

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071378.D
 Acq On : 18 Mar 2022 17:30
 Operator : JC\MD
 Sample : N1974-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-3

Quant Time: Mar 19 07:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

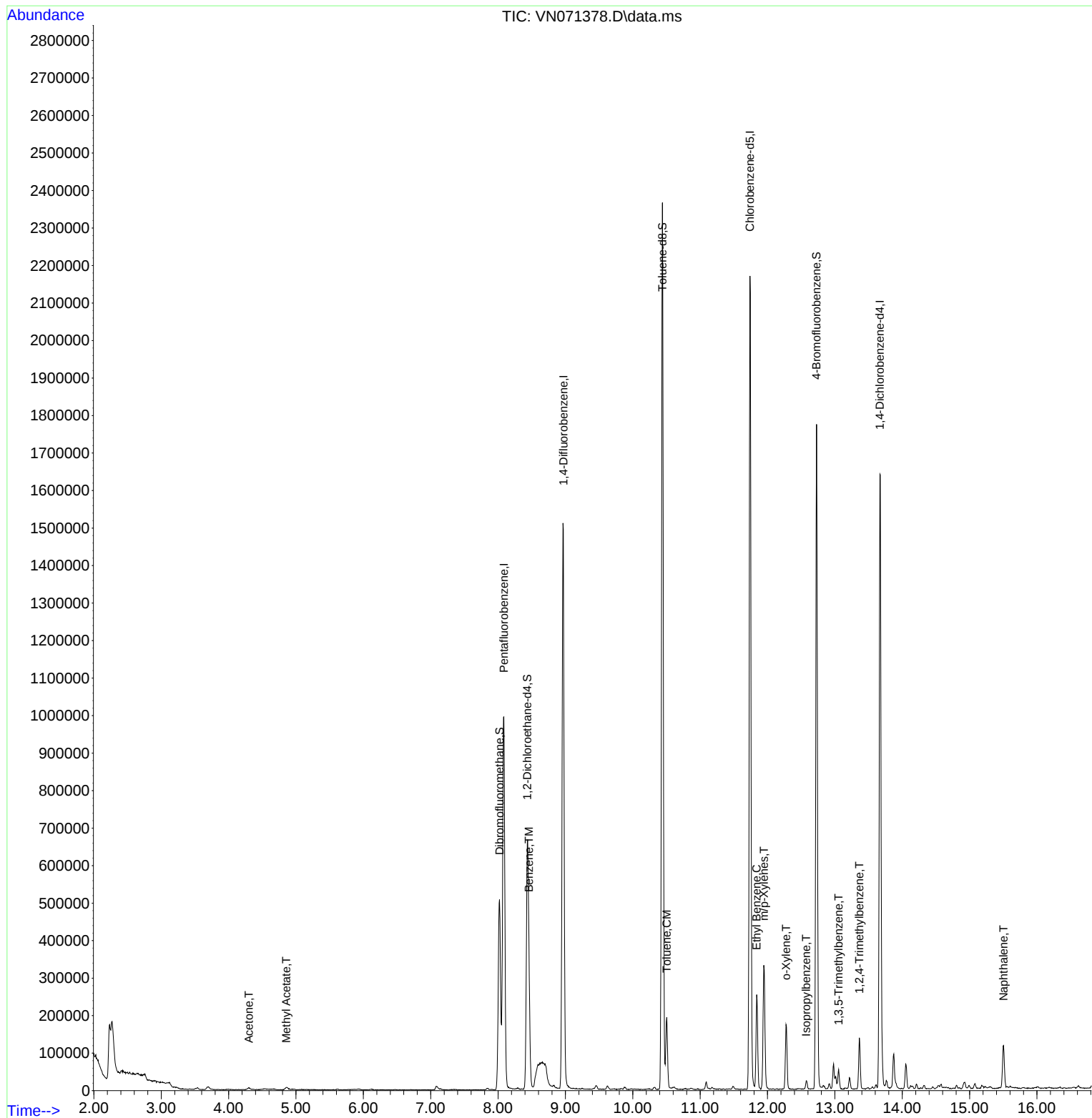
Internal Standards						
1) Pentafluorobenzene	8.087	168	775027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1304561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1241740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	461045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	502957	47.350	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.700%
35) Dibromofluoromethane	8.022	113	380203	46.185	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.360%
50) Toluene-d8	10.439	98	1606094	48.456	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.727	95	606190	54.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.020%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	6621	1.281	ug/l #	82
18) Methyl Acetate	4.857	43	15013	1.541	ug/l	97
40) Benzene	8.457	78	202873	5.105	ug/l	100
52) Toluene	10.504	92	78895	3.224	ug/l	94
67) Ethyl Benzene	11.839	91	180957	3.838	ug/l	98
68) m/p-Xylenes	11.945	106	107318	6.222	ug/l	97
69) o-Xylene	12.275	106	46681	2.700	ug/l	92
73) Isopropylbenzene	12.575	105	12898	0.290	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	23479	0.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	74974	2.264	ug/l	98
95) Naphthalene	15.504	128	106585	9.599	ug/l	99

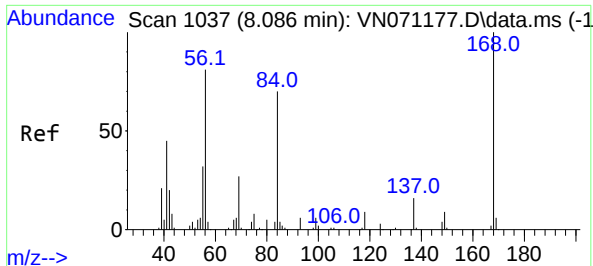
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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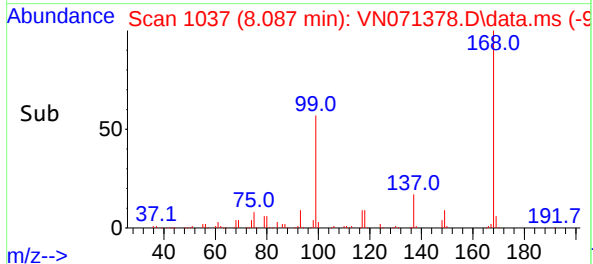
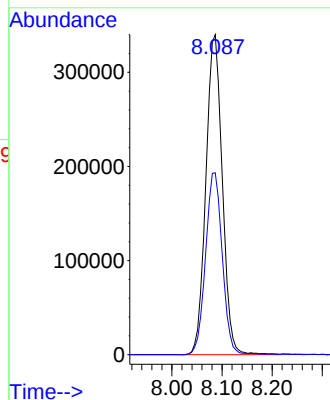
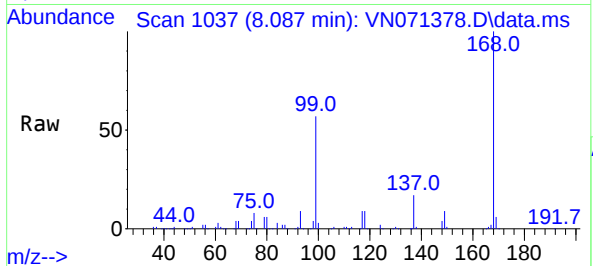




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

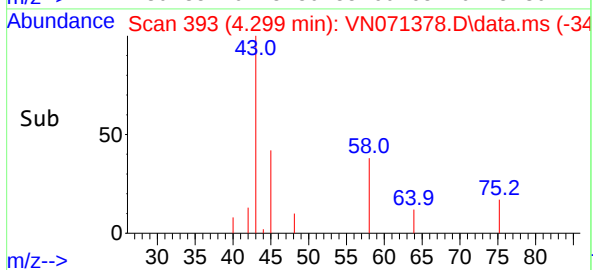
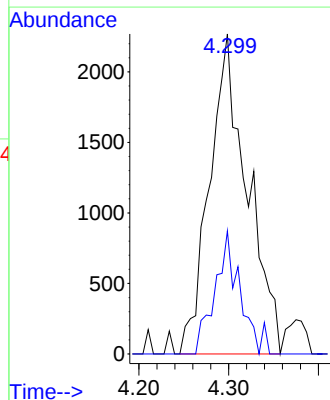
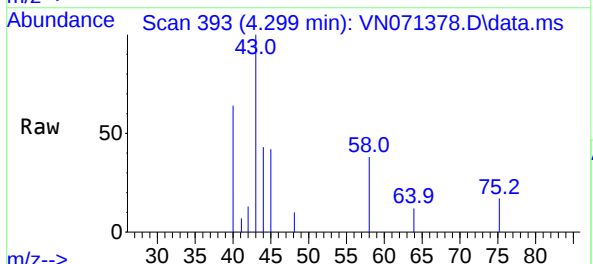
Instrument :
MSVOA_N
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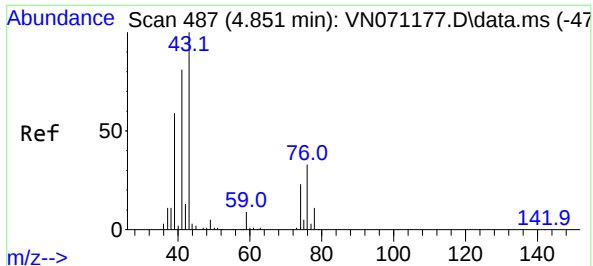
Tgt Ion:168 Resp: 775027
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9



#16
Acetone
Concen: 1.281 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion: 43 Resp: 6621
Ion Ratio Lower Upper
43 100
58 38.5 23.1 34.7#

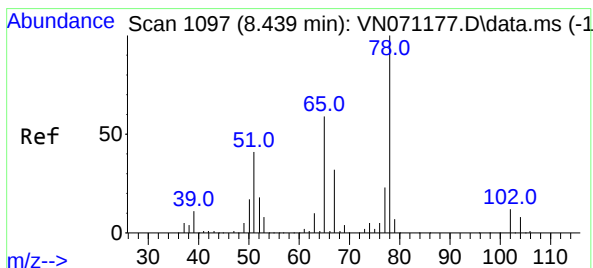
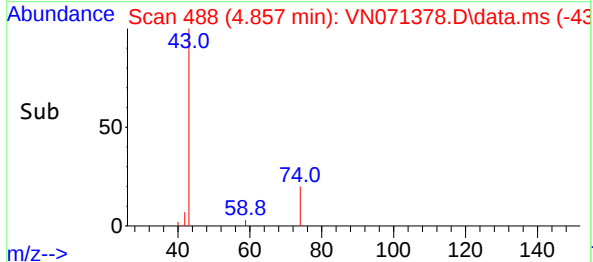
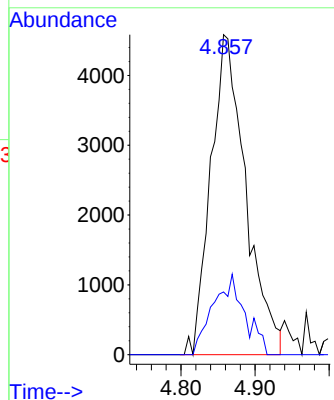
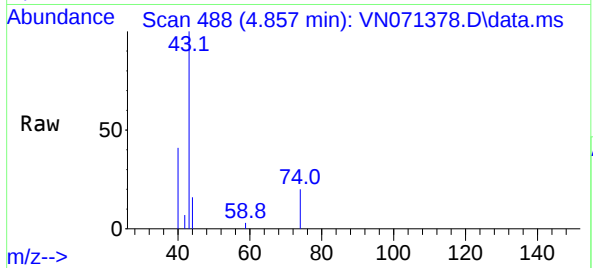




#18
Methyl Acetate
Concen: 1.541 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

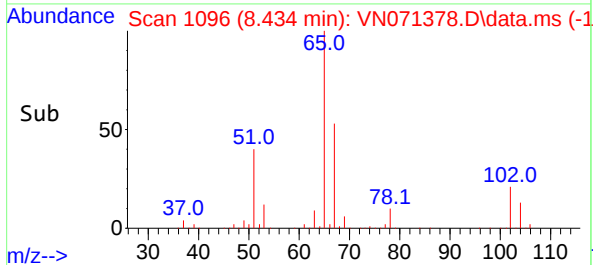
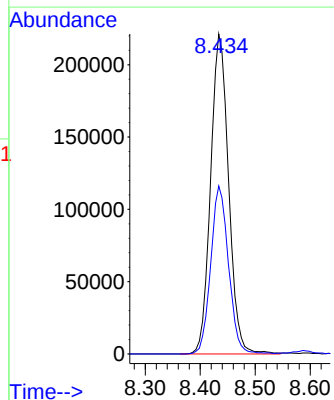
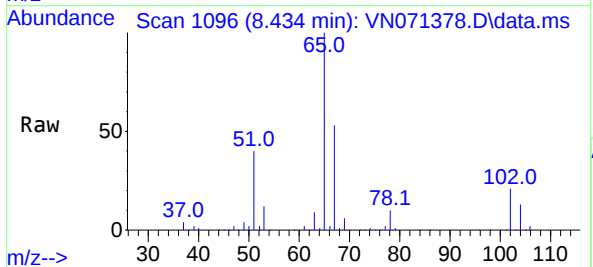
Instrument :
MSVOA_N
ClientSampleId :
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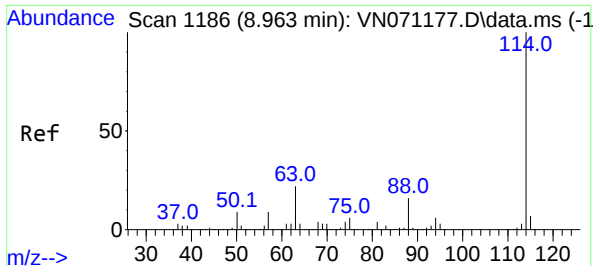
Tgt Ion: 43 Resp: 15013
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.350 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion: 65 Resp: 502957
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

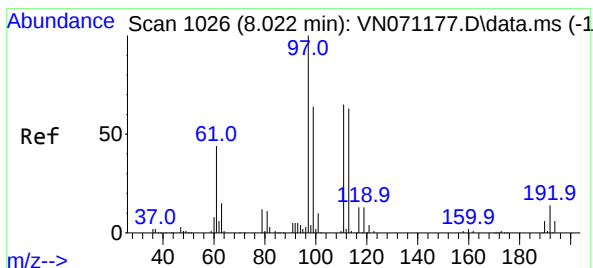
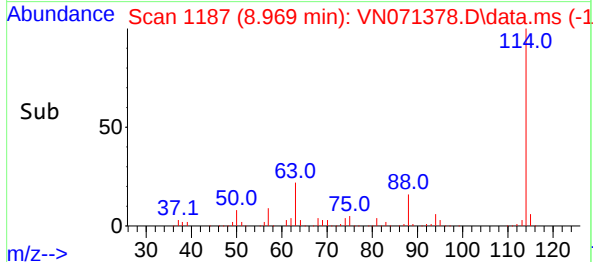
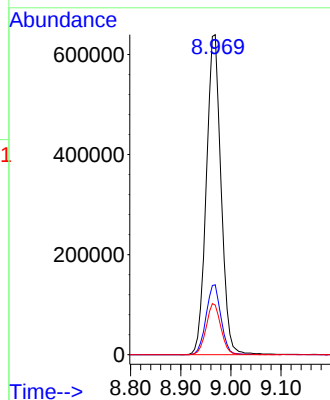
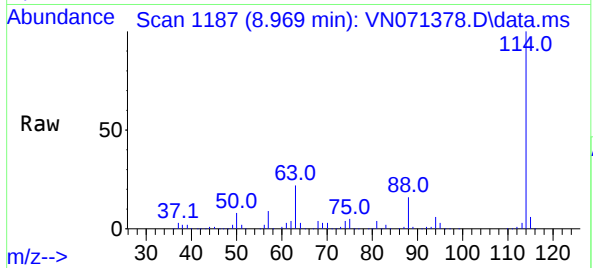




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

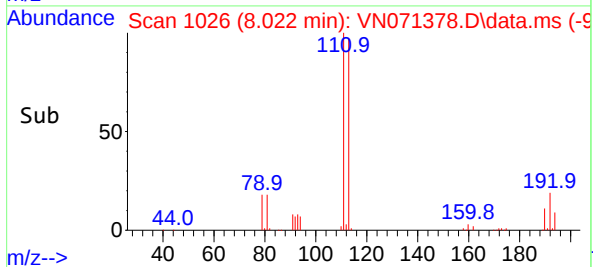
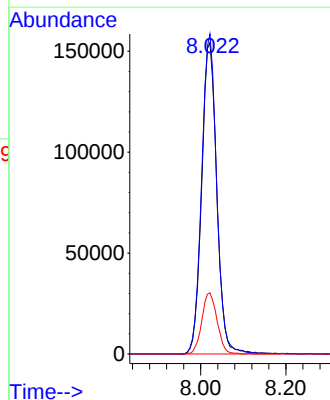
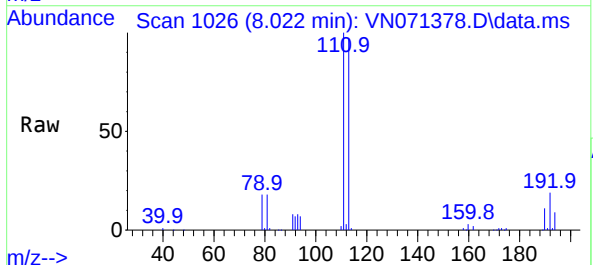
Instrument :
MSVOA_N
ClientSampleId :
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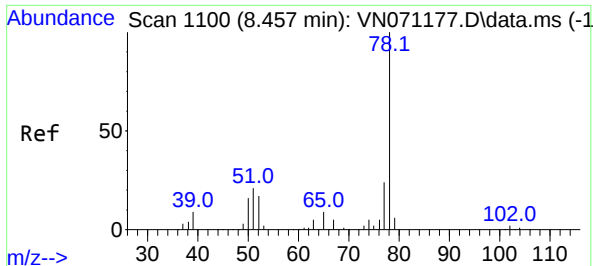
Tgt Ion:114 Resp: 1304561
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 15.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.185 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion:113 Resp: 380203
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.8 16.9 25.3

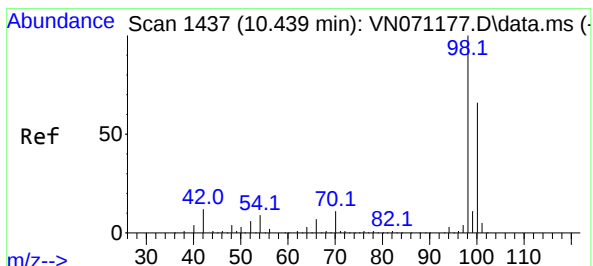
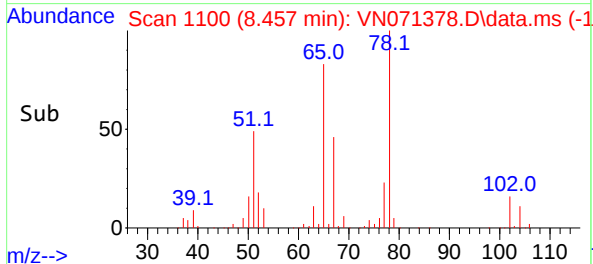
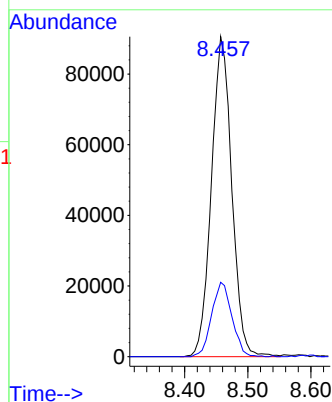
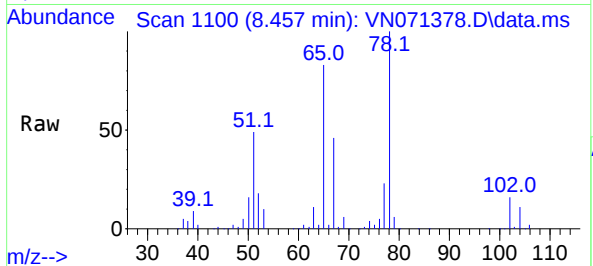




#40
Benzene
Concen: 5.105 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

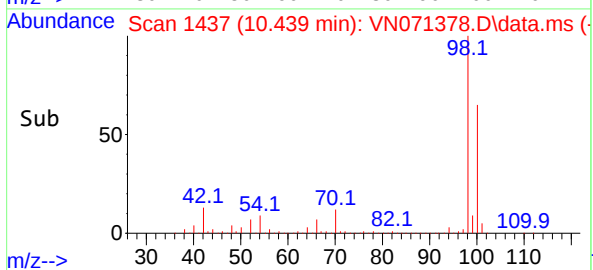
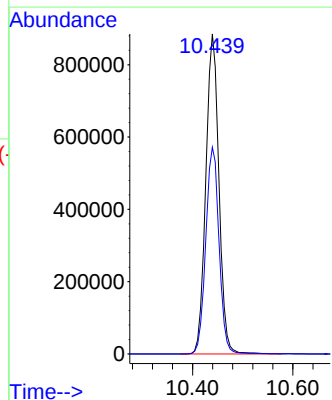
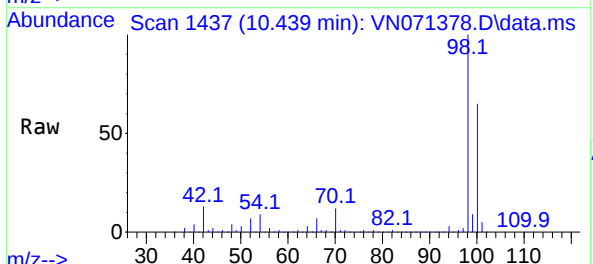
Instrument :
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ClientSampleId :
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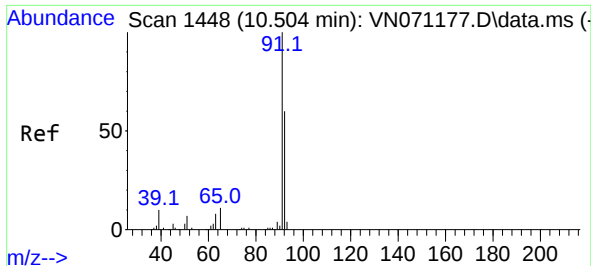
Tgt Ion: 78 Resp: 202873
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8



#50
Toluene-d8
Concen: 48.456 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion: 98 Resp: 1606094
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

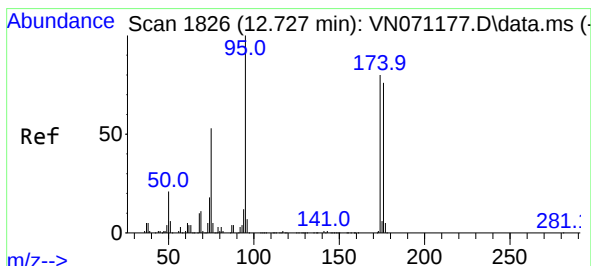
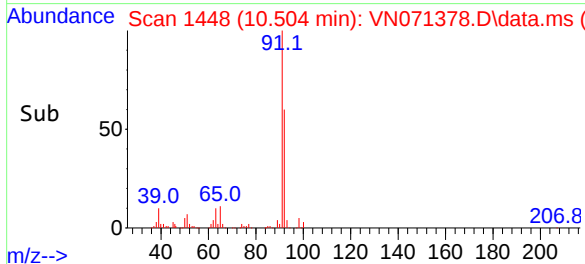
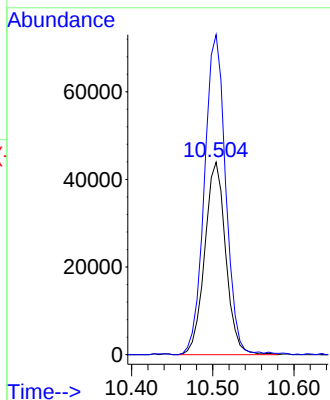
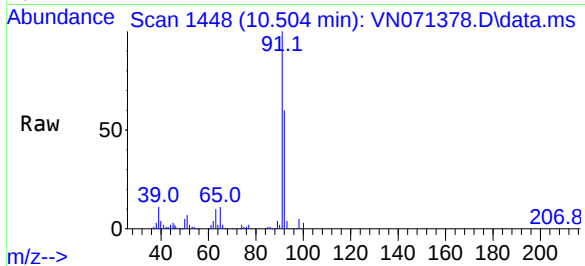




#52
Toluene
Concen: 3.224 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

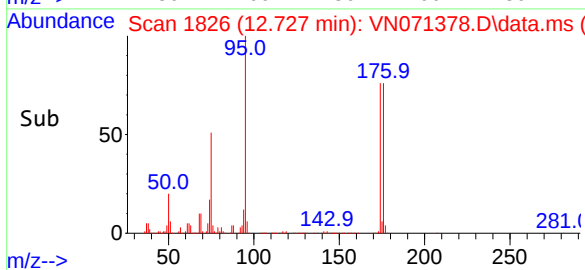
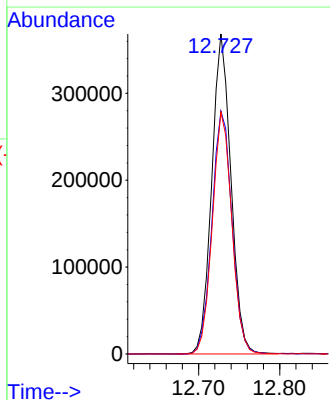
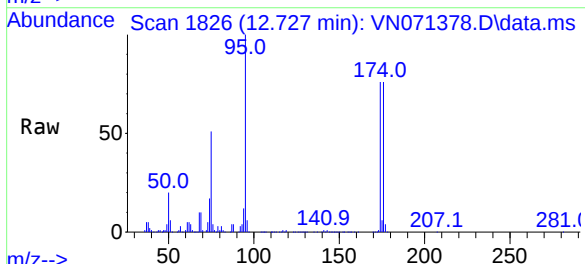
Instrument :
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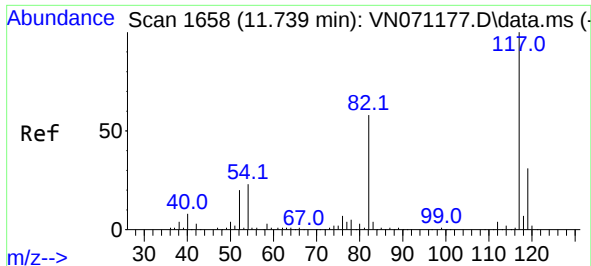
Tgt Ion: 92 Resp: 78895
Ion Ratio Lower Upper
92 100
91 168.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 54.009 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion: 95 Resp: 606190
Ion Ratio Lower Upper
95 100
174 79.3 0.0 187.2
176 76.5 0.0 181.4

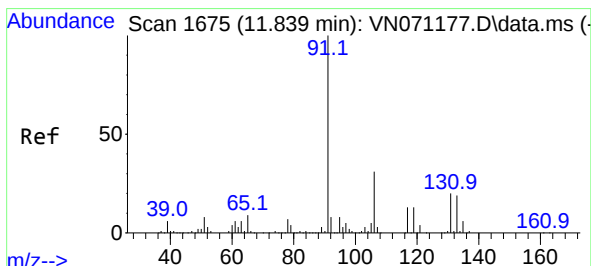
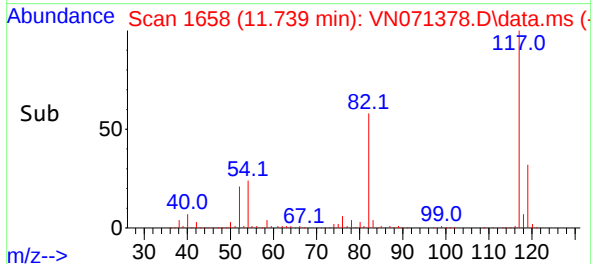
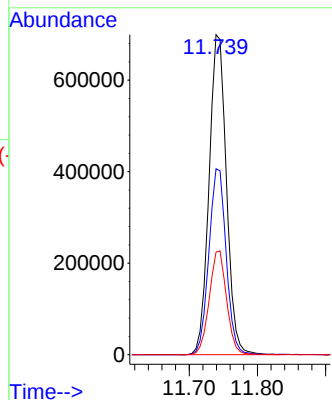
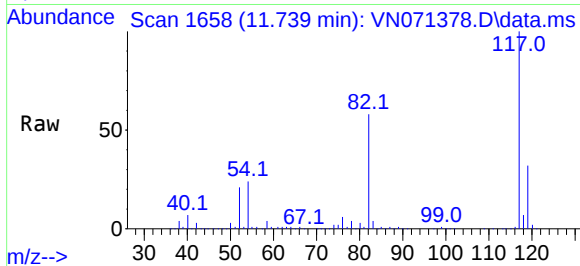




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

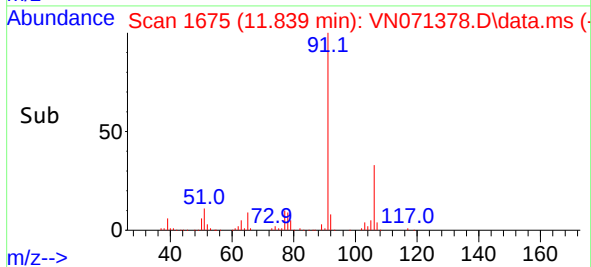
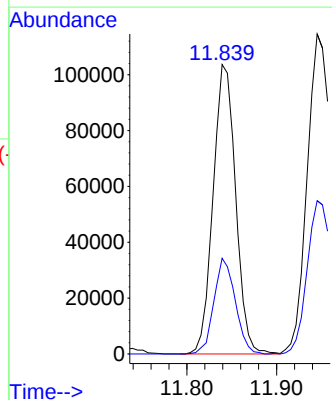
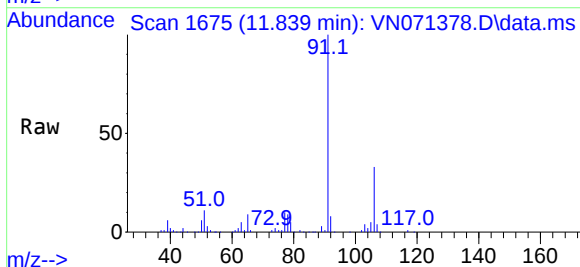
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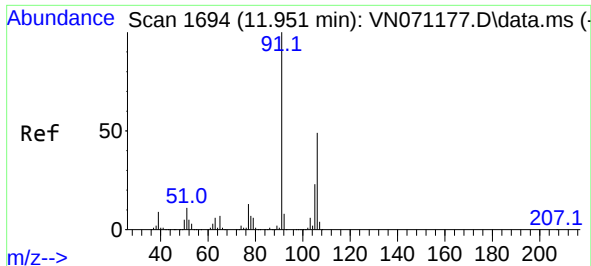
Tgt Ion:117 Resp: 1241740
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 3.838 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion: 91 Resp: 180957
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5

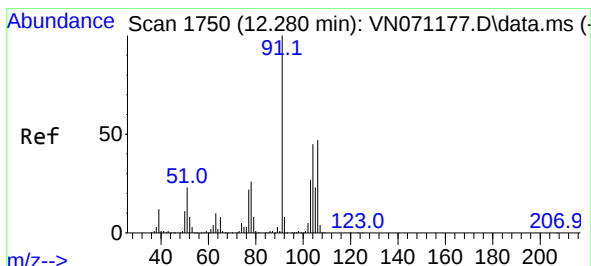
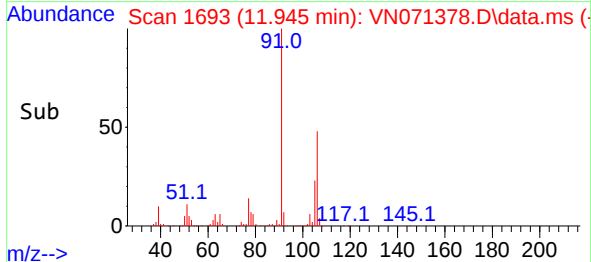
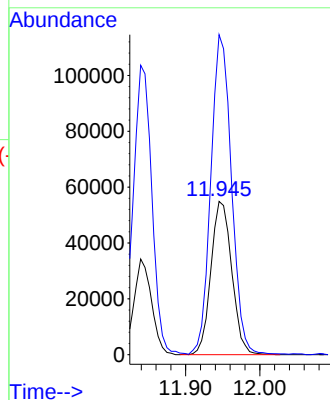
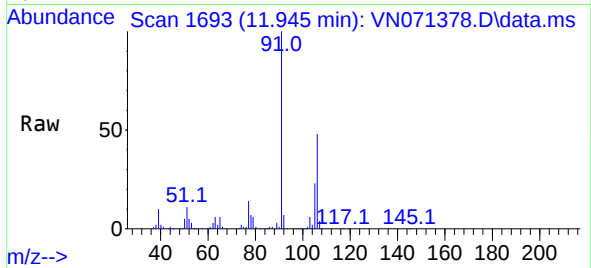




#68
m/p-Xylenes
Concen: 6.222 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

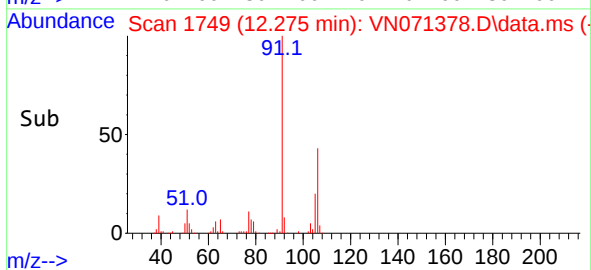
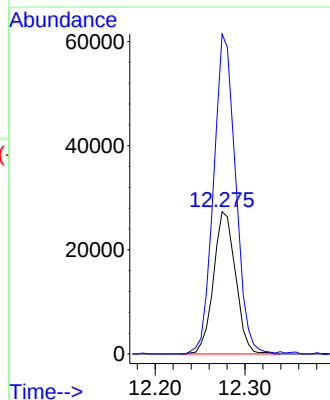
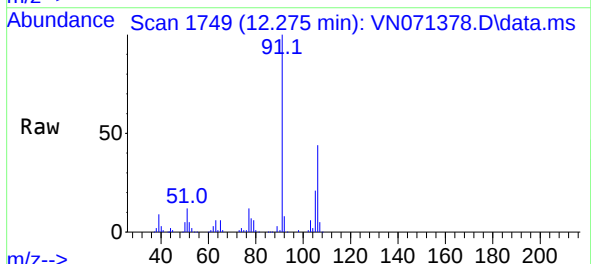
Instrument :
MSVOA_N
ClientSampleId :
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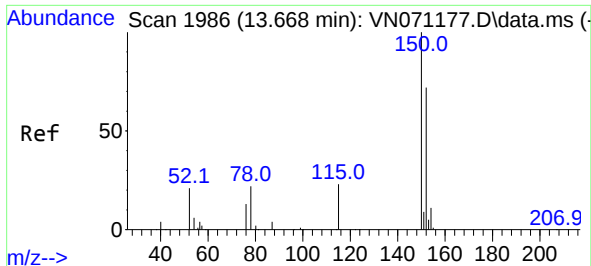
Tgt Ion:106 Resp: 107318
Ion Ratio Lower Upper
106 100
91 205.8 160.6 240.8



#69
o-Xylene
Concen: 2.700 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion:106 Resp: 46681
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3

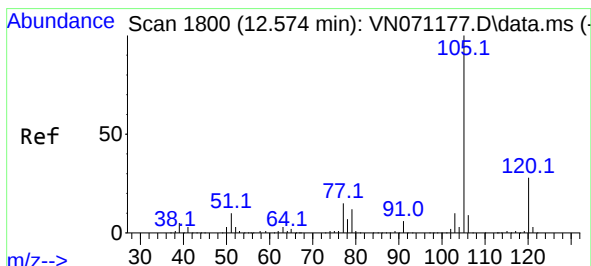
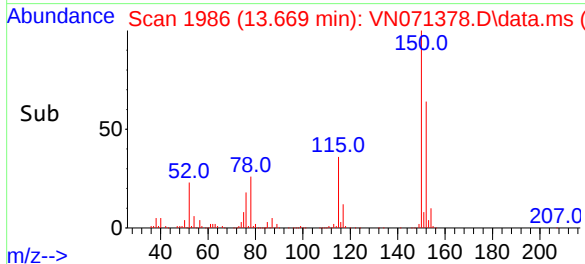
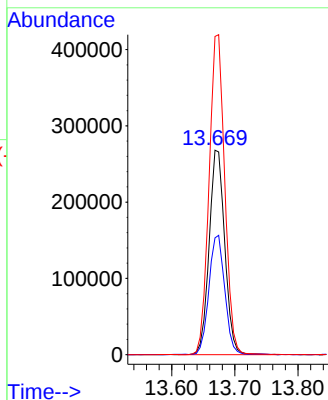
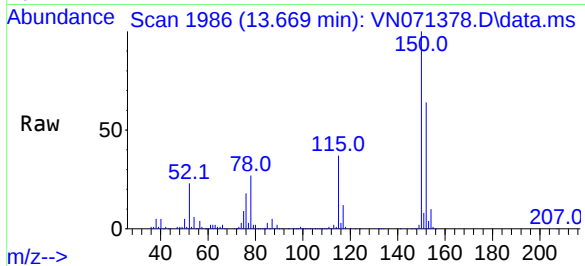




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

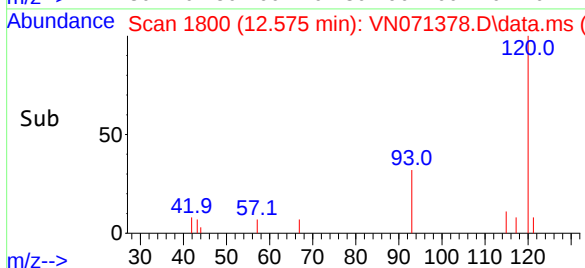
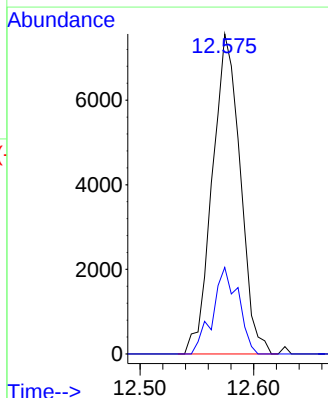
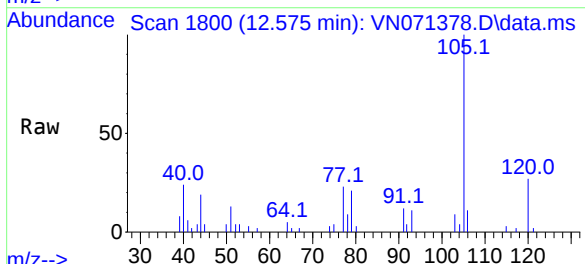
Instrument :
MSVOA_N
ClientSampleId :
B-3

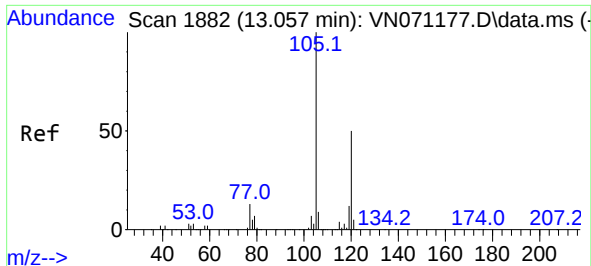
Tgt Ion:152 Resp: 461045
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 157.0 0.0 344.4



#73
Isopropylbenzene
Concen: 0.290 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion:105 Resp: 12898
Ion Ratio Lower Upper
105 100
120 24.9 13.4 40.1

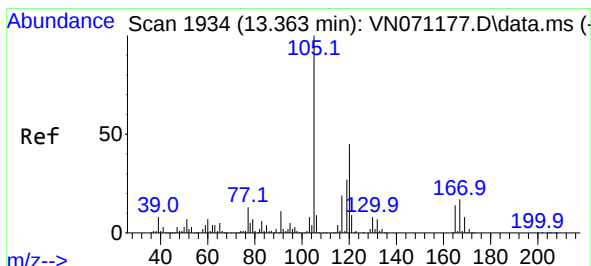
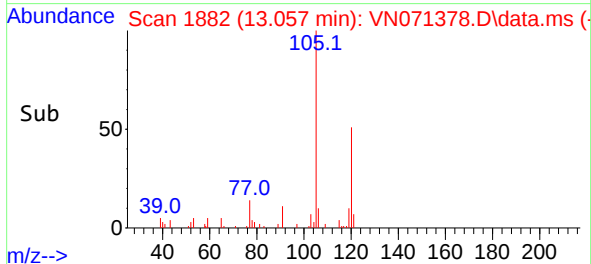
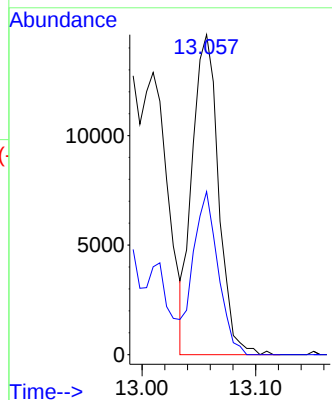
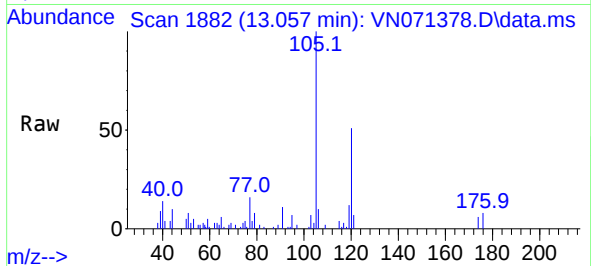




#80
1,3,5-Trimethylbenzene
Concen: 0.679 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

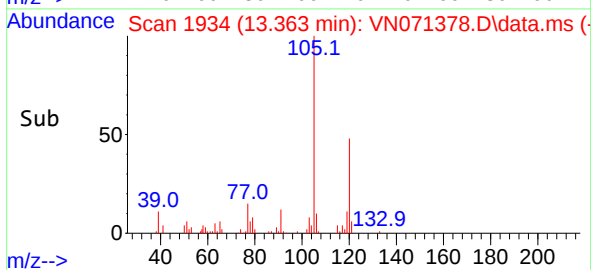
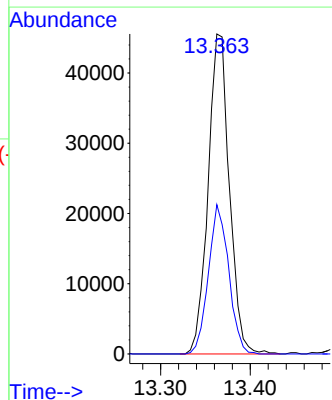
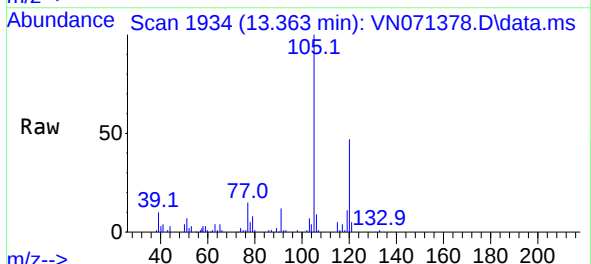
Instrument :
MSVOA_N
ClientSampleId :
B-3

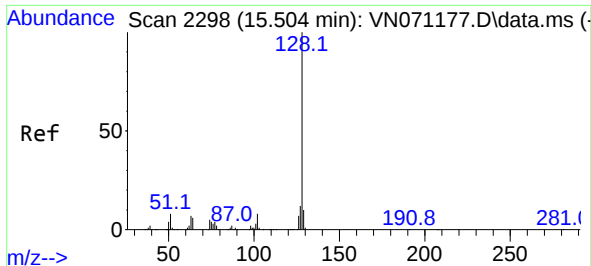
Tgt Ion:105 Resp: 23479
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 2.264 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Tgt Ion:105 Resp: 74974
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





#95
Naphthalene
Concen: 9.599 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071378.D
Acq: 18 Mar 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
B-3

Tgt Ion:128 Resp: 106585
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 11.1 8.7 13.1

