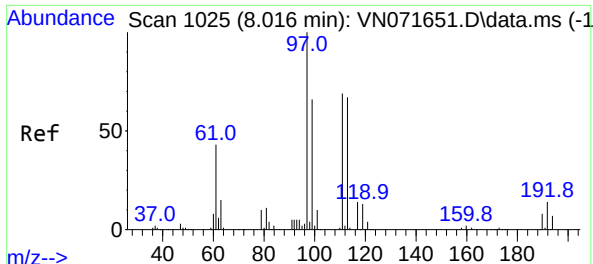
Tgt Ion: 65 Resp: 340589
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 114 Resp: 1088404
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.5 0.0 32.6

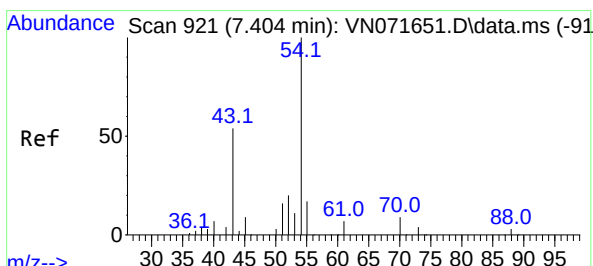
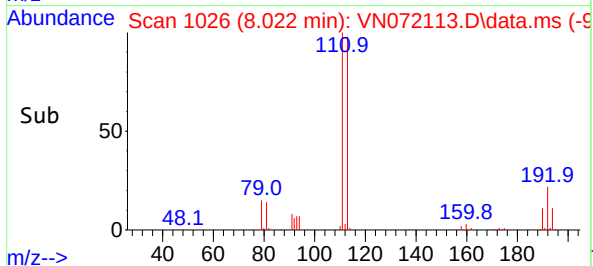
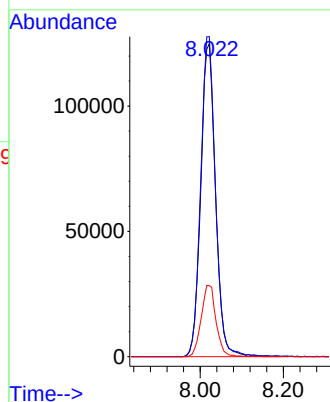
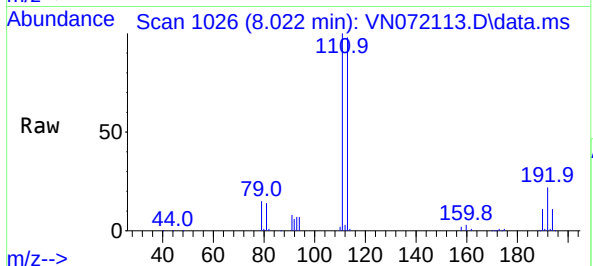




#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

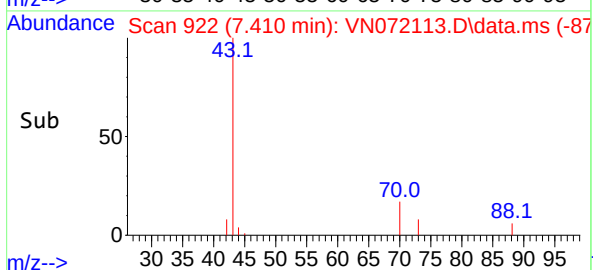
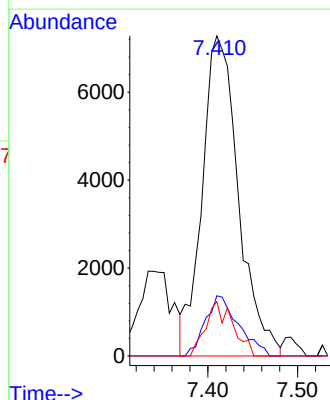
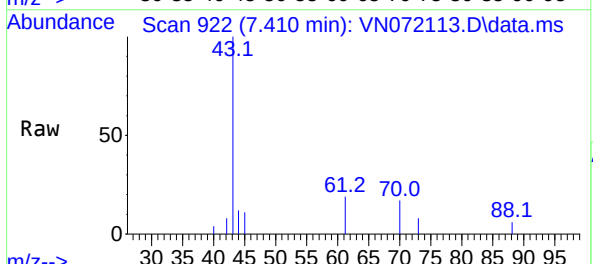
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

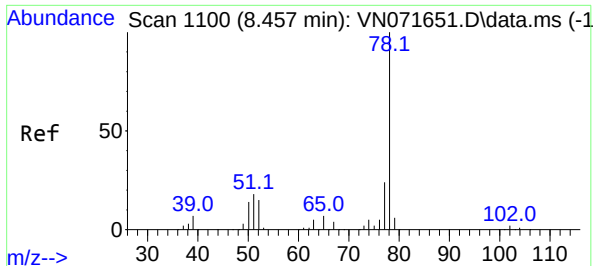
Tgt Ion:113 Resp: 308014
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 22.8 17.0 25.6



#37
Ethyl Acetate
Concen: 2.089 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 43 Resp: 20448
Ion Ratio Lower Upper
43 100
61 17.2 11.8 17.6
70 12.7 9.3 13.9

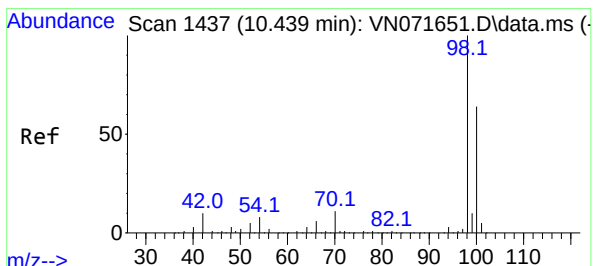
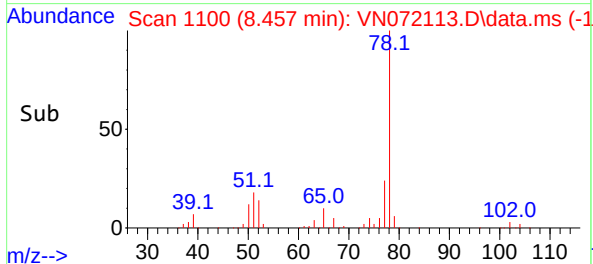
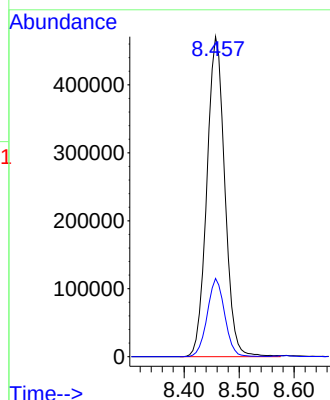
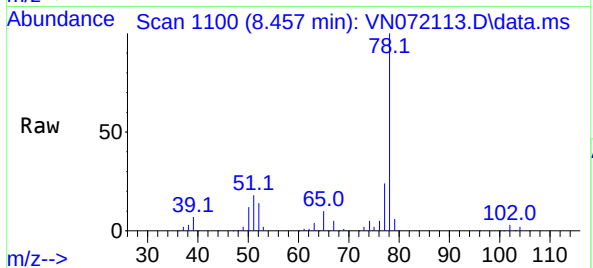




#40
Benzene
Concen: 37.823 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

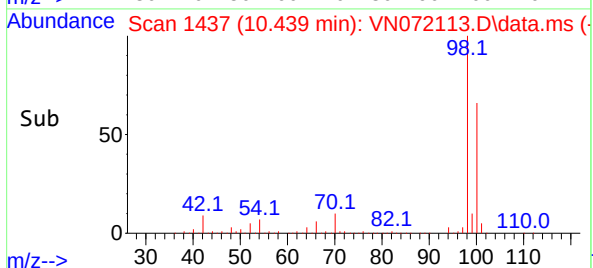
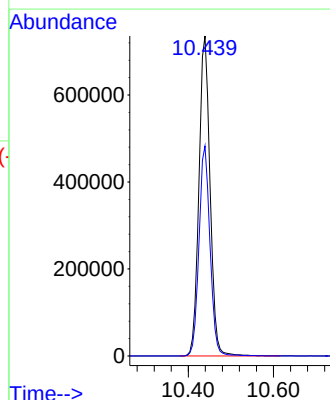
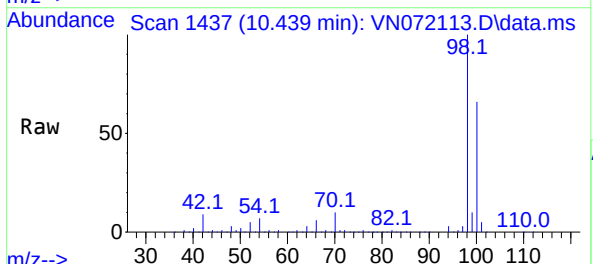
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

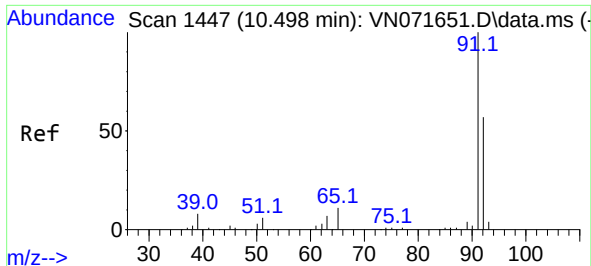
Tgt Ion: 78 Resp: 1068622
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 98 Resp: 1330572
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

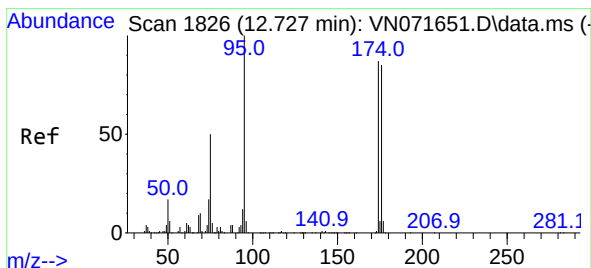
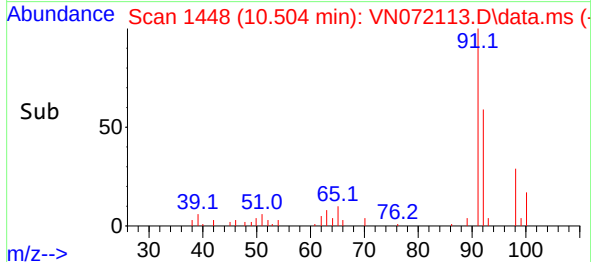
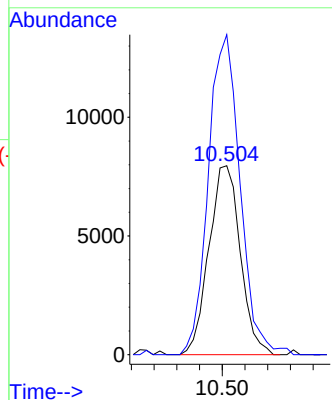
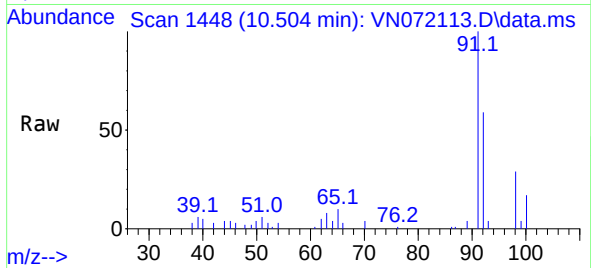




#52
Toluene
Concen: 0.857 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

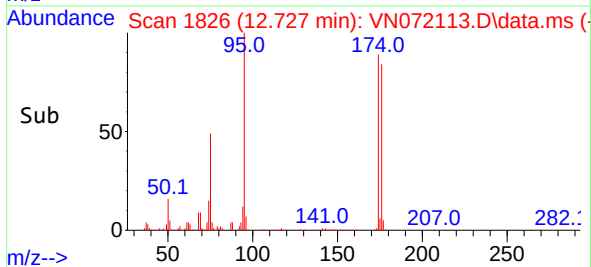
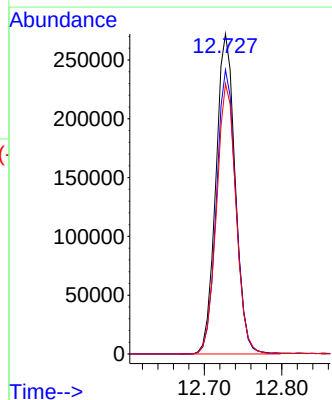
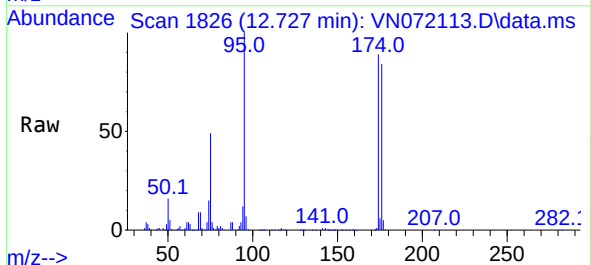
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

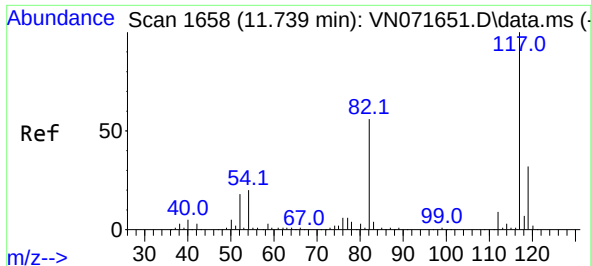
Tgt Ion: 92 Resp: 15299
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 55.632 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 95 Resp: 471392
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 85.0 0.0 163.4

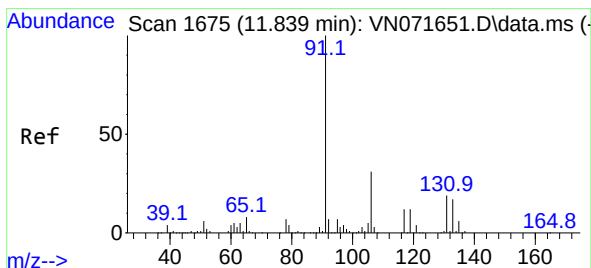
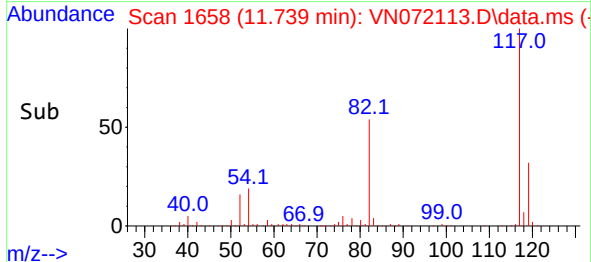
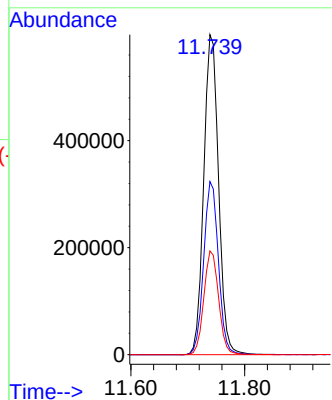
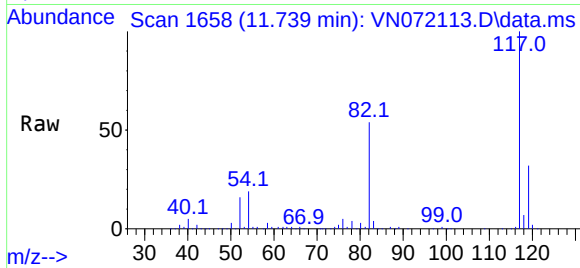




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

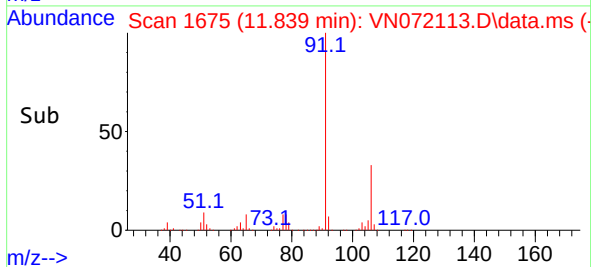
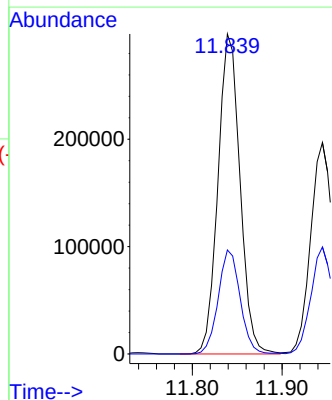
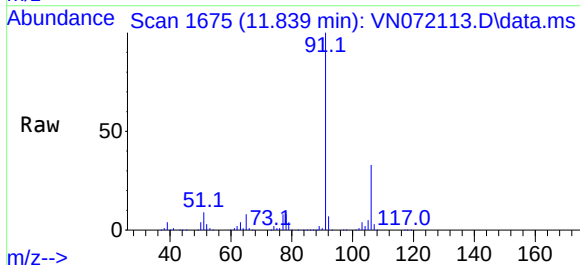
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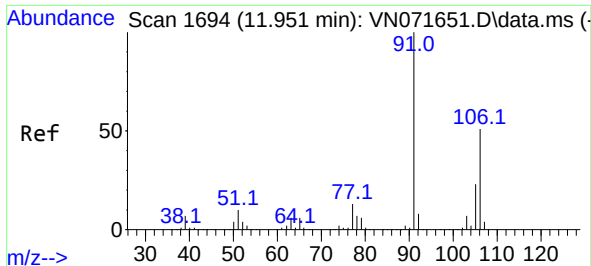
Tgt Ion:117 Resp: 1081629
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 13.853 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 91 Resp: 507898
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

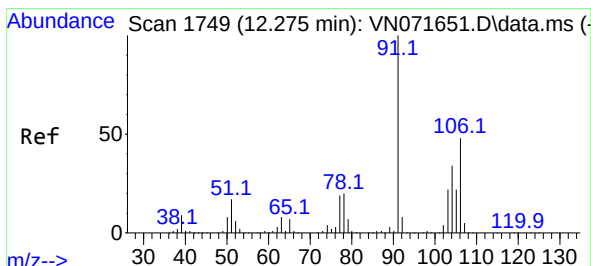
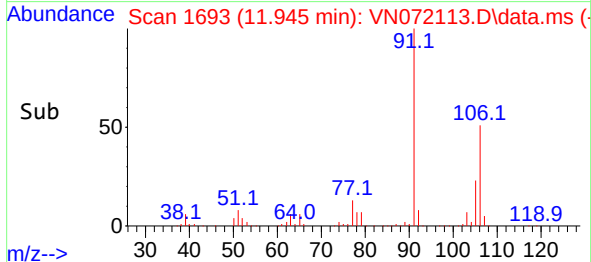
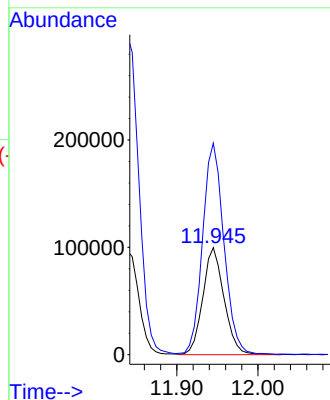
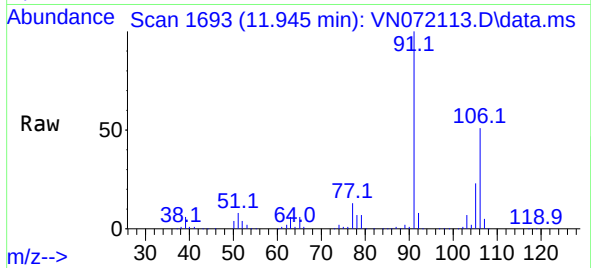




#68
m/p-Xylenes
Concen: 12.834 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

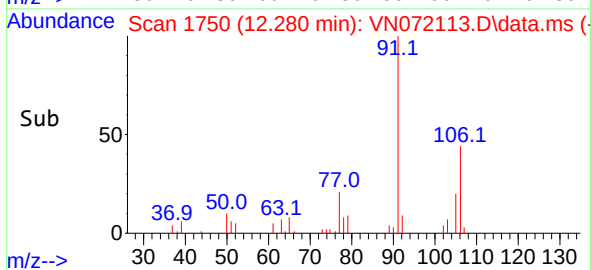
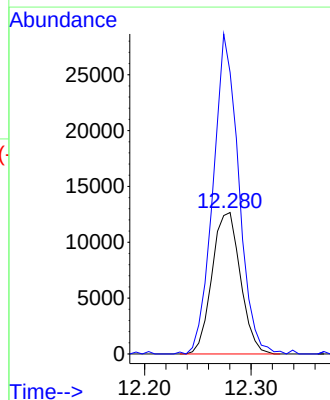
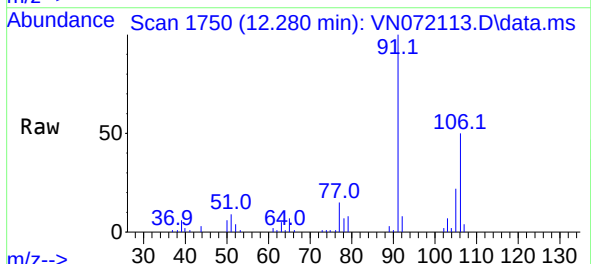
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

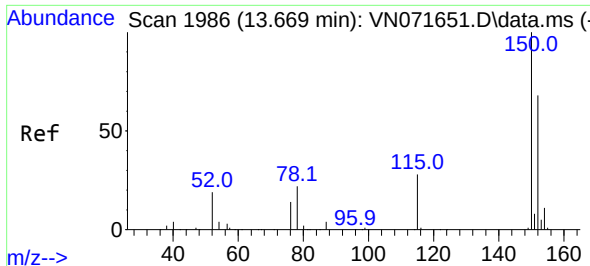
Tgt Ion:106 Resp: 180795
Ion Ratio Lower Upper
106 100
91 198.5 158.9 238.3



#69
o-Xylene
Concen: 1.674 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion:106 Resp: 23413
Ion Ratio Lower Upper
106 100
91 204.3 106.0 318.0

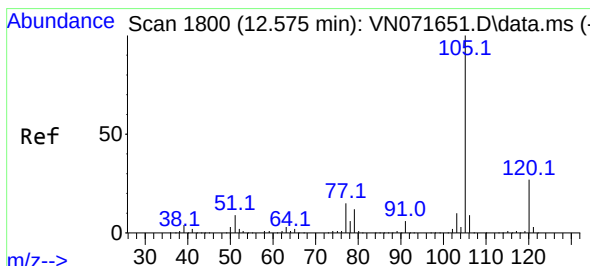
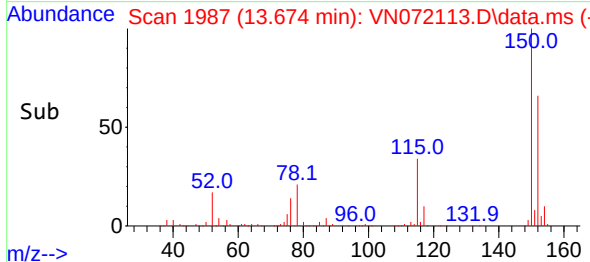
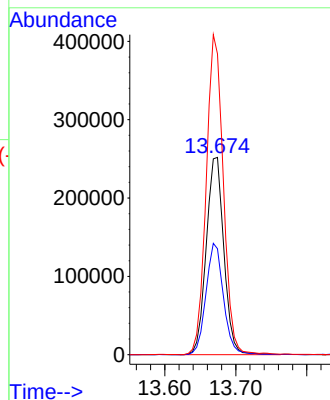
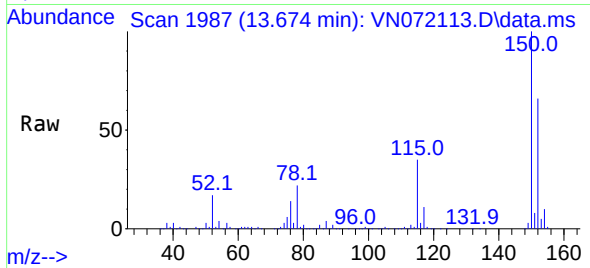




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

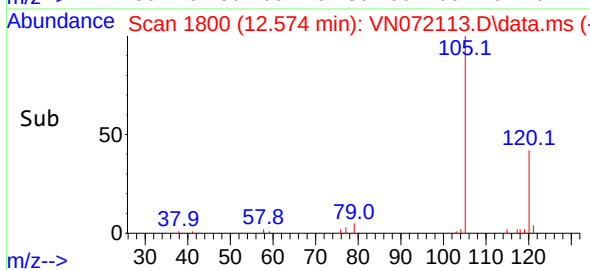
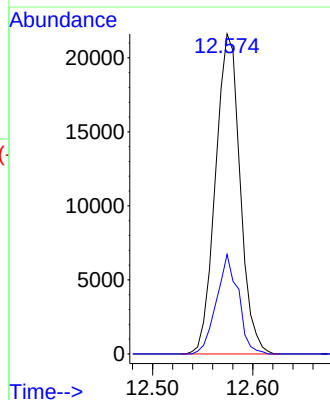
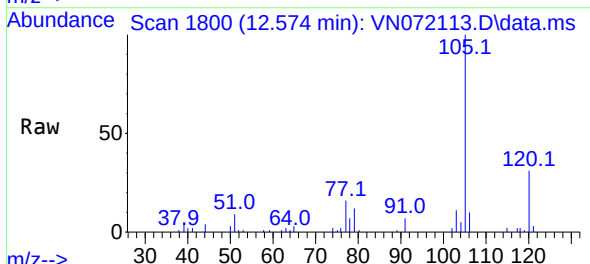
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

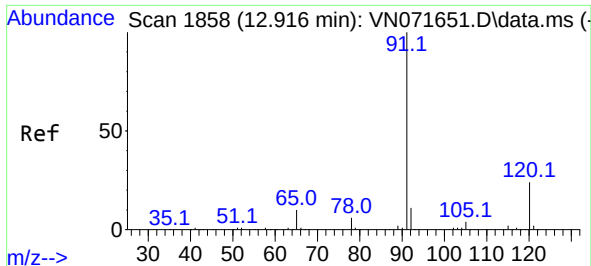
Tgt Ion:152 Resp: 435972
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.4 0.0 356.2



#73
Isopropylbenzene
Concen: 1.001 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion:105 Resp: 36789
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4

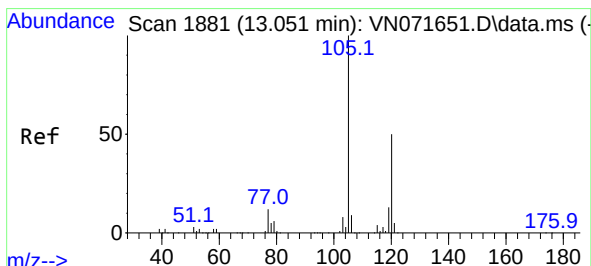
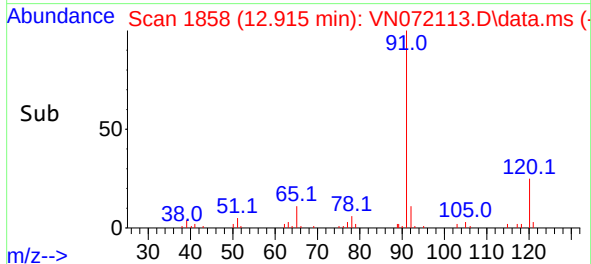
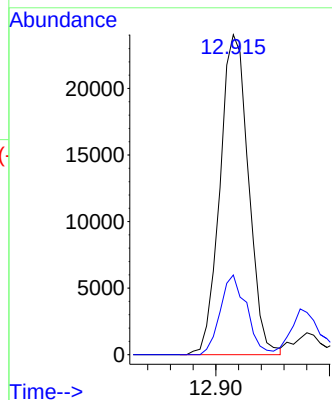
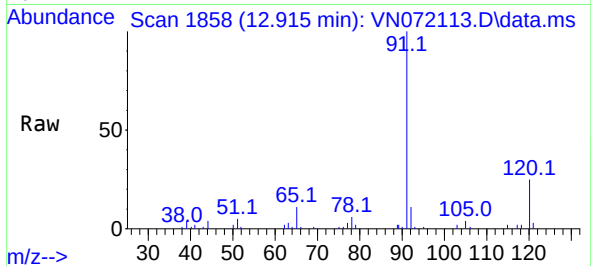




#78
n-propylbenzene
Concen: 1.082 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

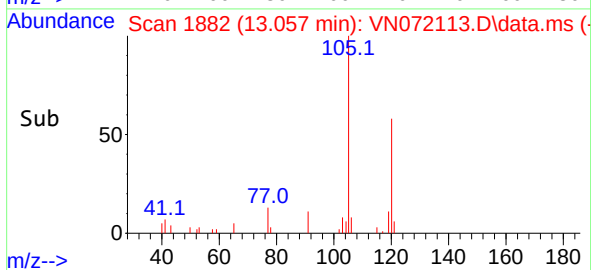
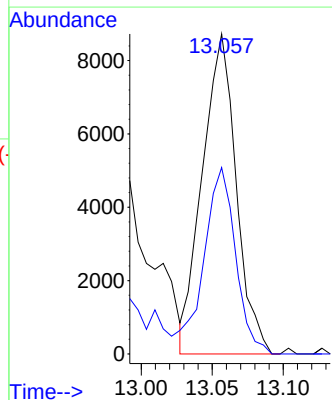
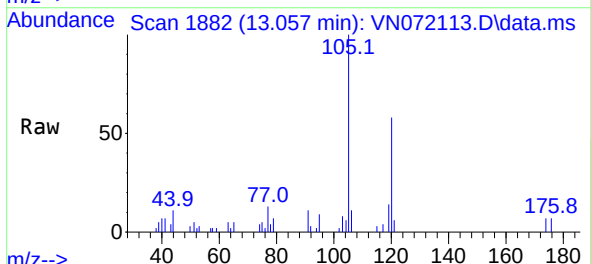
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

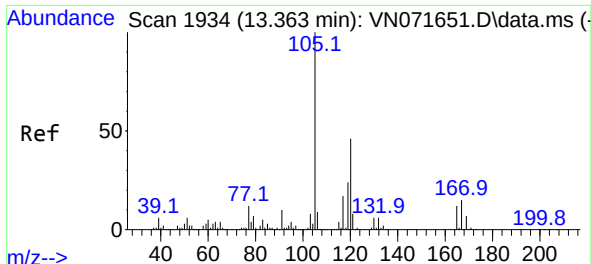
Tgt Ion: 91 Resp: 41803
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.496 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion: 105 Resp: 14448
Ion Ratio Lower Upper
105 100
120 55.1 24.9 74.7

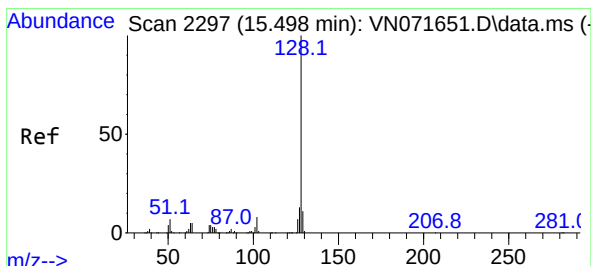
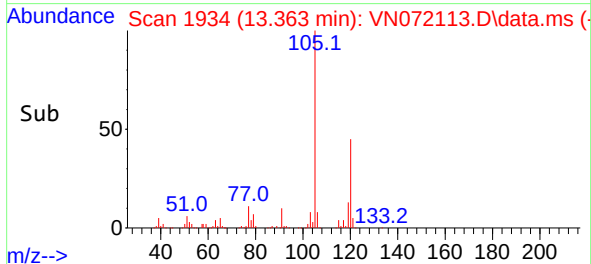
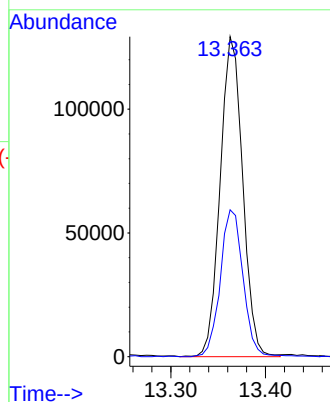
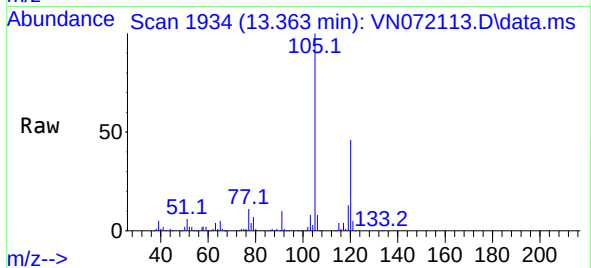




#84
1,2,4-Trimethylbenzene
Concen: 7.527 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Instrument :
MSVOA_N
ClientSampleId :
SPN-1

Tgt Ion:105 Resp: 213772
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8



#95
Naphthalene
Concen: 4.710 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072113.D
Acq: 21 Apr 2022 06:19

Tgt Ion:128 Resp: 19485
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 10.8 8.6 13.0

