

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071376.D
 Acq On : 18 Mar 2022 16:42
 Operator : JC\MD
 Sample : N1974-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-3

Quant Time: Mar 19 07:09:03 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	8.086	168	819708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1376127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1330497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	505901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	531574	47.317	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.640%
35) Dibromofluoromethane	8.016	113	405004	46.639	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.280%
50) Toluene-d8	10.439	98	1709109	48.882	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.727	95	663380	56.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.060%

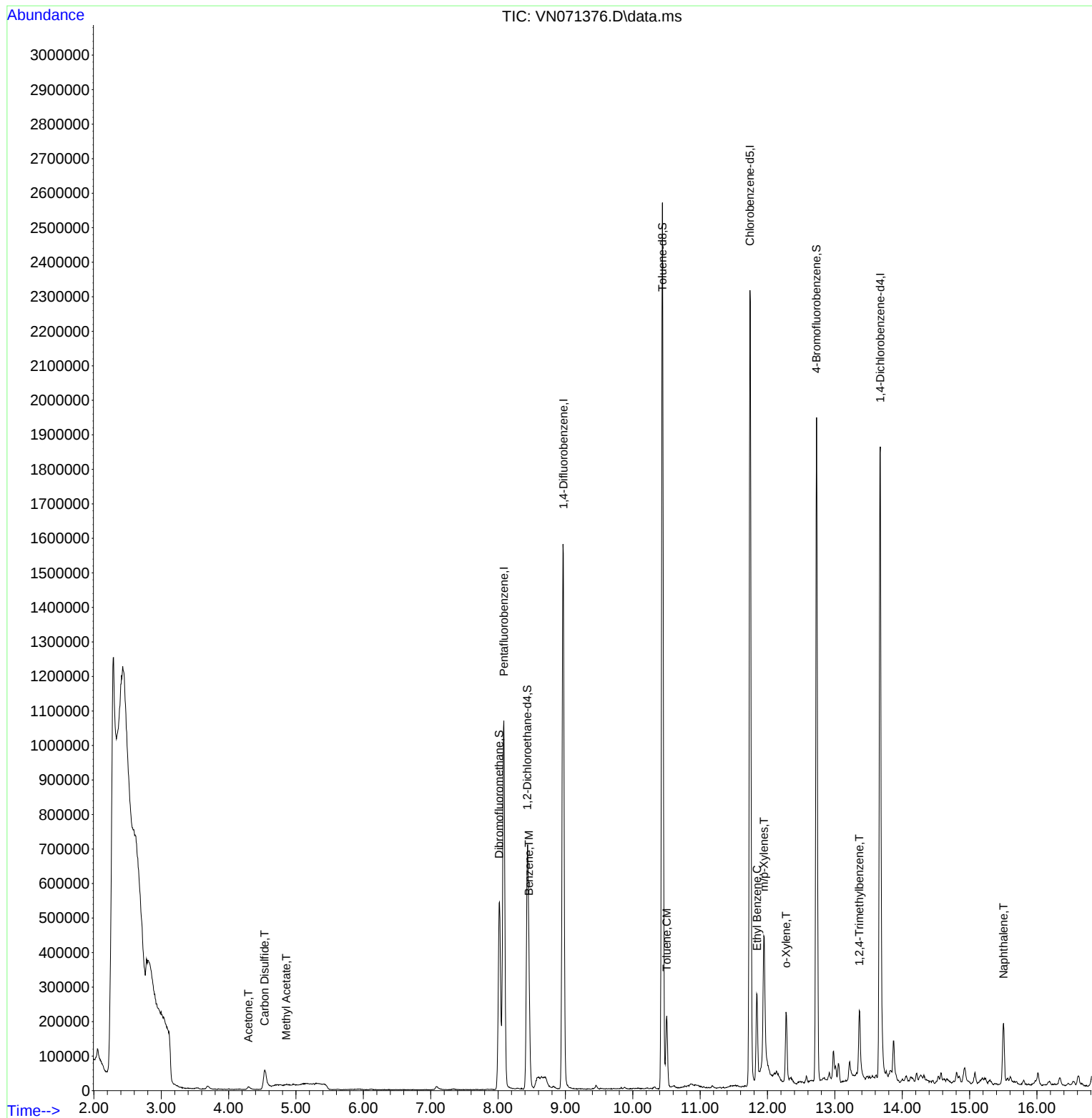
Target Compounds					Qvalue	
16) Acetone	4.292	43	13092	2.395	ug/l	# 85
17) Carbon Disulfide	4.534	76	141450	6.046	ug/l	98
18) Methyl Acetate	4.857	43	9409	1.105	ug/l	94
40) Benzene	8.457	78	204944	4.889	ug/l	95
52) Toluene	10.504	92	85867	3.326	ug/l	99
67) Ethyl Benzene	11.845	91	187147	3.704	ug/l	98
68) m/p-Xylenes	11.945	106	119521	6.467	ug/l	99
69) o-Xylene	12.274	106	55968	3.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	103747	2.855	ug/l	99
95) Naphthalene	15.503	128	166384	11.515	ug/l	99

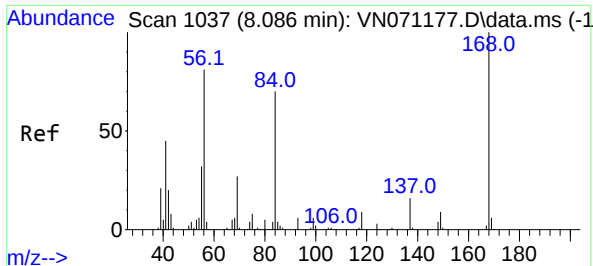
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

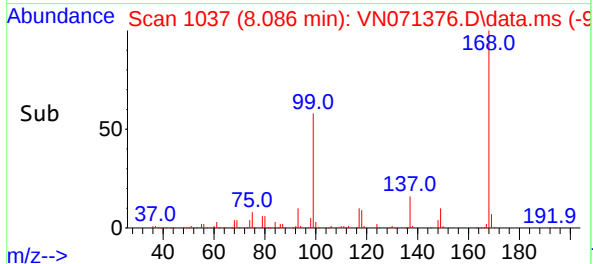
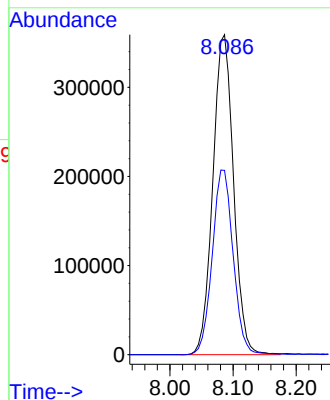
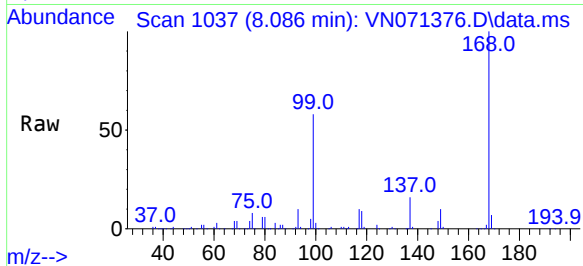




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

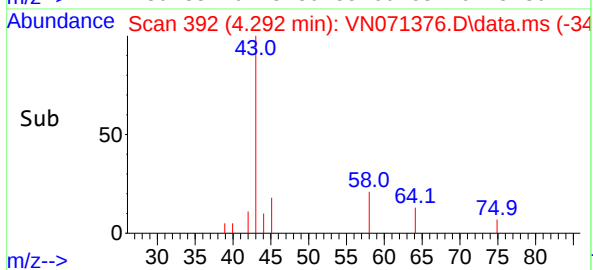
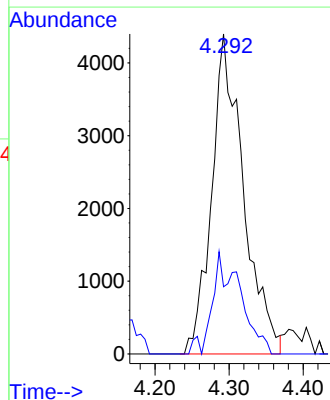
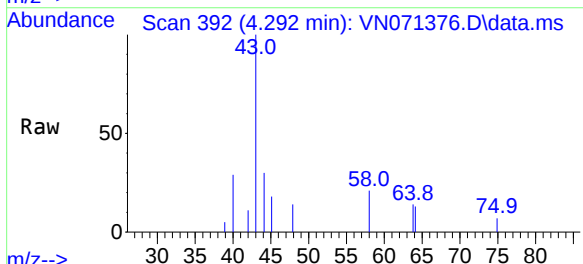
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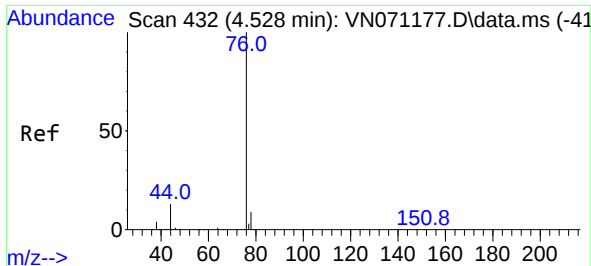
Tgt Ion:168 Resp: 819708
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#16
Acetone
Concen: 2.395 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 43 Resp: 13092
Ion Ratio Lower Upper
43 100
58 21.0 23.1 34.7#

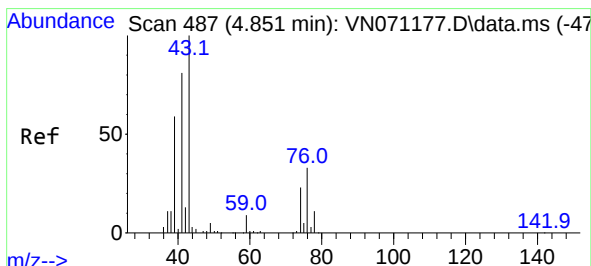
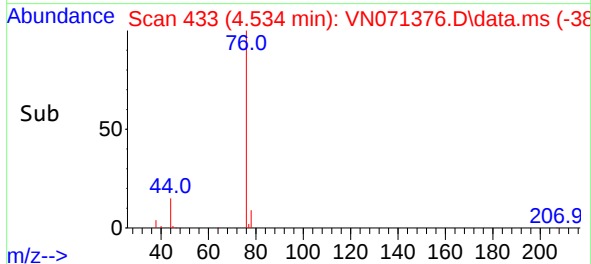
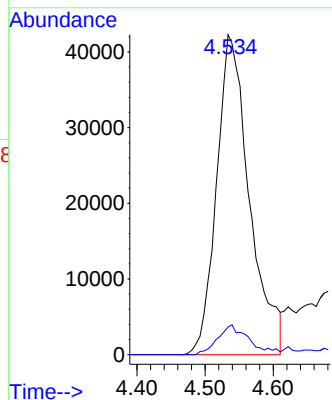
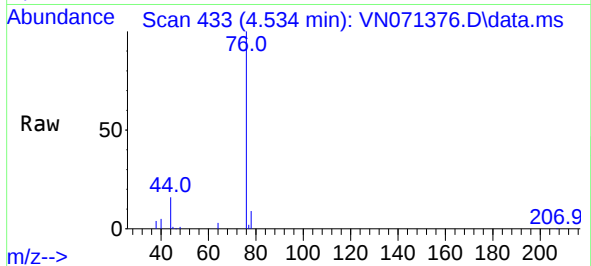




#17
Carbon Disulfide
Concen: 6.046 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

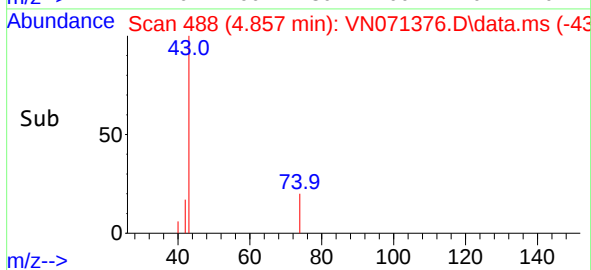
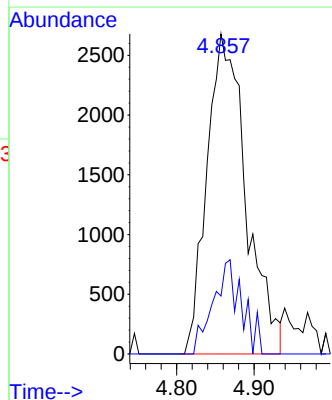
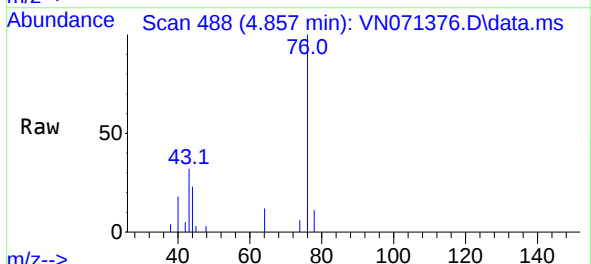
Instrument :
MSVOA_N
ClientSampleId :
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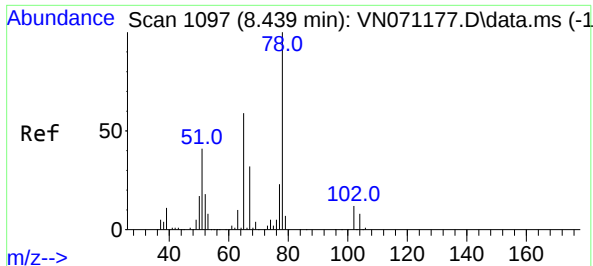
Tgt Ion: 76 Resp: 141450
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 43 Resp: 9409
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2

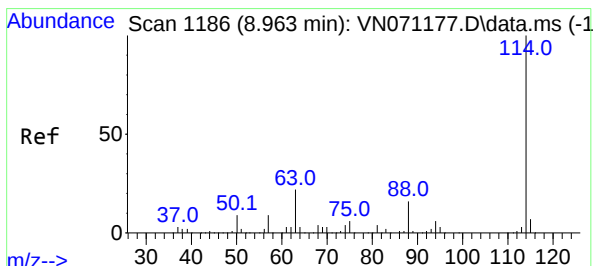
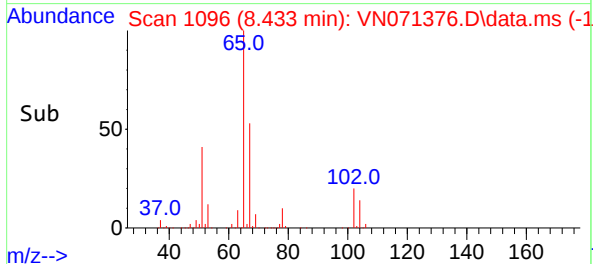
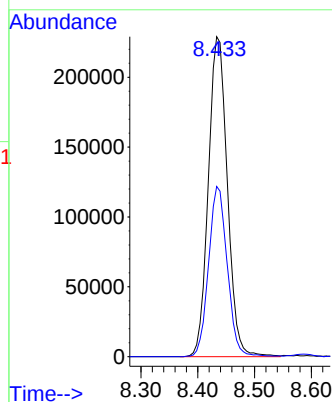
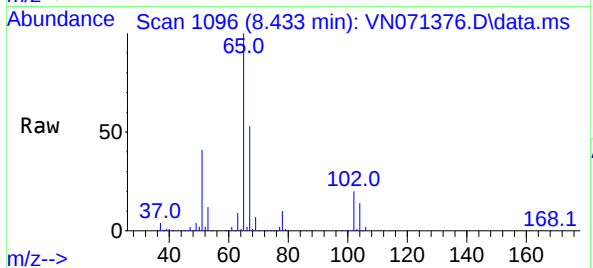




#33
1,2-Dichloroethane-d4
Concen: 47.317 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

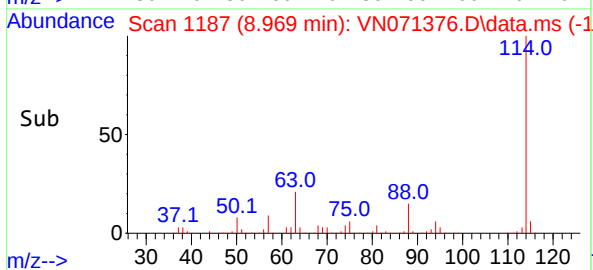
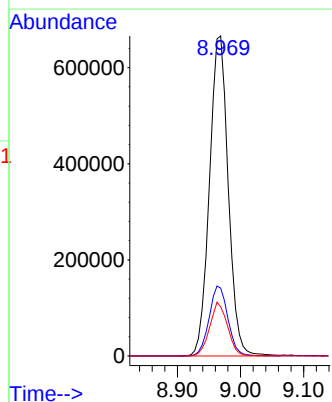
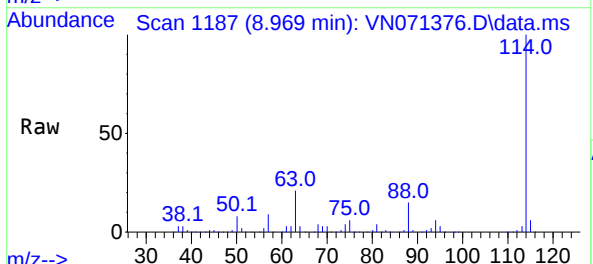
Instrument :
MSVOA_N
ClientSampleId :
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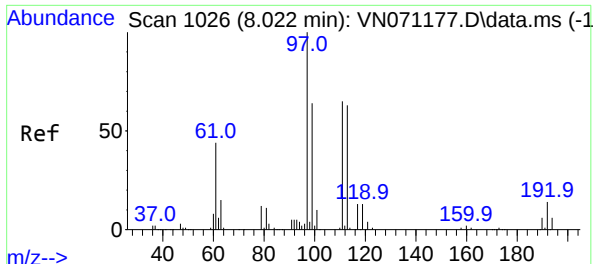
Tgt Ion: 65 Resp: 531574
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion:114 Resp: 1376127
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.3 0.0 27.4

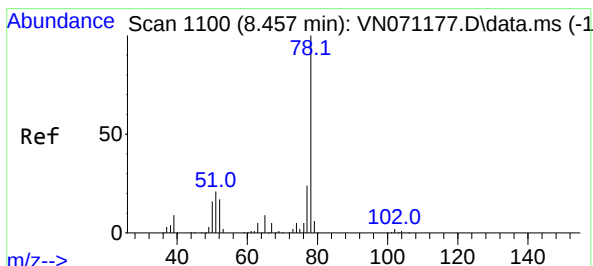
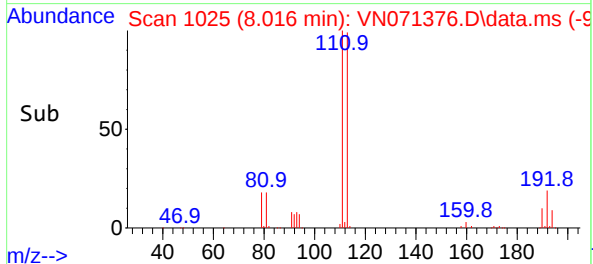
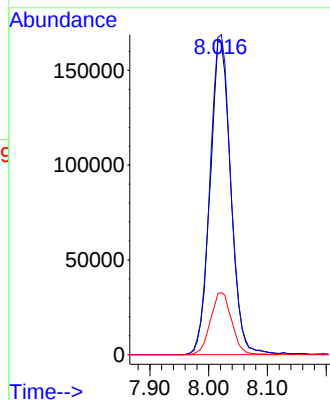
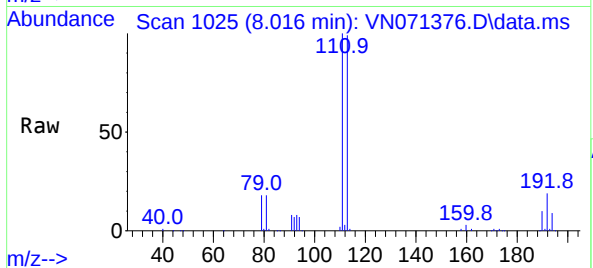




#35
Dibromofluoromethane
Concen: 46.639 ug/l
RT: 8.016 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

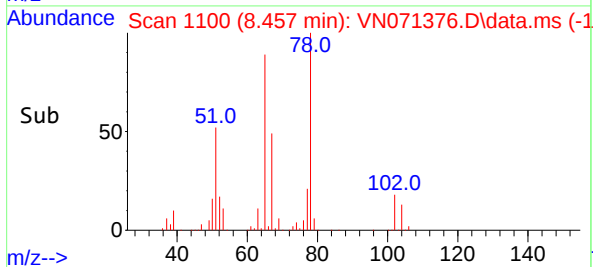
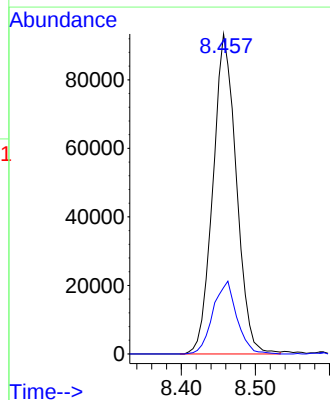
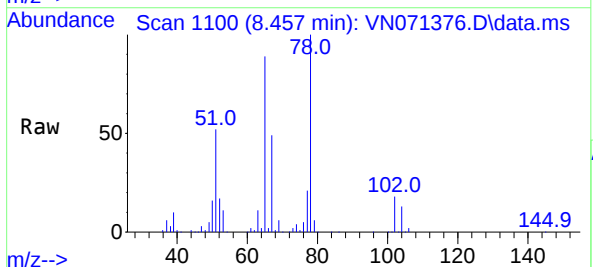
Instrument :
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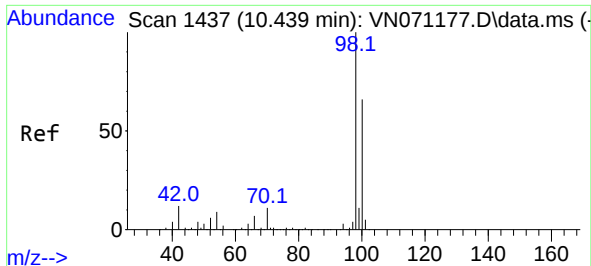
Tgt Ion:113 Resp: 405004
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.2 16.9 25.3



#40
Benzene
Concen: 4.889 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 78 Resp: 204944
Ion Ratio Lower Upper
78 100
77 20.8 18.6 27.8

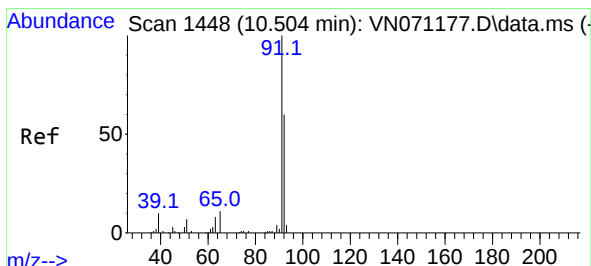
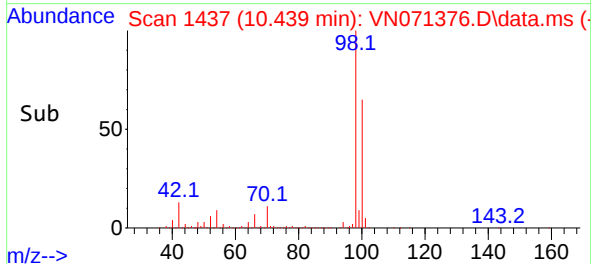
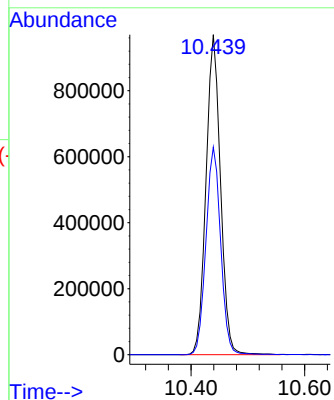
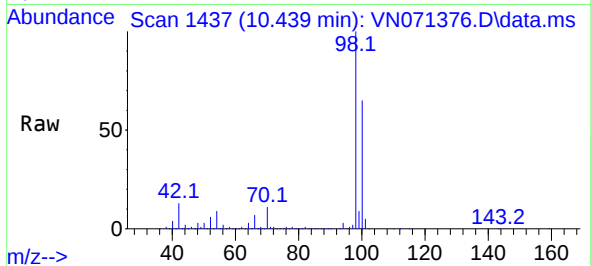




#50
Toluene-d8
Concen: 48.882 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

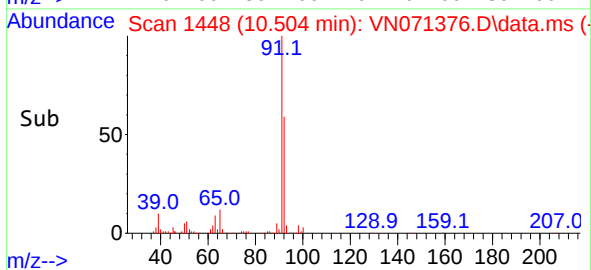
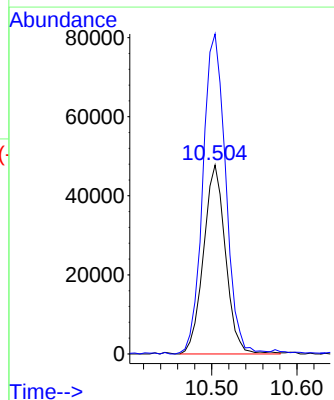
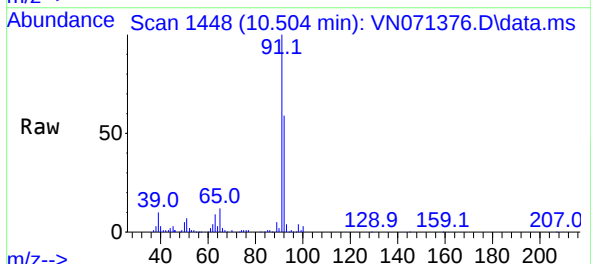
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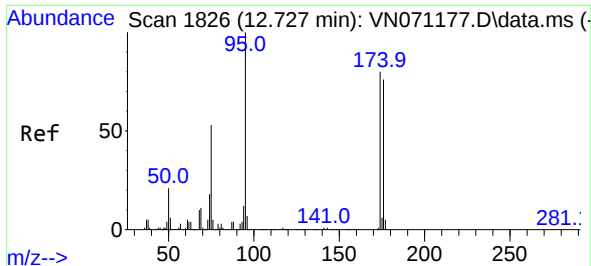
Tgt Ion: 98 Resp: 1709109
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6



#52
Toluene
Concen: 3.326 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 92 Resp: 85867
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0

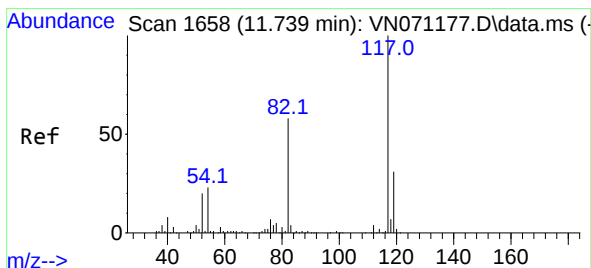
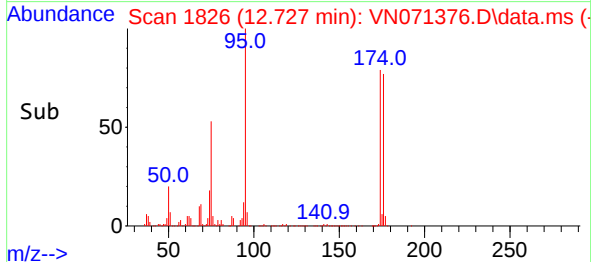
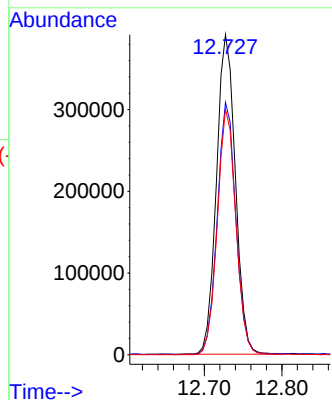
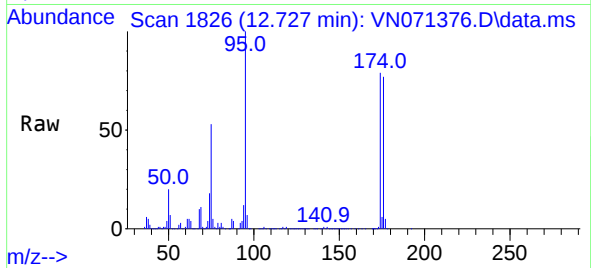




#62
4-Bromofluorobenzene
Concen: 56.031 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

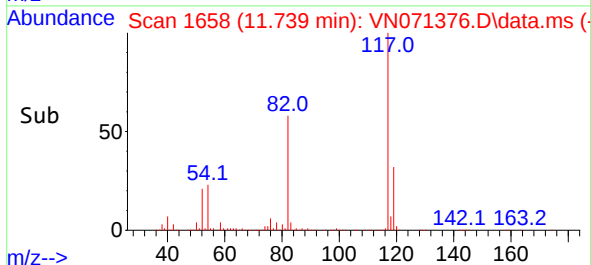
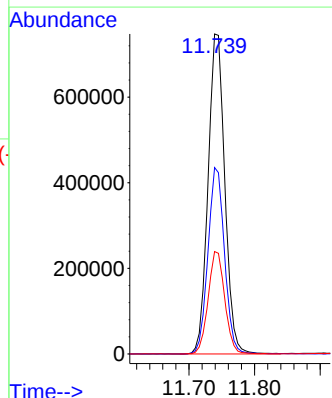
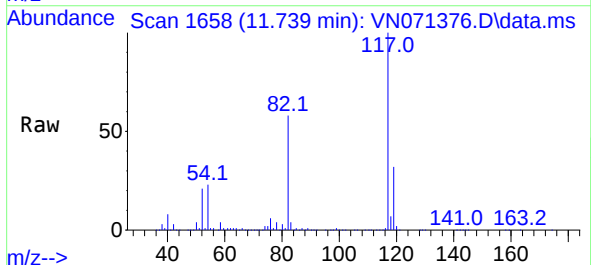
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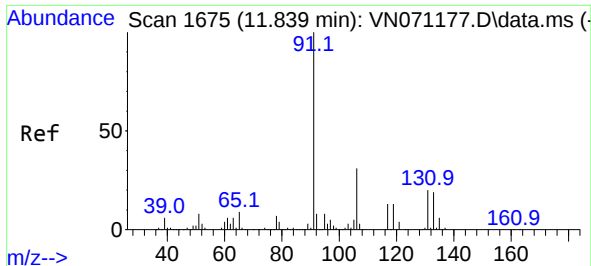
Tgt Ion: 95 Resp: 663380
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 75.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 117 Resp: 1330497
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2

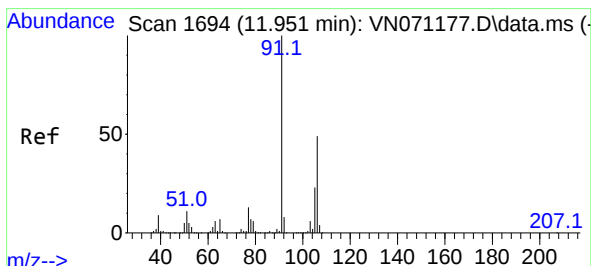
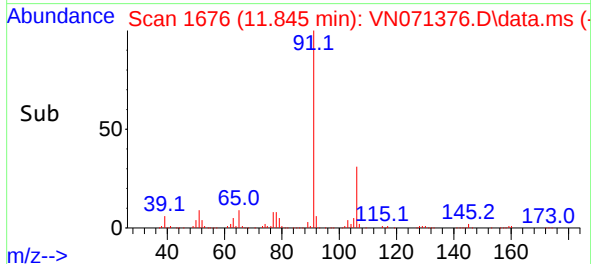
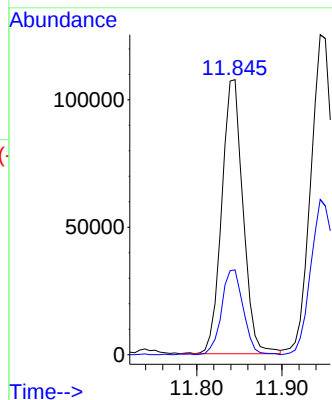
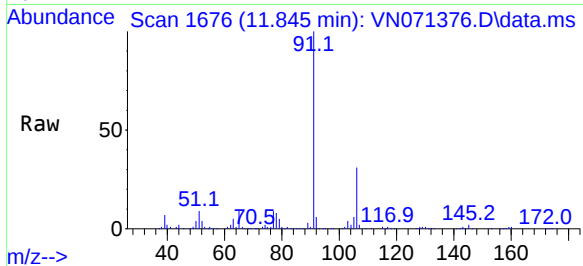




#67
Ethyl Benzene
Concen: 3.704 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

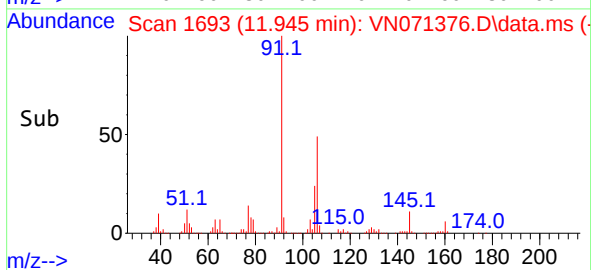
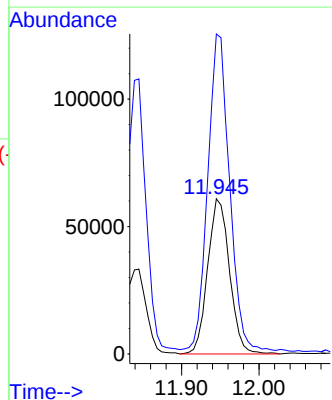
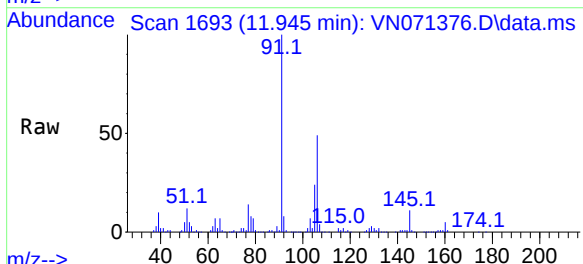
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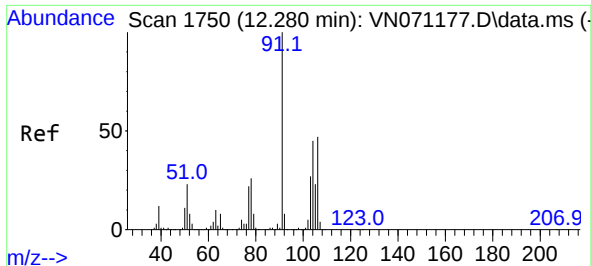
Tgt Ion: 91 Resp: 187147
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 6.467 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion: 106 Resp: 119521
Ion Ratio Lower Upper
106 100
91 202.8 160.6 240.8

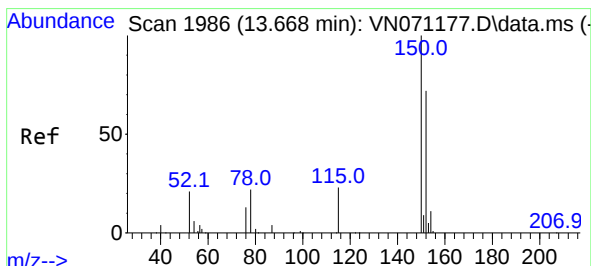
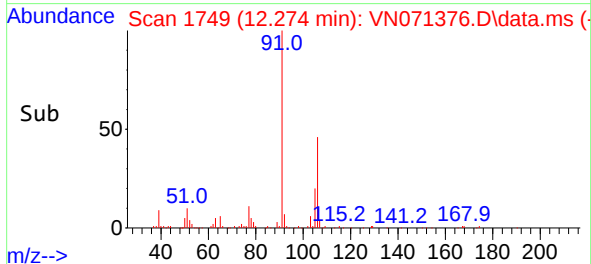
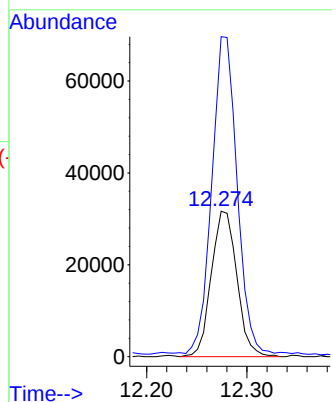
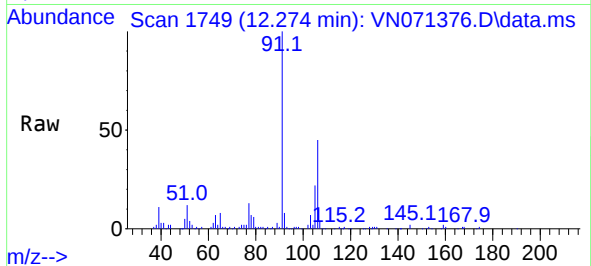




#69
o-Xylene
Concen: 3.021 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

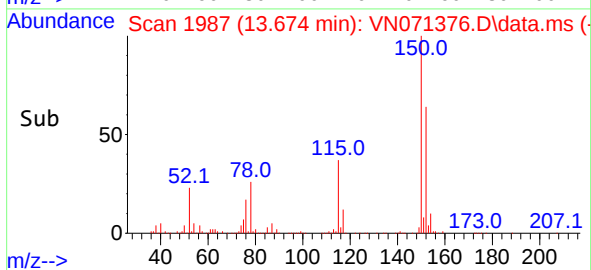
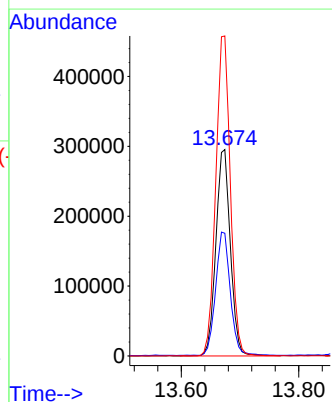
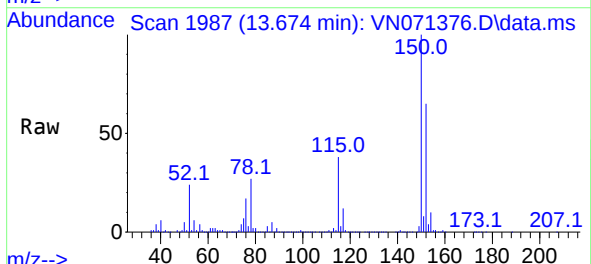
Instrument :
MSVOA_N
ClientSampleId :
B-3

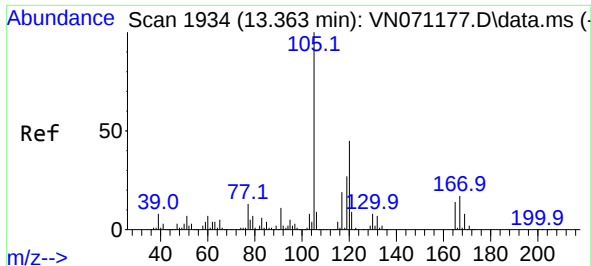
Tgt Ion:106 Resp: 55968
Ion Ratio Lower Upper
106 100
91 218.6 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion:152 Resp: 505901
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 155.6 0.0 344.4

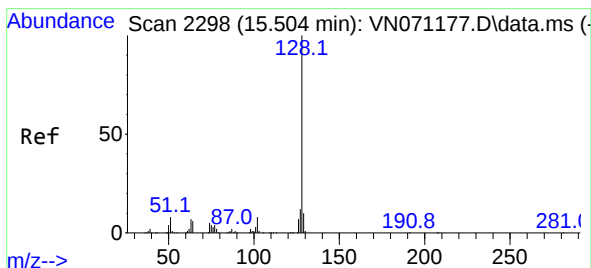
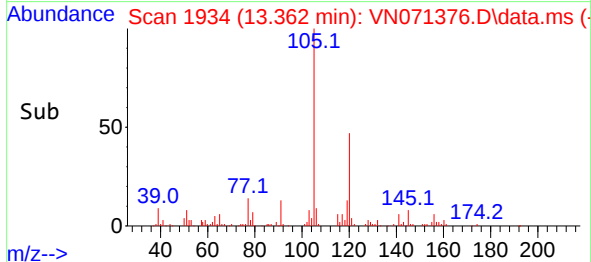
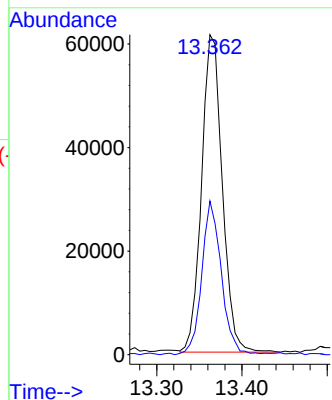
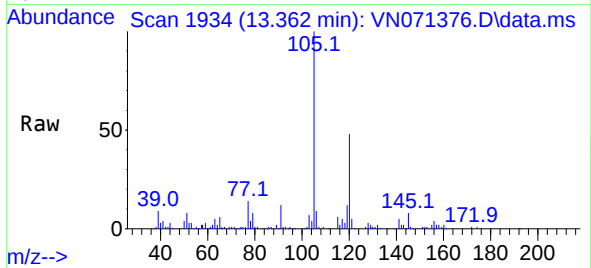




#84
1,2,4-Trimethylbenzene
Concen: 2.855 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
B-3

Tgt Ion:105 Resp: 103747
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4



#95
Naphthalene
Concen: 11.515 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VN071376.D
Acq: 18 Mar 2022 16:42

Tgt Ion:128 Resp: 166384
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1

