

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071393.D
 Acq On : 19 Mar 2022 13:18
 Operator : JC\MD
 Sample : N1974-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-3

Quant Time: Mar 21 05:50:37 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)

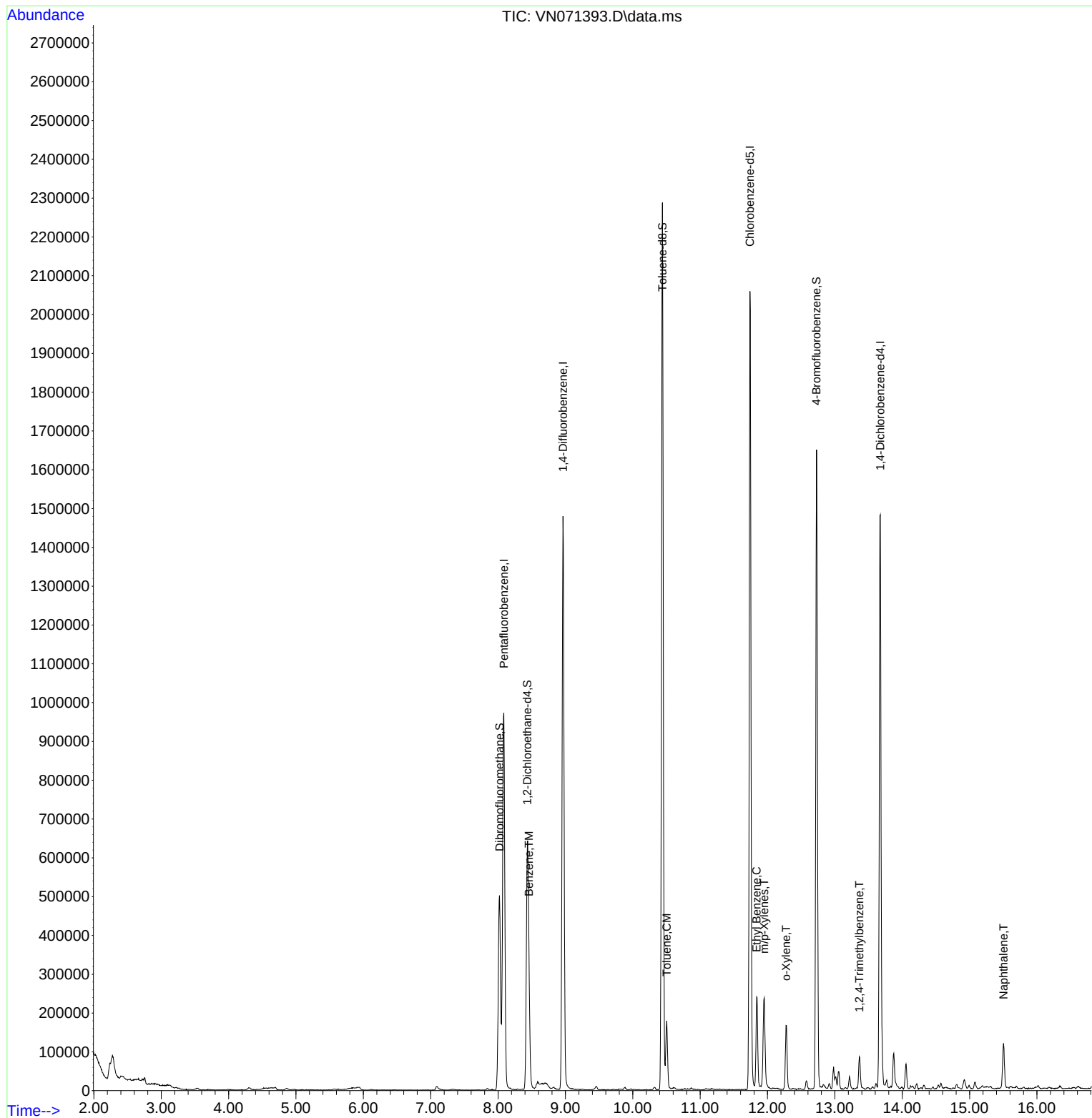
Internal Standards						
1) Pentafluorobenzene	8.087	168	759624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1261114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1176127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	411484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	486894	46.768	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.540%
35) Dibromofluoromethane	8.022	113	367735	46.209	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.420%
50) Toluene-d8	10.439	98	1572045	49.063	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.727	95	579277	53.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.780%
Target Compounds						
					Qvalue	
40) Benzene	8.457	78	180866	4.708	ug/l	96
52) Toluene	10.504	92	70442	2.978	ug/l	95
67) Ethyl Benzene	11.839	91	177589	3.977	ug/l	91
68) m/p-Xylenes	11.951	106	75324	4.610	ug/l	94
69) o-Xylene	12.275	106	46891	2.863	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	46123	1.560	ug/l	99
95) Naphthalene	15.504	128	109910	10.304	ug/l	99

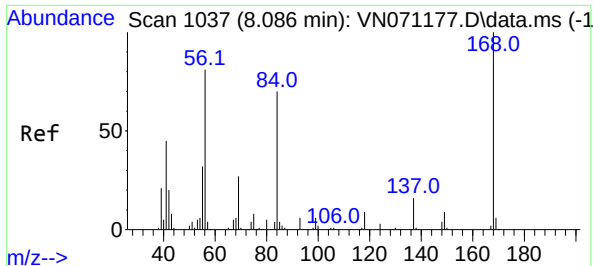
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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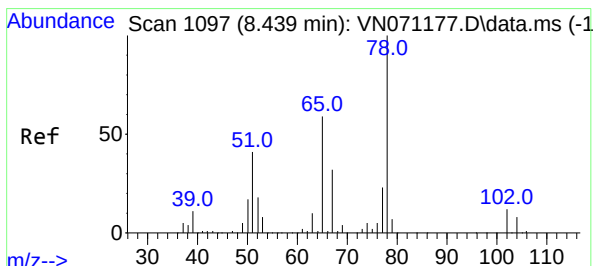
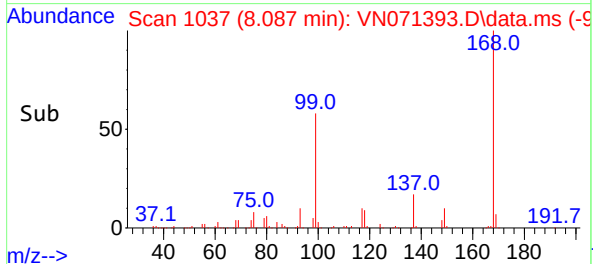
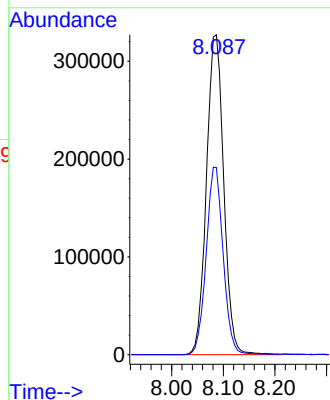
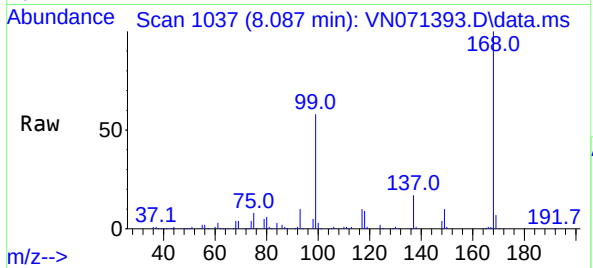




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

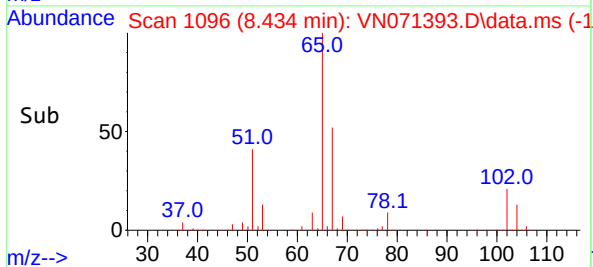
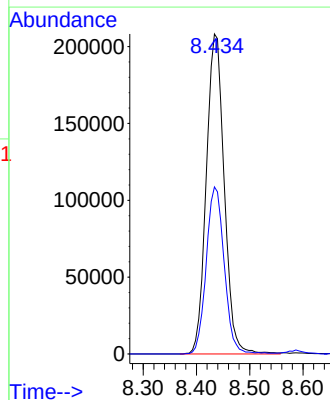
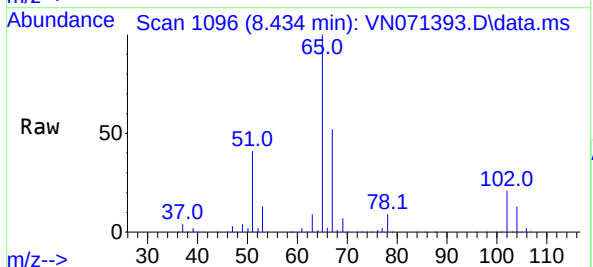
Instrument :
MSVOA_N
ClientSampleId :
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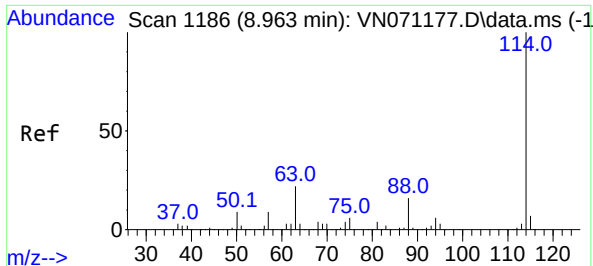
Tgt Ion:168 Resp: 759624
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 46.768 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion: 65 Resp: 486894
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

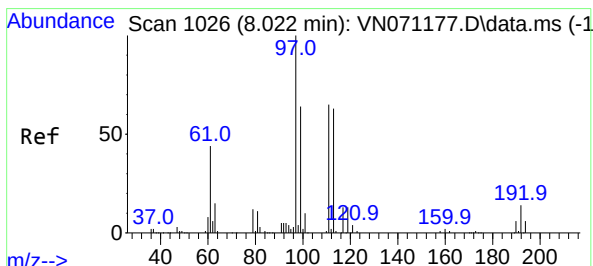
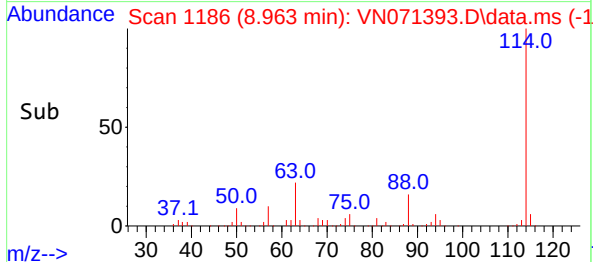
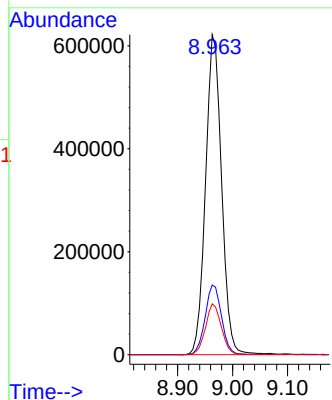
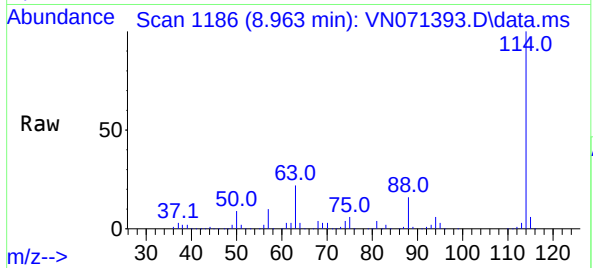




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

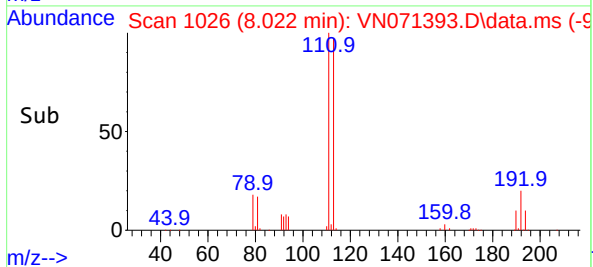
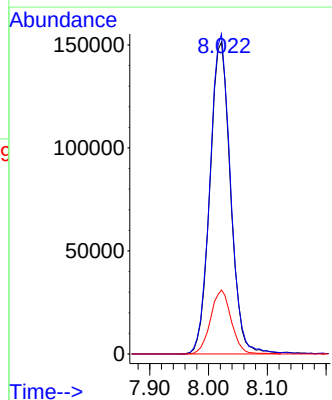
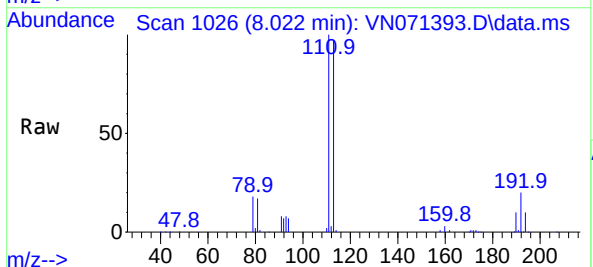
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ClientSampleId :
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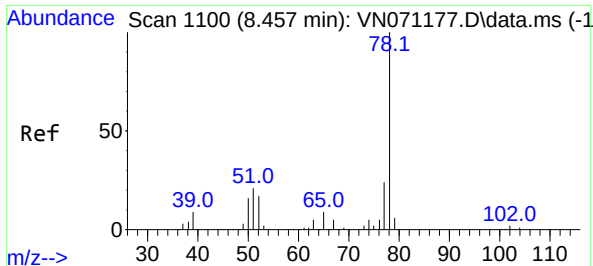
Tgt Ion:114 Resp: 1261114
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.209 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion:113 Resp: 367735
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.6 16.9 25.3

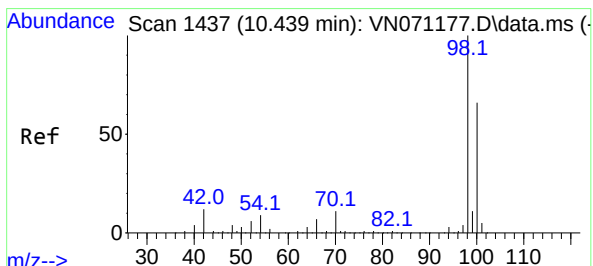
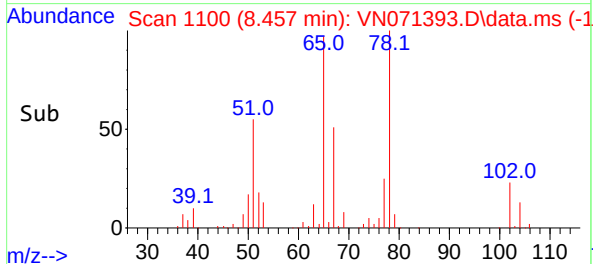
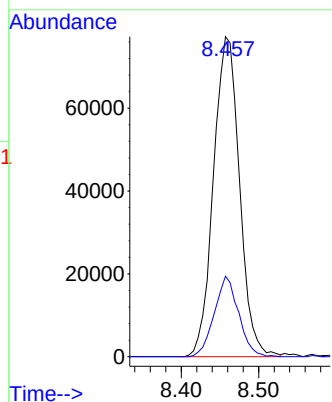
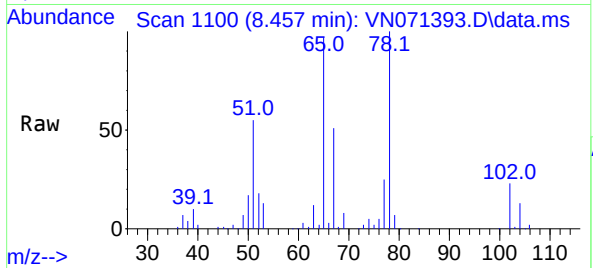




#40
Benzene
Concen: 4.708 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

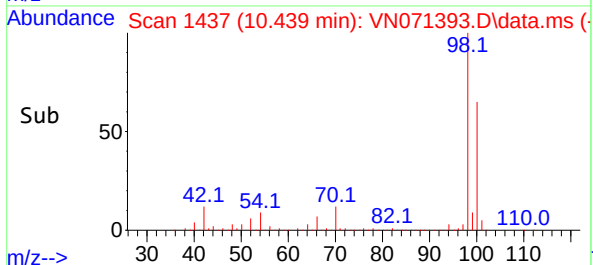
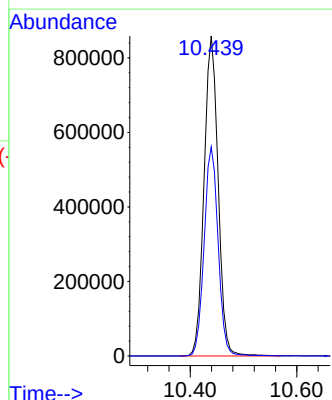
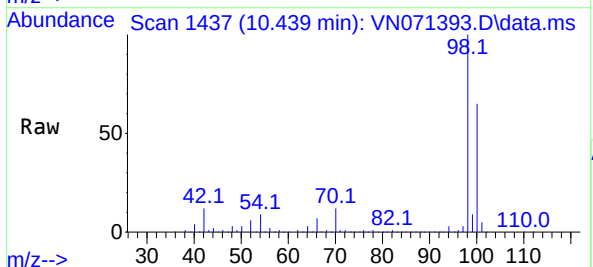
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ClientSampleId :
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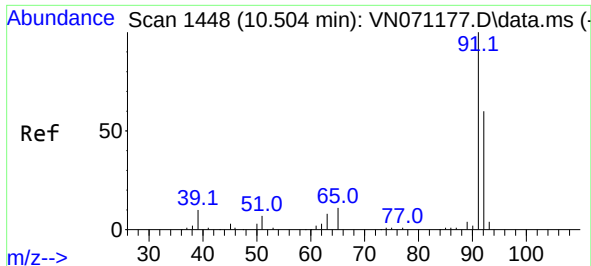
Tgt Ion: 78 Resp: 180866
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8



#50
Toluene-d8
Concen: 49.063 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion: 98 Resp: 1572045
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6

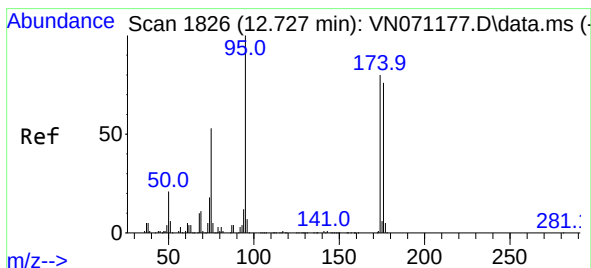
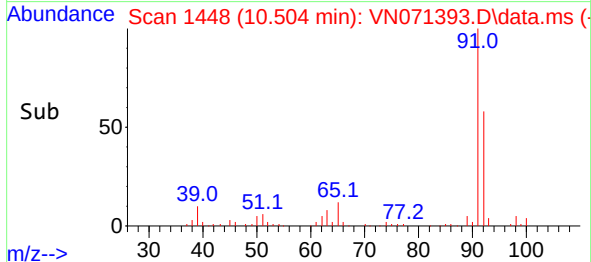
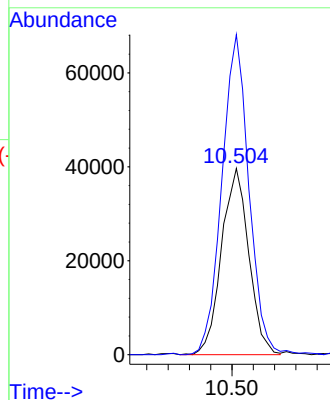
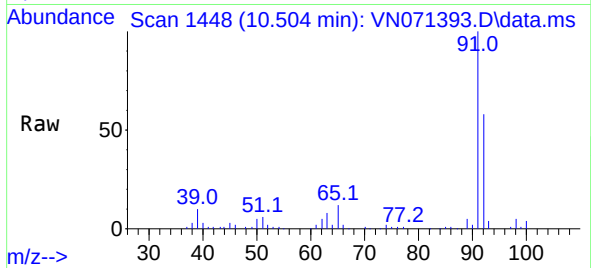




#52
Toluene
Concen: 2.978 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

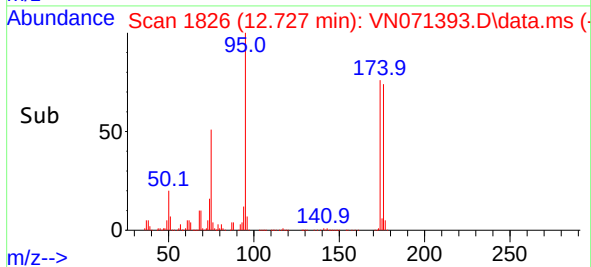
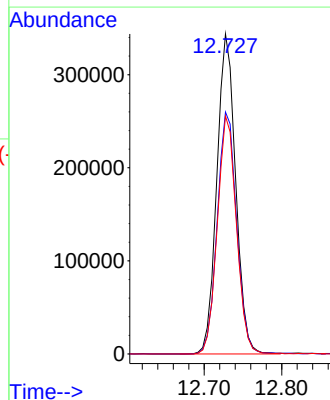
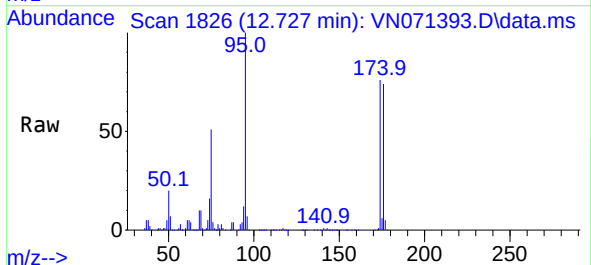
Instrument :
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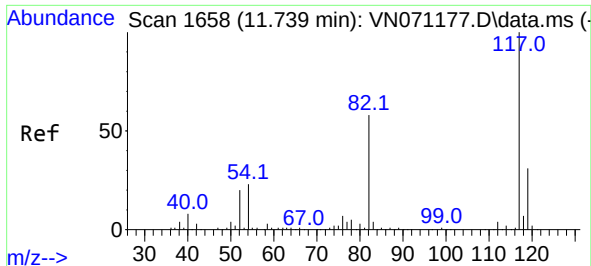
Tgt Ion: 92 Resp: 70442
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 53.389 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion: 95 Resp: 579277
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 75.4 0.0 181.4

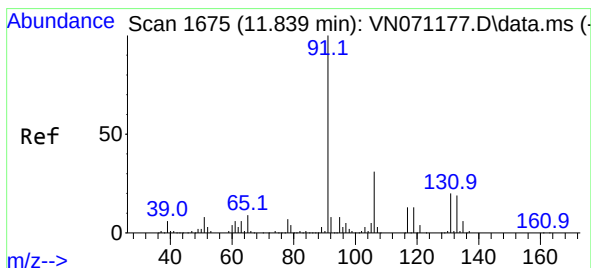
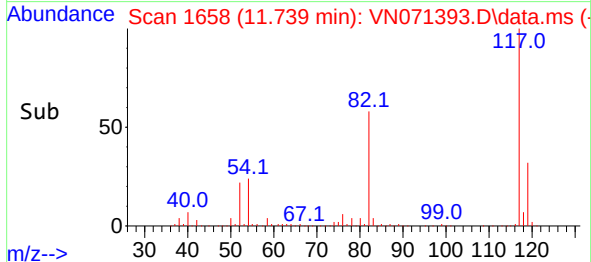
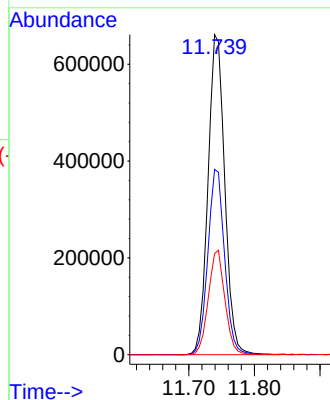
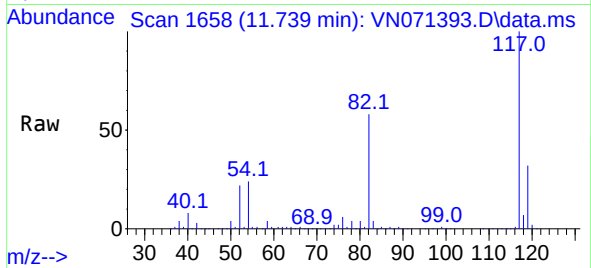




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1176127
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

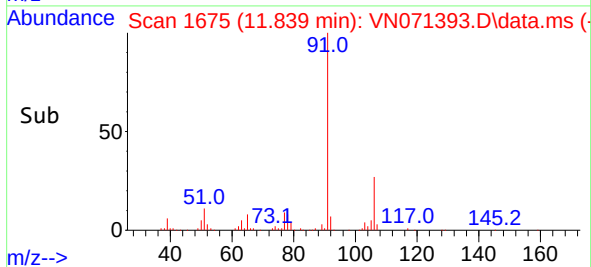
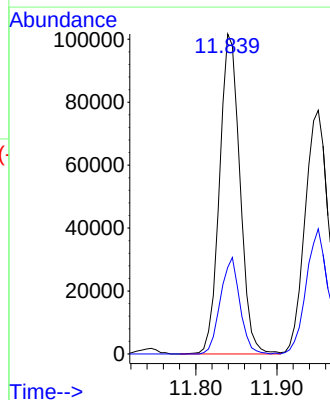
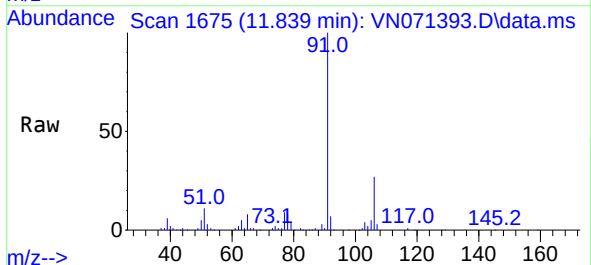
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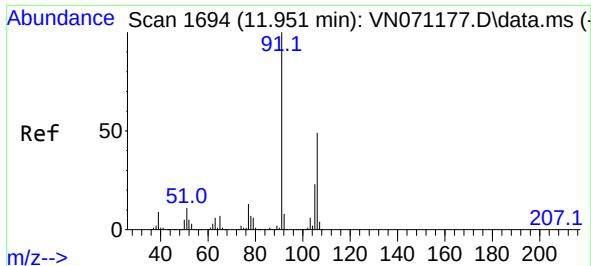
Tgt Ion:117 Resp: 1176127
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 3.977 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion: 91 Resp: 177589
Ion Ratio Lower Upper
91 100
106 27.0 25.7 38.5

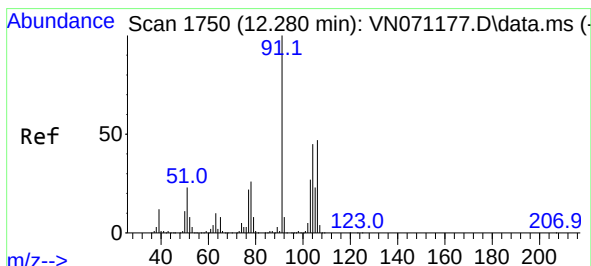
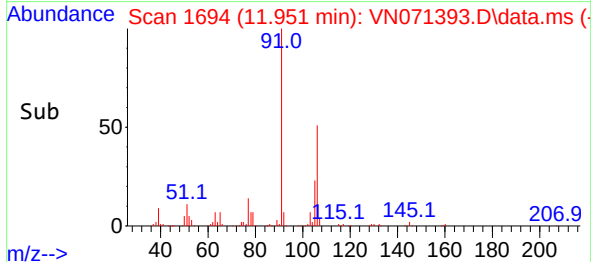
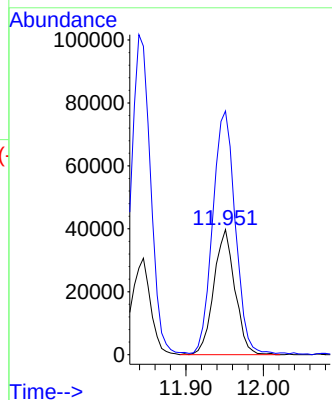
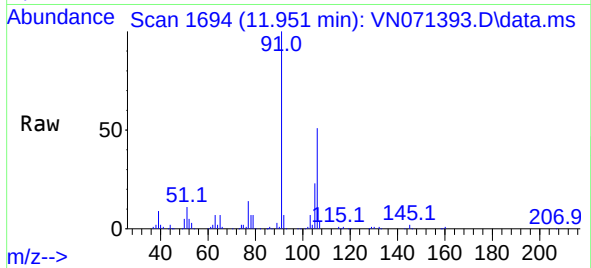




#68
m/p-Xylenes
Concen: 4.610 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

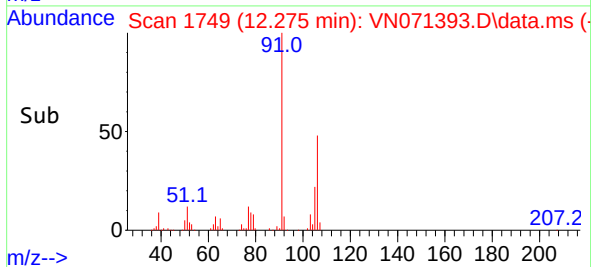
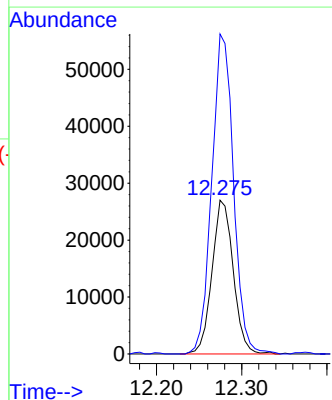
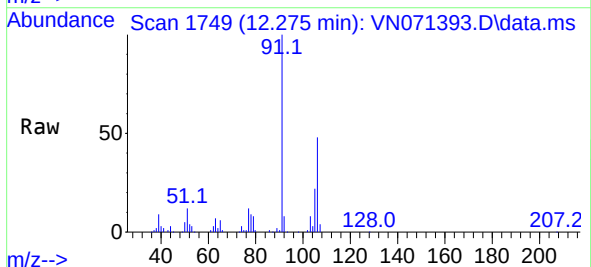
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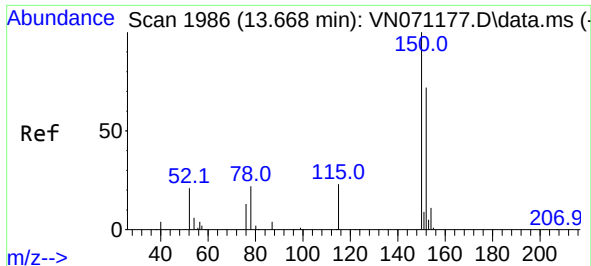
Tgt Ion:106 Resp: 75324
Ion Ratio Lower Upper
106 100
91 210.2 160.6 240.8



#69
o-Xylene
Concen: 2.863 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion:106 Resp: 46891
Ion Ratio Lower Upper
106 100
91 212.6 105.8 317.3

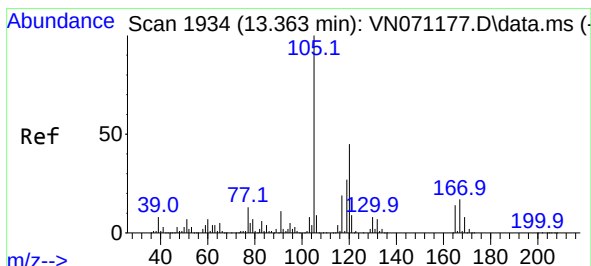
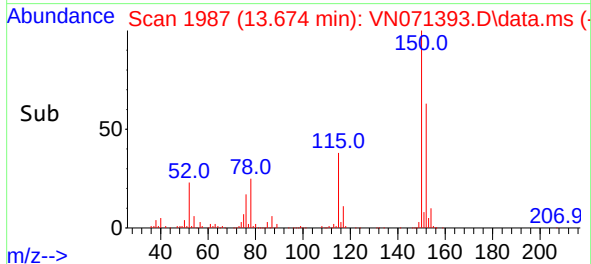
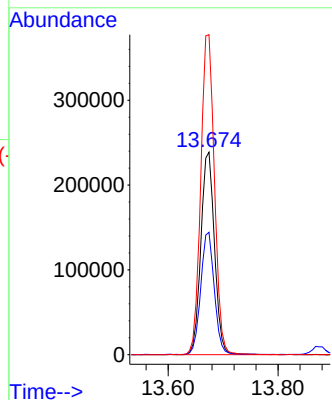
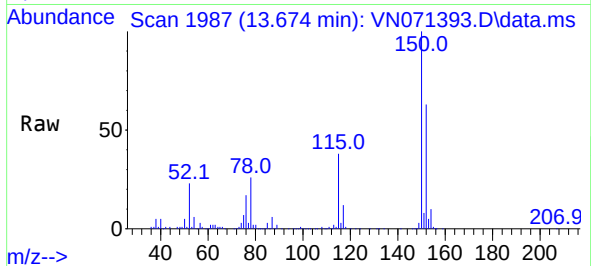




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

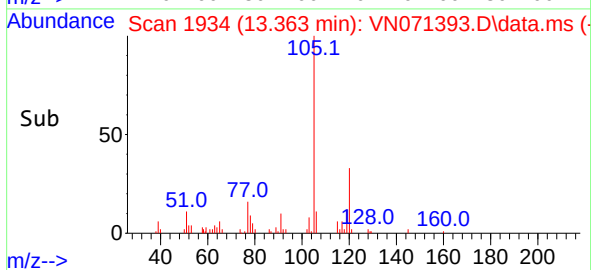
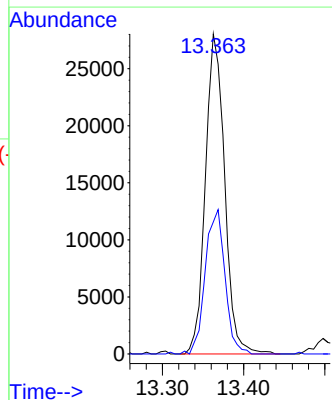
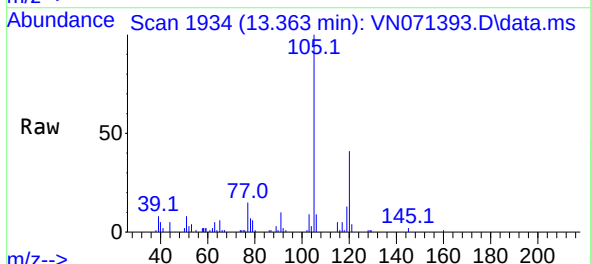
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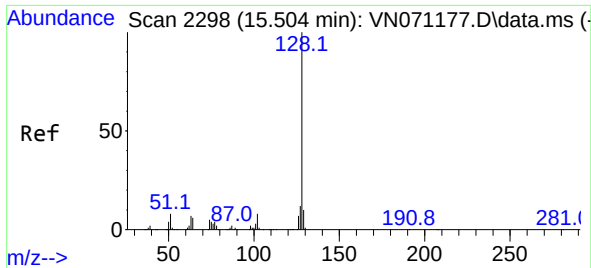
Tgt Ion:152 Resp: 411484
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 159.0 0.0 344.4



#84
1,2,4-Trimethylbenzene
Concen: 1.560 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Tgt Ion:105 Resp: 46123
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





#95
Naphthalene
Concen: 10.304 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071393.D
Acq: 19 Mar 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 109910
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.4 8.7 13.1

