

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072108.D
 Acq On : 21 Apr 2022 04:18
 Operator : JC\MD
 Sample : N2482-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-15

Quant Time: Apr 21 07:14:47 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)

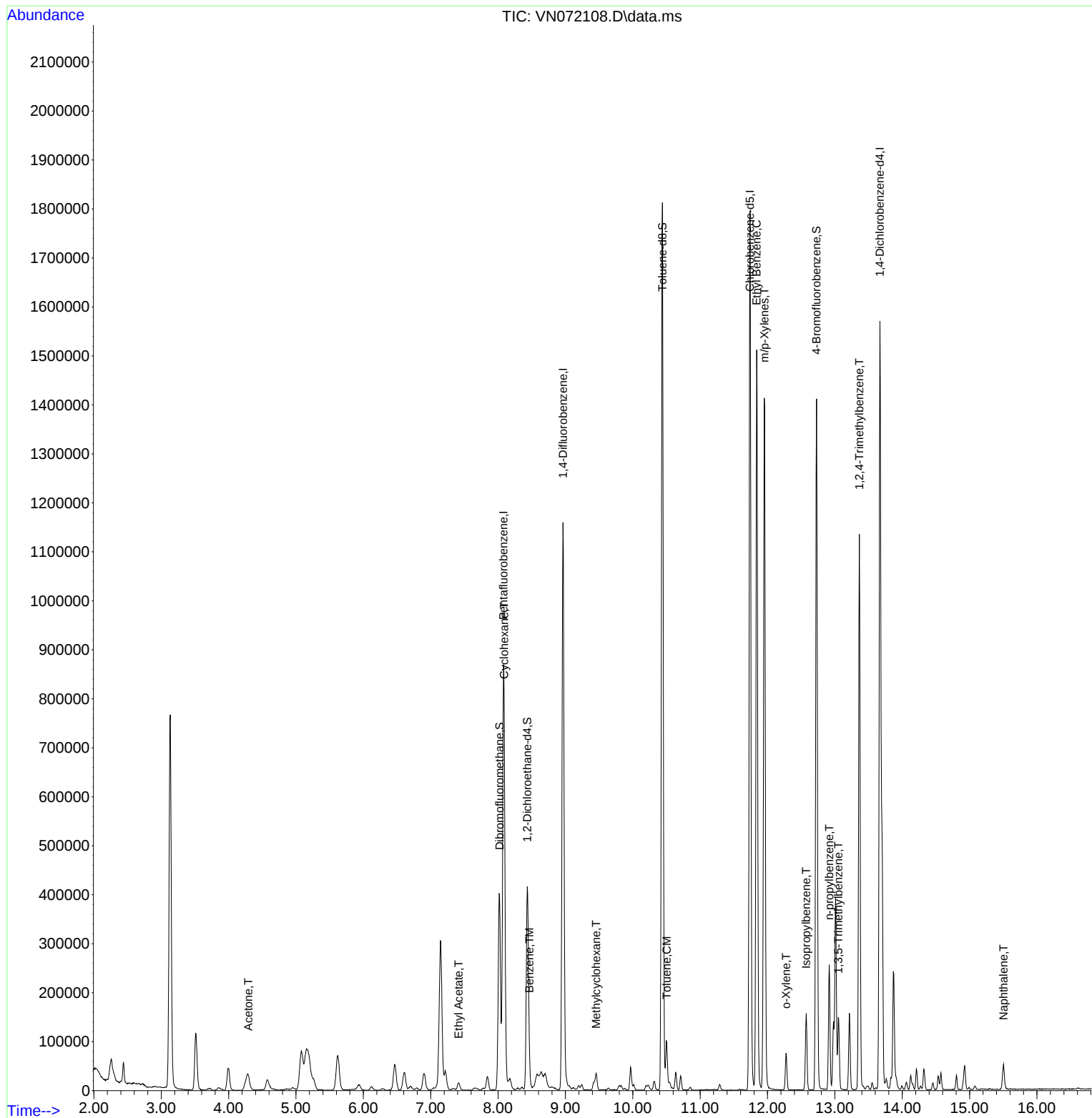
Internal Standards						
1) Pentafluorobenzene	8.081	168	630792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1080274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1125176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	464207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	336480	46.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.460%		
35) Dibromofluoromethane	8.022	113	304958	47.974	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.940%		
50) Toluene-d8	10.439	98	1355176	52.114	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.220%		
62) 4-Bromofluorobenzene	12.727	95	511157	60.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	121.560%		
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	57775	18.773	ug/l	99
31) Cyclohexane	8.092	56	92447	9.440	ug/l #	93
37) Ethyl Acetate	7.416	43	23737	2.443	ug/l #	93
39) Methylcyclohexane	9.457	83	14568	1.379	ug/l	94
40) Benzene	8.463	78	33816	1.206	ug/l	99
52) Toluene	10.504	92	40709	2.297	ug/l	98
67) Ethyl Benzene	11.839	91	1160358	30.423	ug/l	100
68) m/p-Xylenes	11.957	106	469648	32.048	ug/l	99
69) o-Xylene	12.274	106	22995	1.581	ug/l	90
73) Isopropylbenzene	12.574	105	105119	2.687	ug/l	100
78) n-propylbenzene	12.916	91	204504	4.970	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	77934	2.515	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	656854	21.721	ug/l	99
95) Naphthalene	15.504	128	53572	6.144	ug/l	99

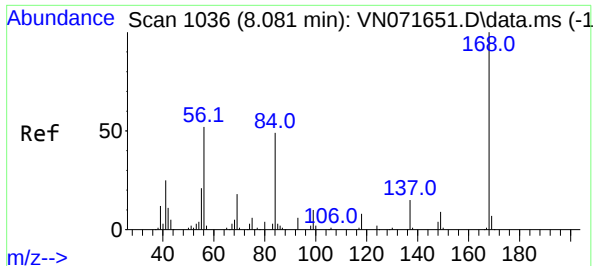
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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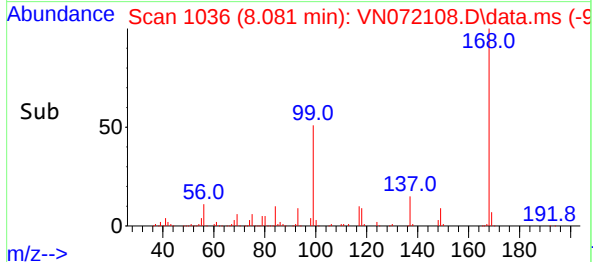
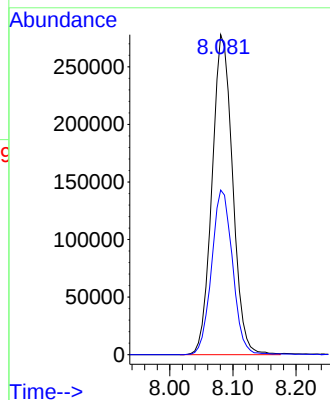
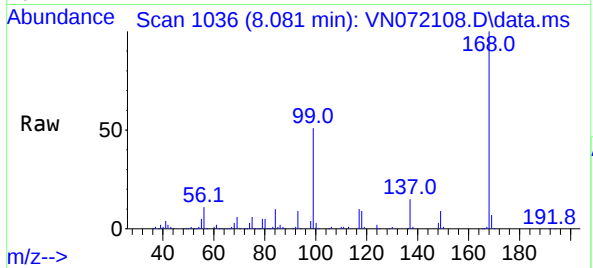




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

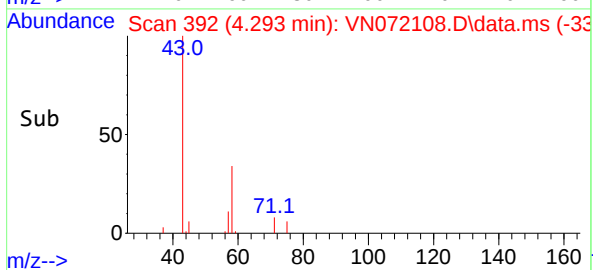
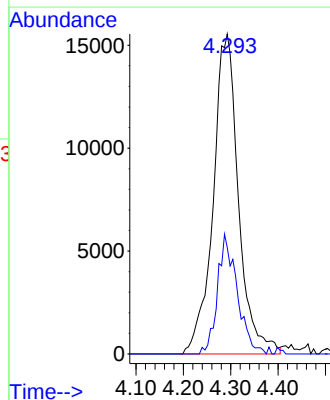
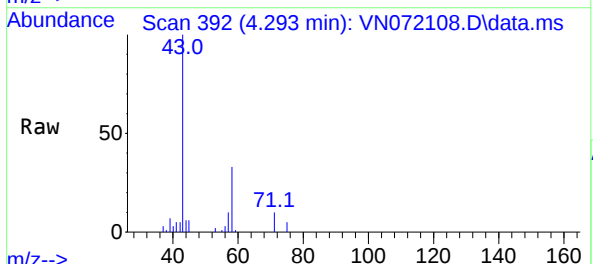
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

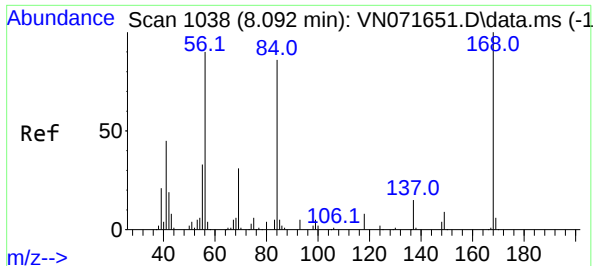
Tgt Ion:168 Resp: 630792
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#16
Acetone
Concen: 18.773 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion: 43 Resp: 57775
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0





#31

Cyclohexane

Concen: 9.440 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072108.D

Acq: 21 Apr 2022 04:18

Instrument :

MSVOA_N

ClientSampleId :

SPN-15

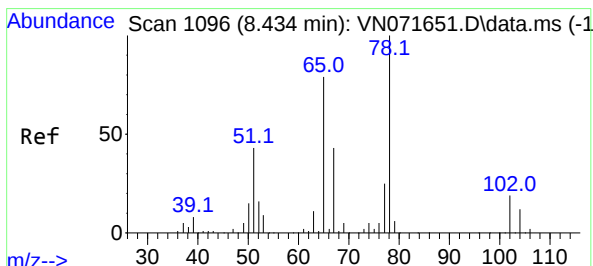
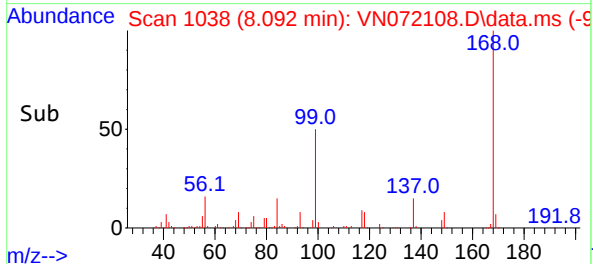
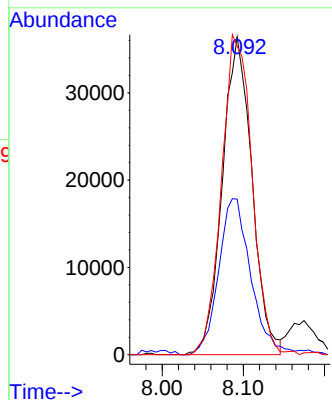
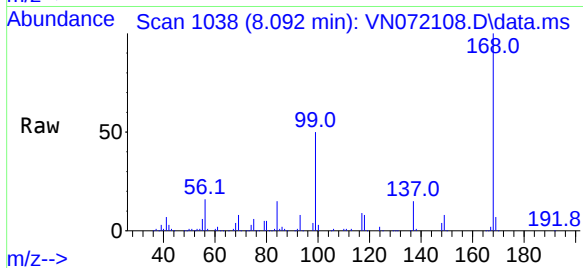
Tgt Ion: 56 Resp: 92447

Ion Ratio Lower Upper

56 100

69 48.9 27.8 41.8#

84 97.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 46.725 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072108.D

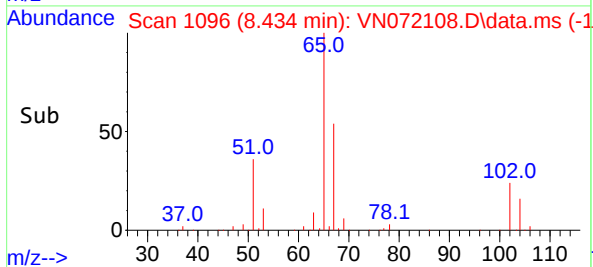
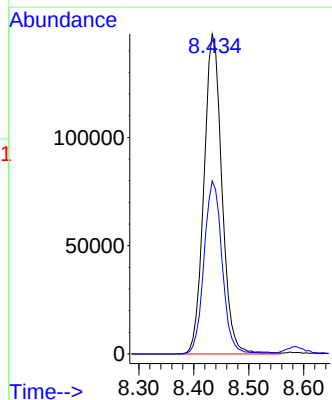
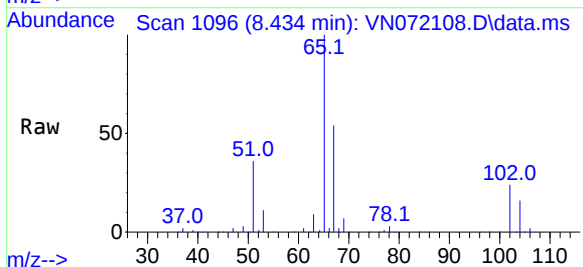
Acq: 21 Apr 2022 04:18

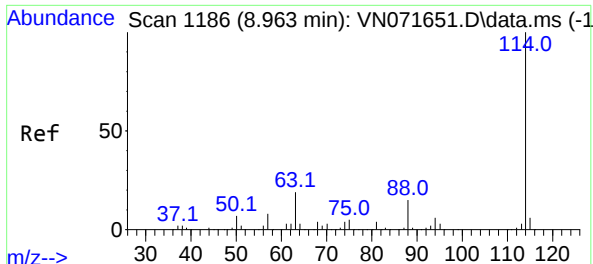
Tgt Ion: 65 Resp: 336480

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8

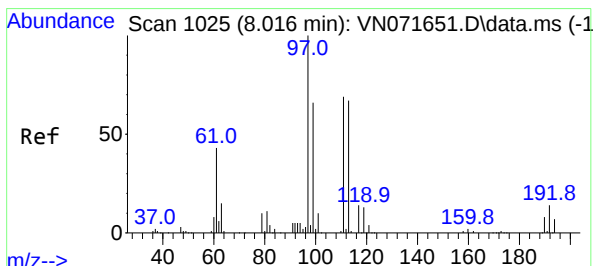
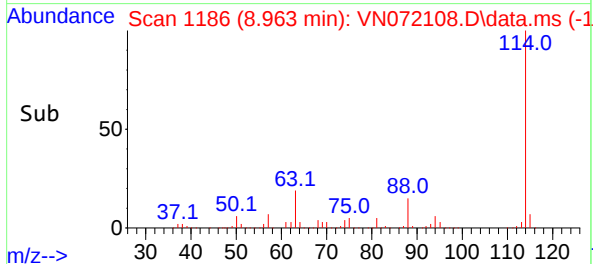
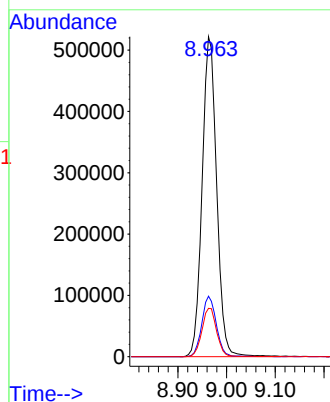
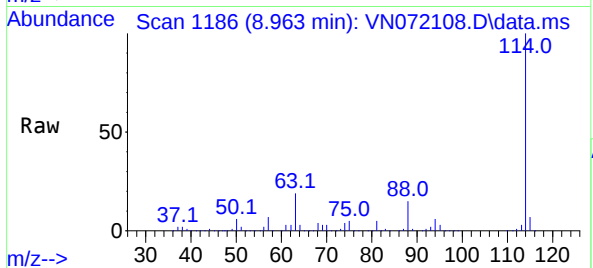




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

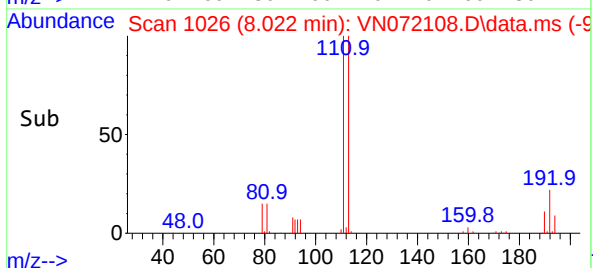
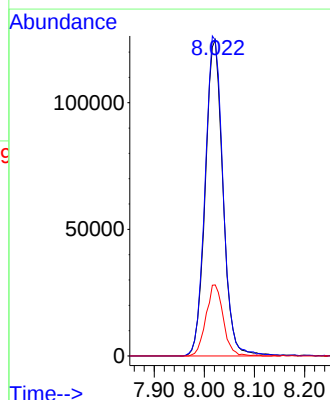
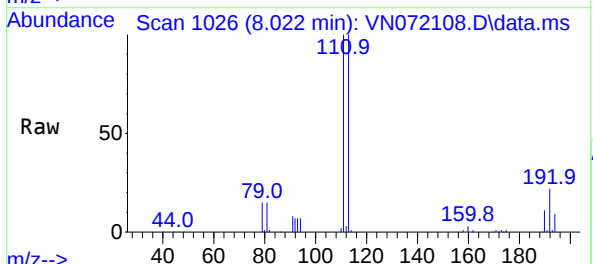
Instrument :
MSVOA_N
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SPN-15

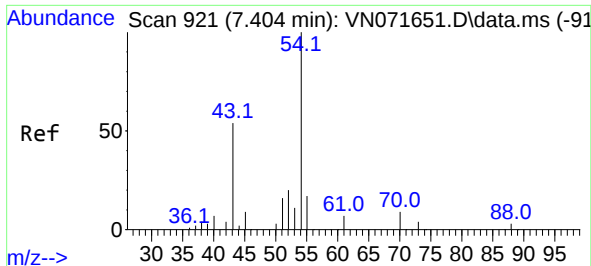
Tgt Ion:114 Resp: 1080274
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.974 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion:113 Resp: 304958
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.0 17.0 25.6

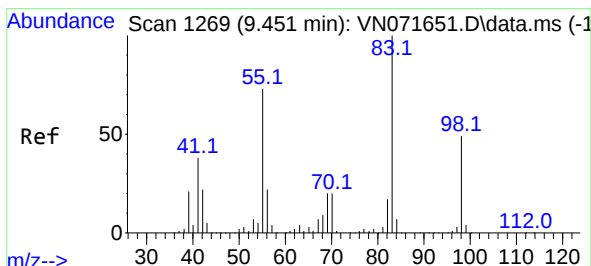
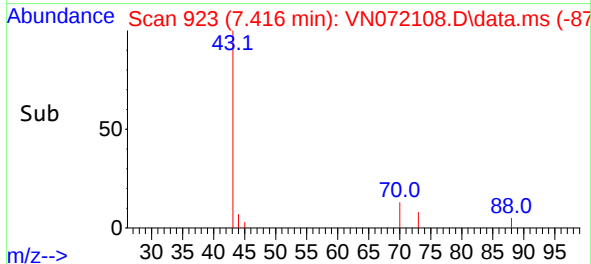
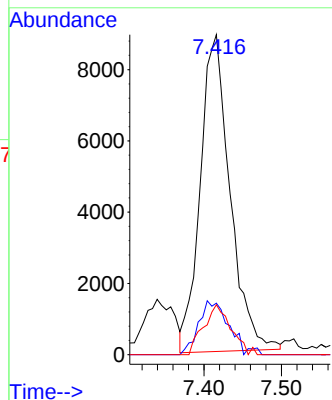
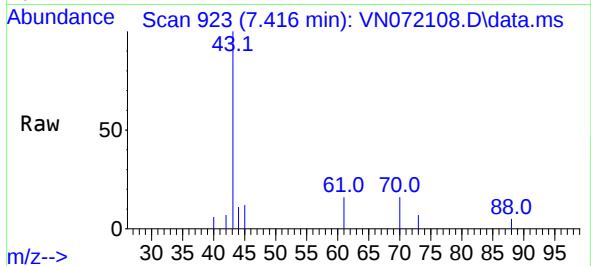




#37
Ethyl Acetate
Concen: 2.443 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

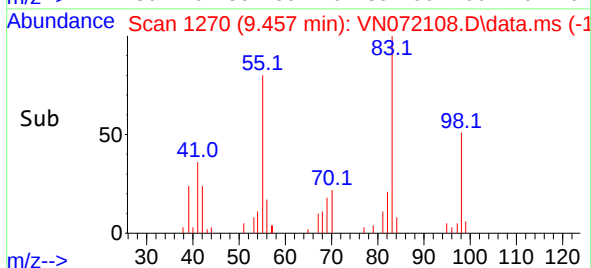
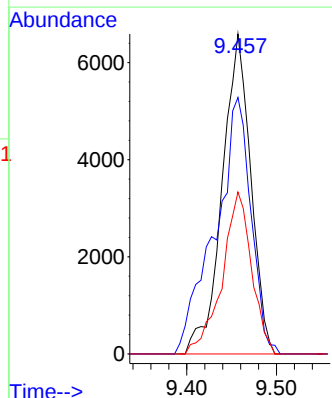
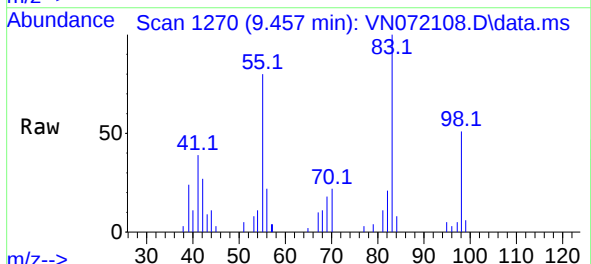
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

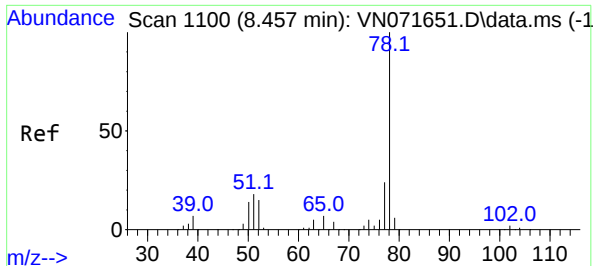
Tgt Ion: 43 Resp: 23737
Ion Ratio Lower Upper
43 100
61 17.1 11.8 17.6
70 14.6 9.3 13.9#



#39
Methylcyclohexane
Concen: 1.379 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion: 83 Resp: 14568
Ion Ratio Lower Upper
83 100
55 80.2 57.8 86.8
98 50.6 39.4 59.2

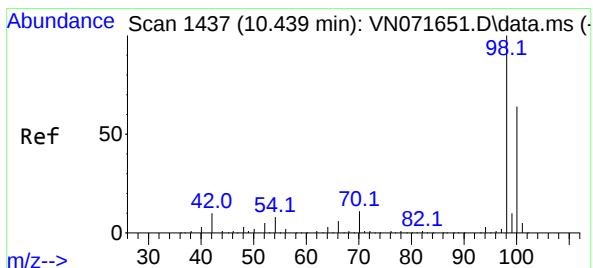
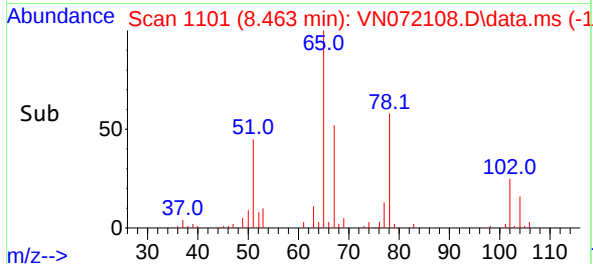
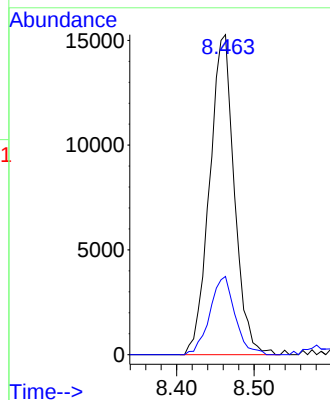
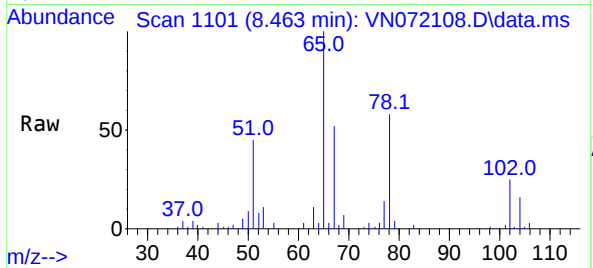




#40
Benzene
Concen: 1.206 ug/l
RT: 8.463 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

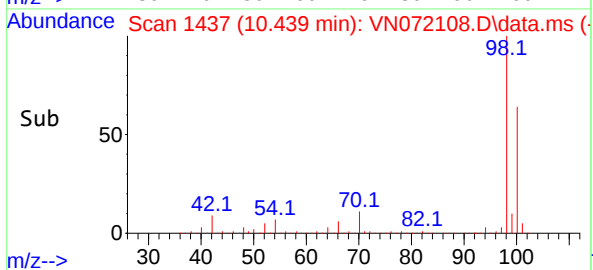
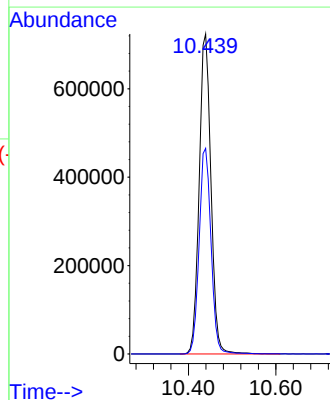
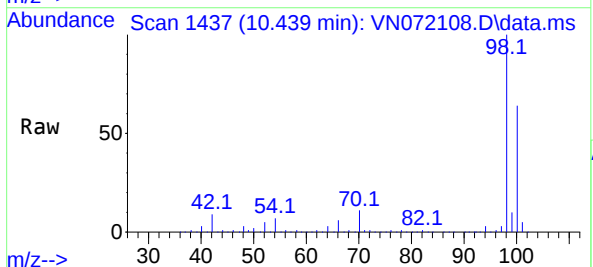
Instrument :
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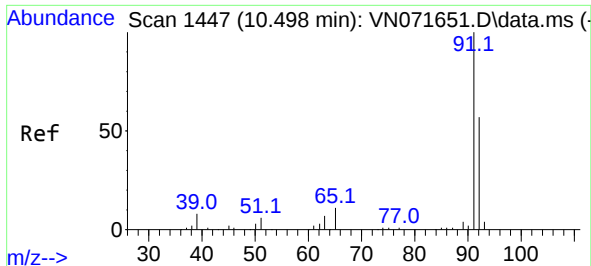
Tgt Ion: 78 Resp: 33816
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#50
Toluene-d8
Concen: 52.114 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion: 98 Resp: 1355176
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

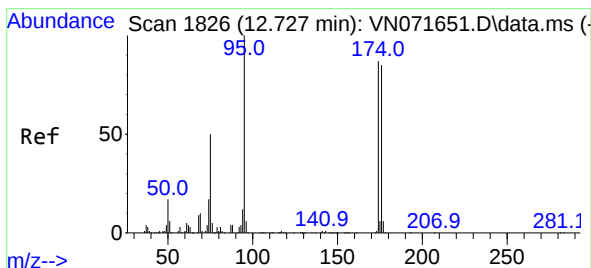
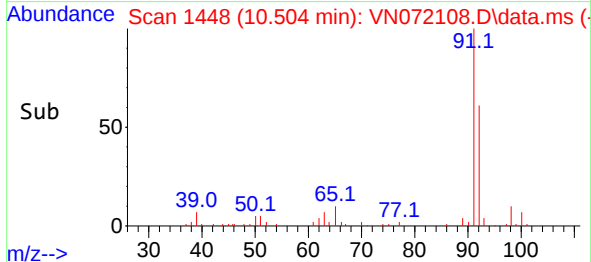
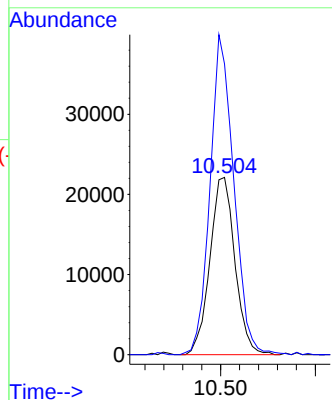
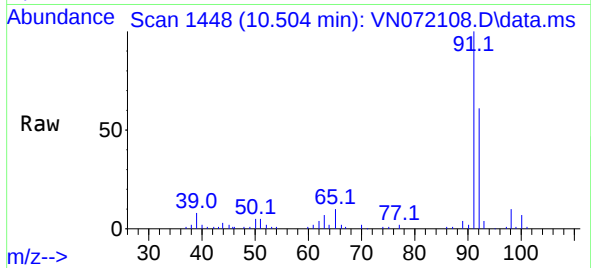




#52
Toluene
Concen: 2.297 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

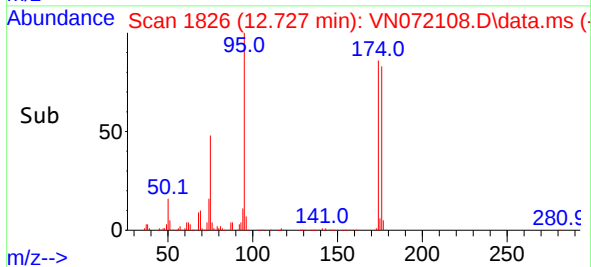
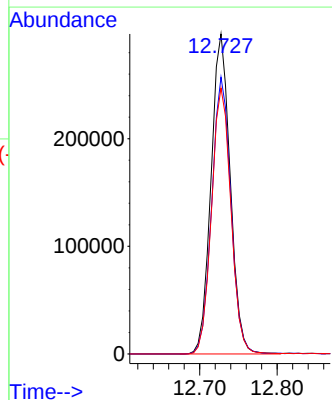
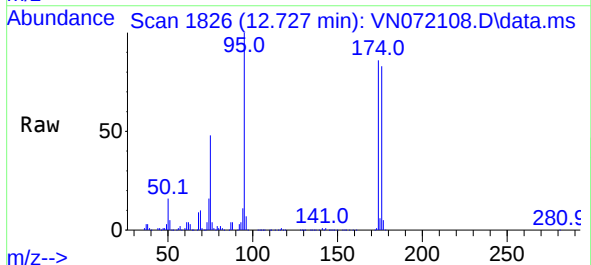
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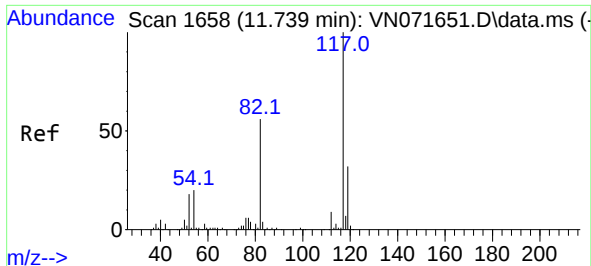
Tgt Ion: 92 Resp: 40709
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 60.779 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

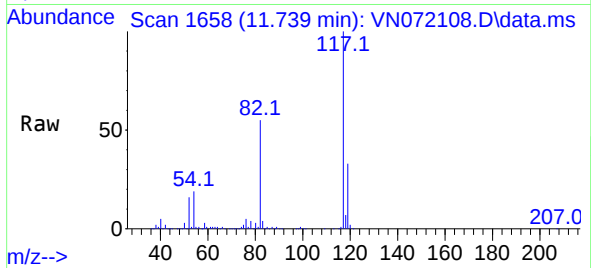
Tgt Ion: 95 Resp: 511157
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 83.9 0.0 163.4





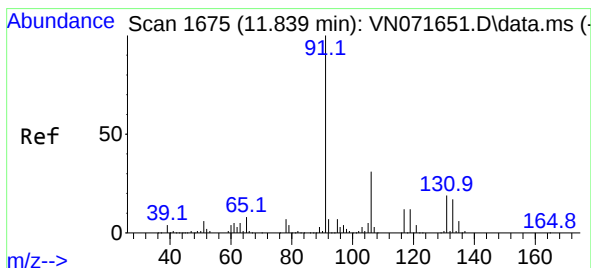
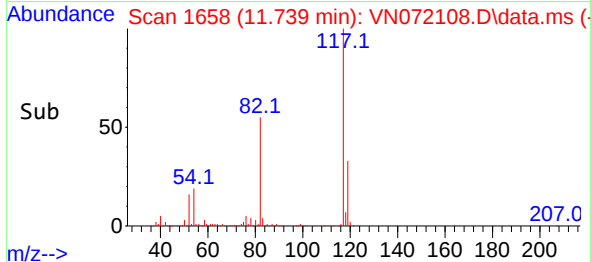
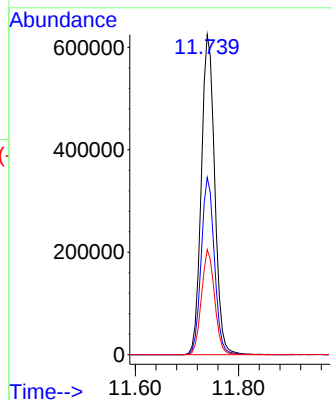
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Instrument :
MSVOA_N
ClientSampleId :
SPN-15



Tgt Ion:117 Resp: 1125176

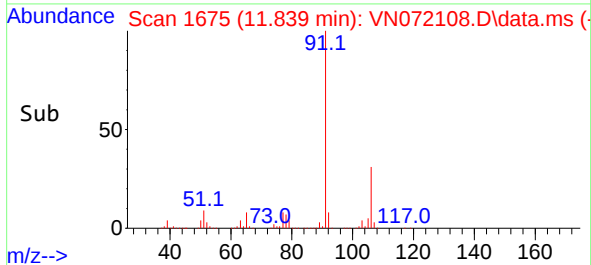
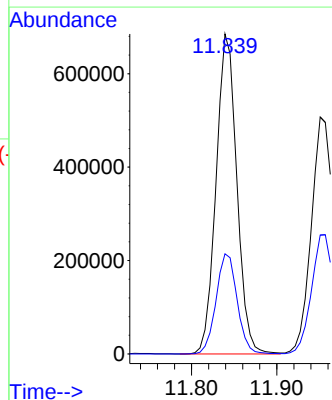
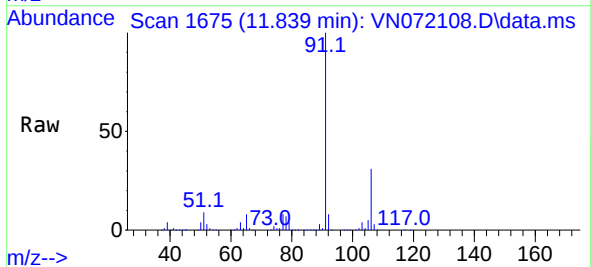
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	32.8	25.4	38.0

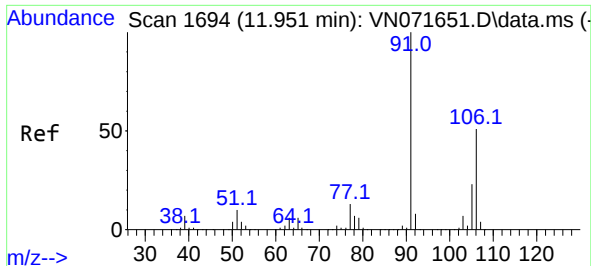


#67
Ethyl Benzene
Concen: 30.423 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion: 91 Resp: 1160358

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3

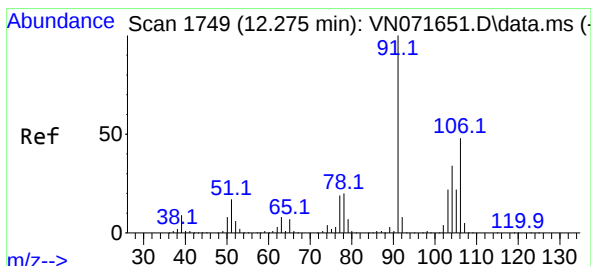
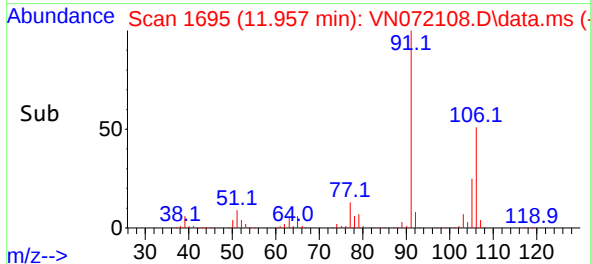
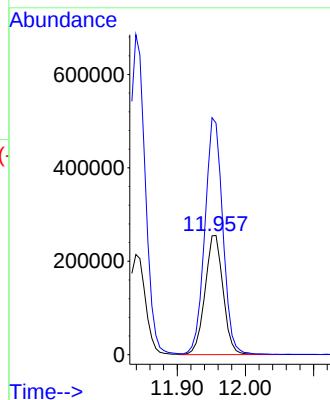
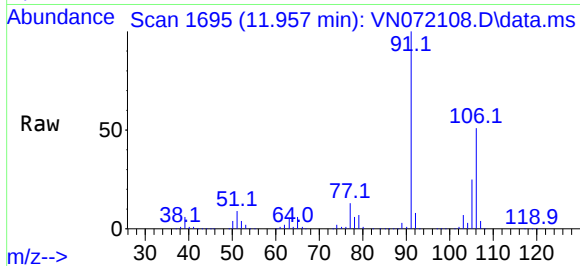




#68
m/p-Xylenes
Concen: 32.048 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

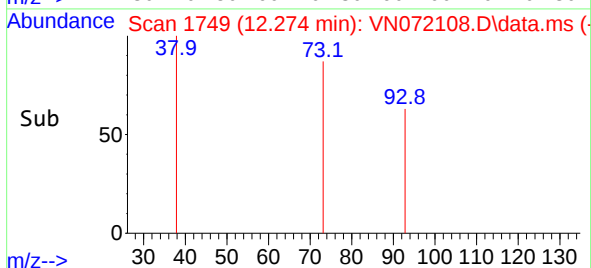
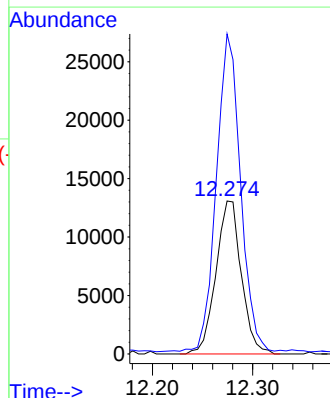
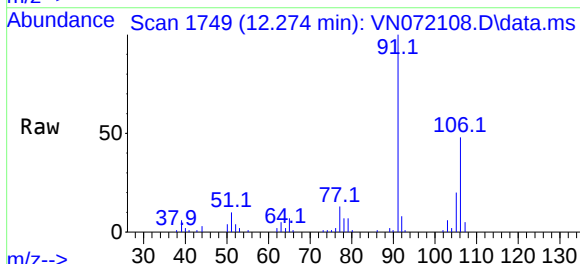
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

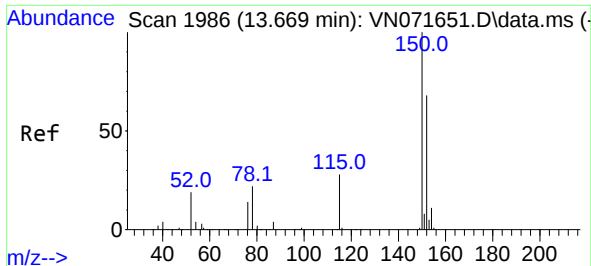
Tgt Ion:106 Resp: 469648
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3



#69
o-Xylene
Concen: 1.581 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion:106 Resp: 22995
Ion Ratio Lower Upper
106 100
91 195.9 106.0 318.0

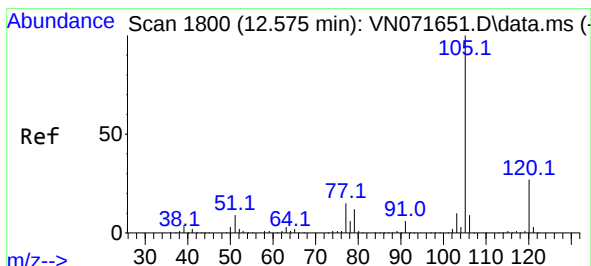
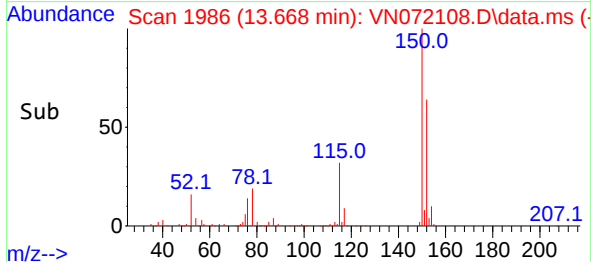
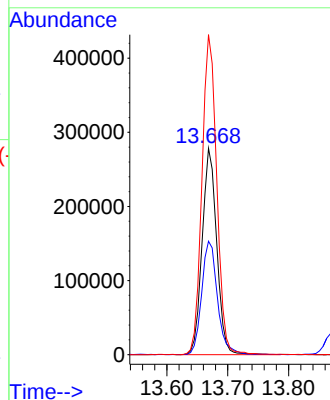
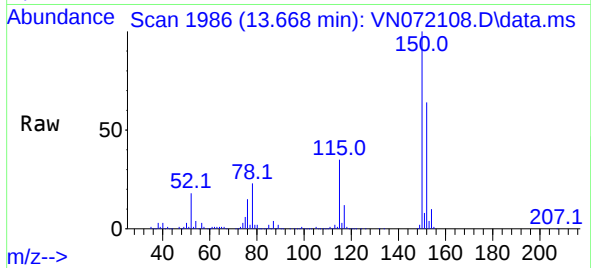




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

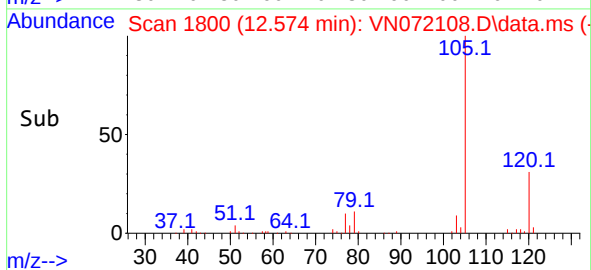
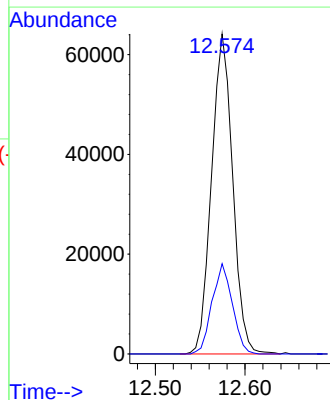
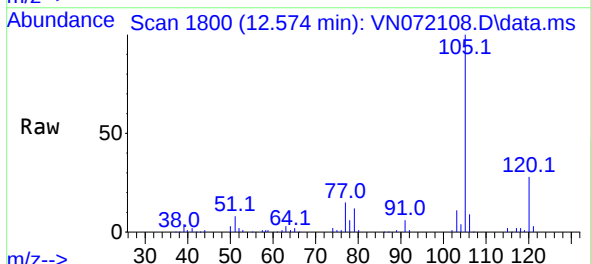
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

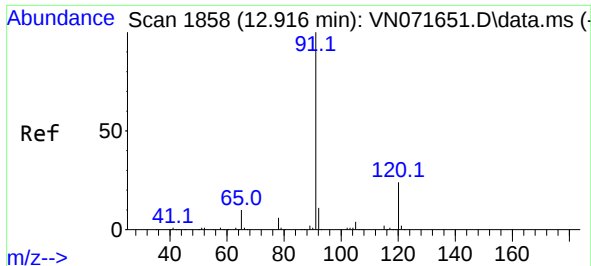
Tgt Ion:152 Resp: 464207
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 157.5 0.0 356.2



#73
Isopropylbenzene
Concen: 2.687 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion:105 Resp: 105119
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

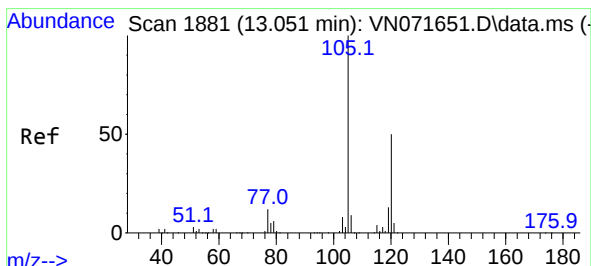
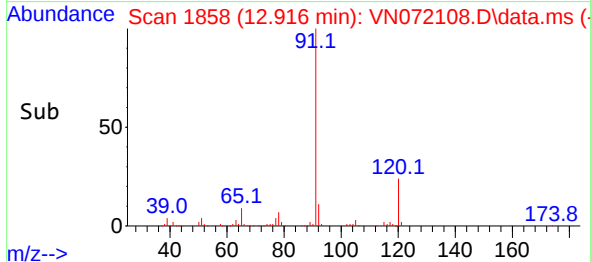
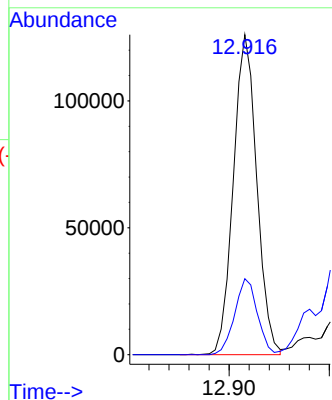
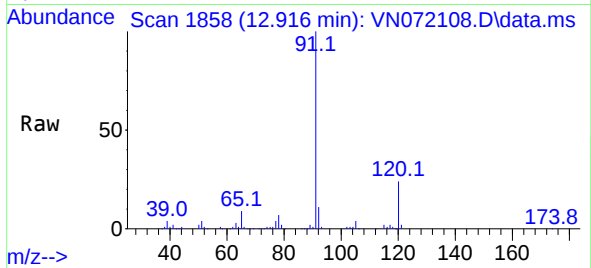




#78
n-propylbenzene
Concen: 4.970 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

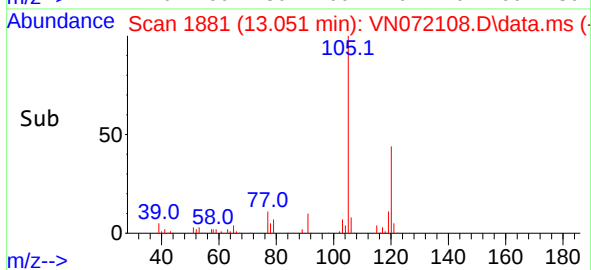
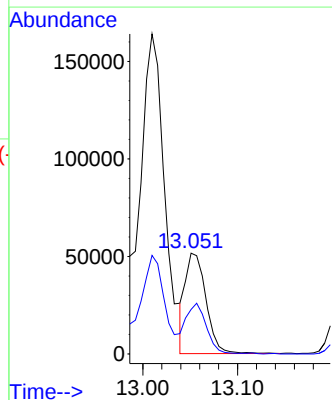
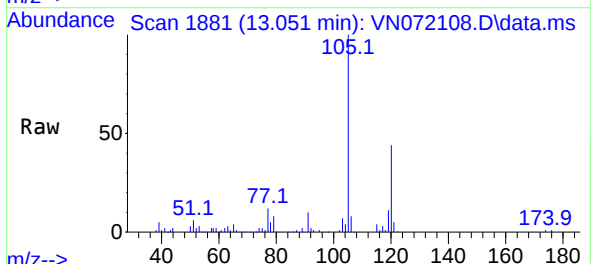
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

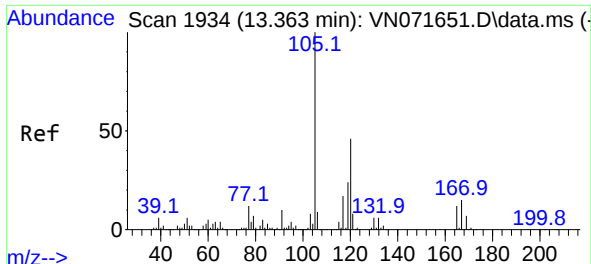
Tgt Ion: 91 Resp: 204504
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.515 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion: 105 Resp: 77934
Ion Ratio Lower Upper
105 100
120 52.7 24.9 74.7

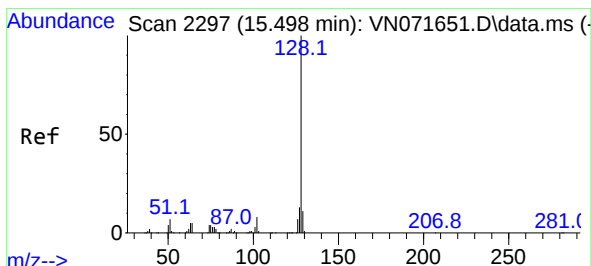
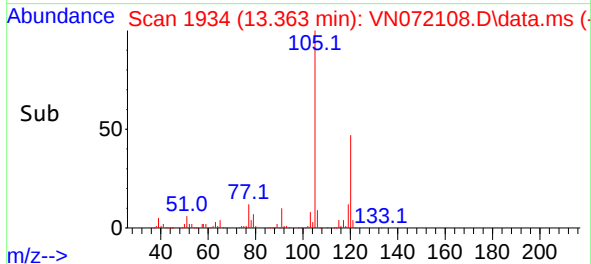
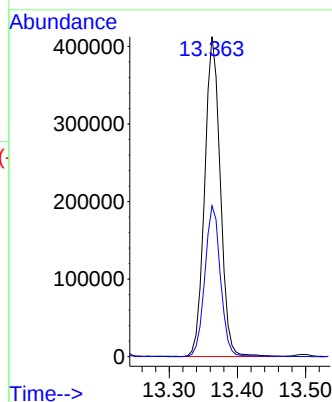
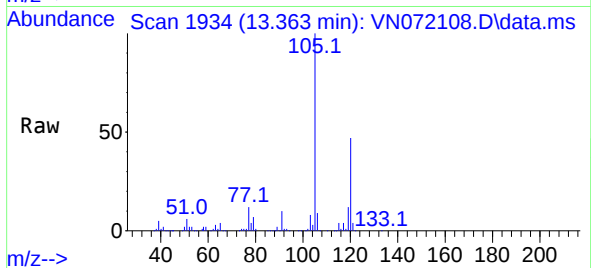




#84
1,2,4-Trimethylbenzene
Concen: 21.721 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Instrument :
MSVOA_N
ClientSampleId :
SPN-15

Tgt Ion:105 Resp: 656854
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8



#95
Naphthalene
Concen: 6.144 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072108.D
Acq: 21 Apr 2022 04:18

Tgt Ion:128 Resp: 53572
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 9.9 8.6 13.0

