

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072251.D
 Acq On : 28 Apr 2022 20:36
 Operator : JC\MD
 Sample : N2617-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Apr 29 06:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

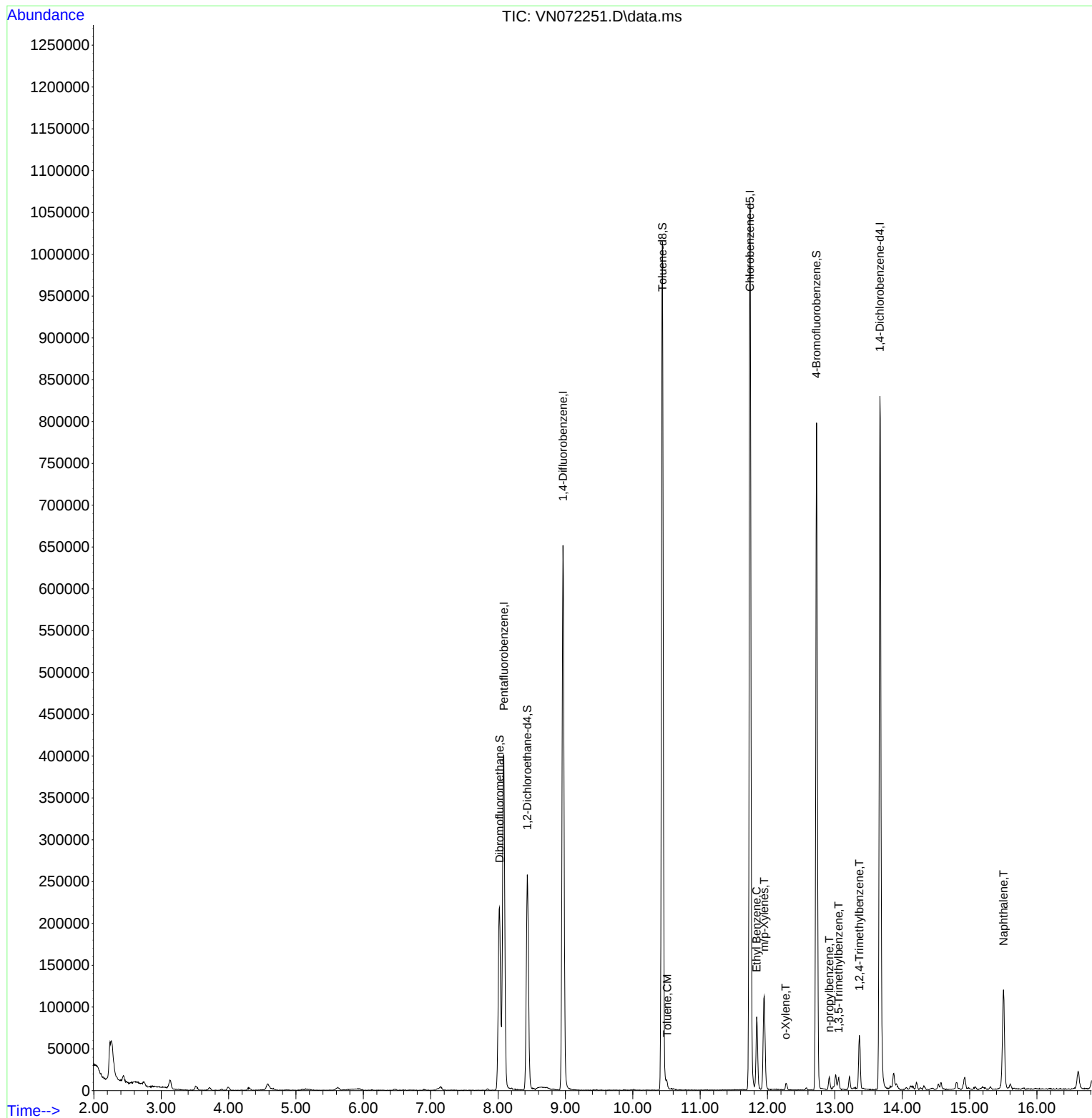
Internal Standards						
1) Pentafluorobenzene	8.087	168	294070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	549715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	595008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	223053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	224081	49.634	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.260%
35) Dibromofluoromethane	8.022	113	163257	46.400	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.800%
50) Toluene-d8	10.439	98	705711	51.044	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.727	95	278844	60.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.520%
Target Compounds						
					Qvalue	
52) Toluene	10.510	92	2773	0.292	ug/l	98
67) Ethyl Benzene	11.839	91	63481	3.028	ug/l	95
68) m/p-Xylenes	11.951	106	37890	4.867	ug/l	90
69) o-Xylene	12.269	106	2353	0.312	ug/l	62
78) n-propylbenzene	12.916	91	12504	0.576	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	6215	0.379	ug/l	79
84) 1,2,4-Trimethylbenzene	13.363	105	39684	2.500	ug/l	95
95) Naphthalene	15.504	128	127789	14.409	ug/l	99

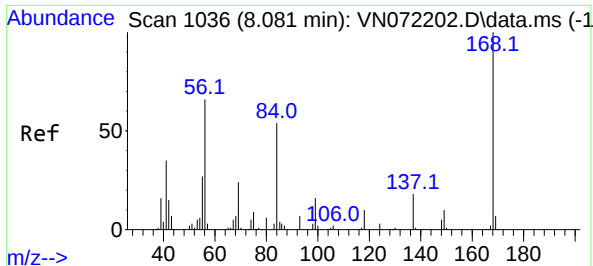
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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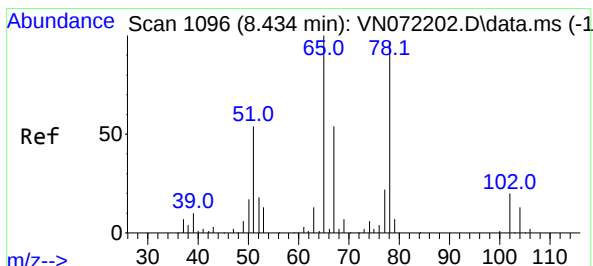
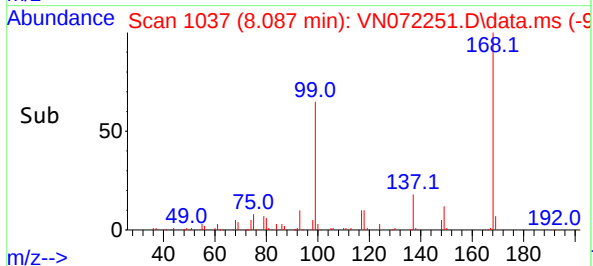
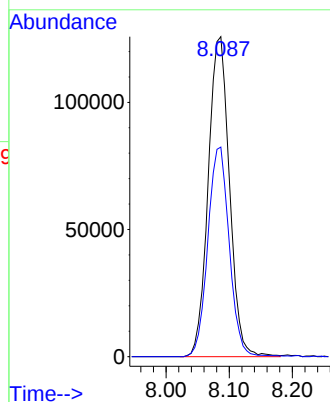
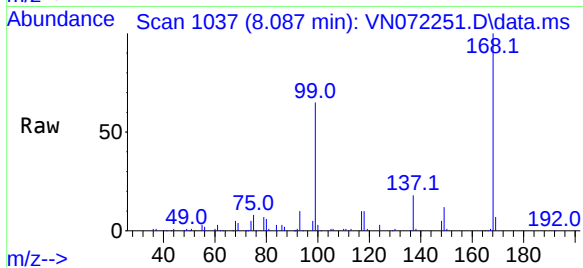




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

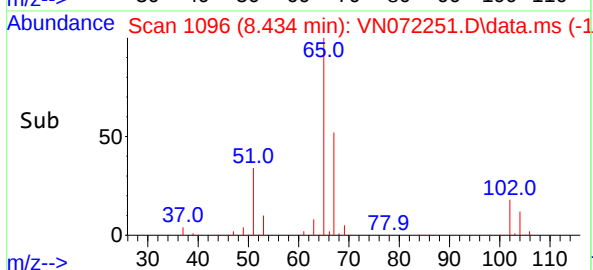
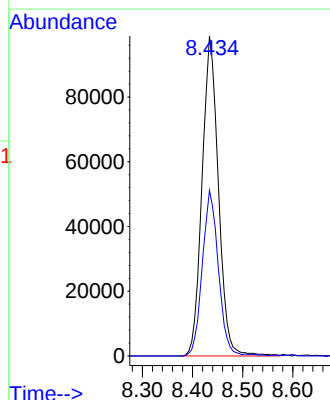
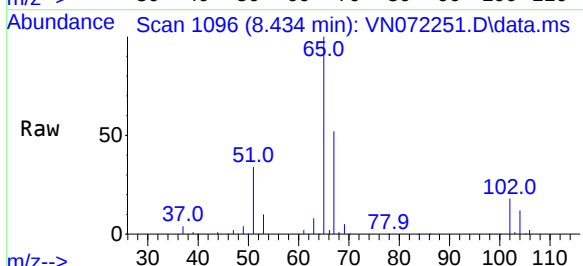
Instrument :
MSVOA_N
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MW-16

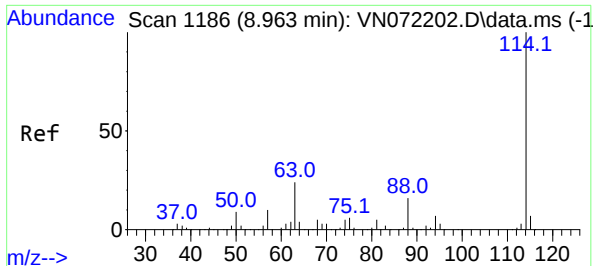
Tgt Ion:168 Resp: 294070
Ion Ratio Lower Upper
168 100
99 65.5 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 49.634 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion: 65 Resp: 224081
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

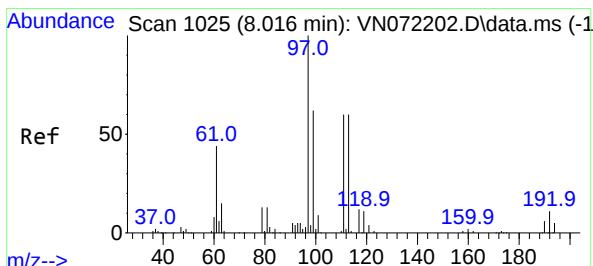
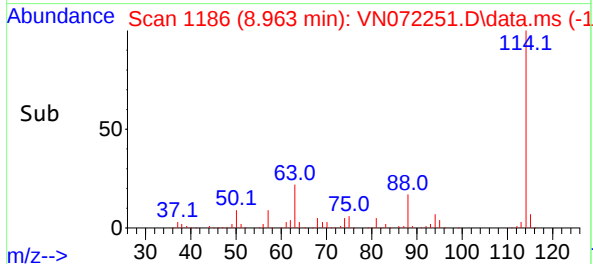
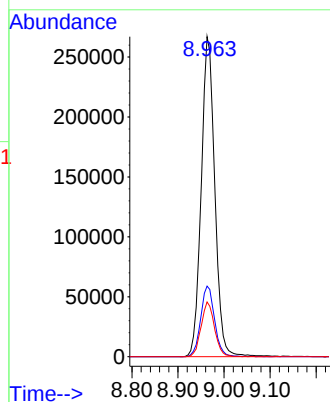
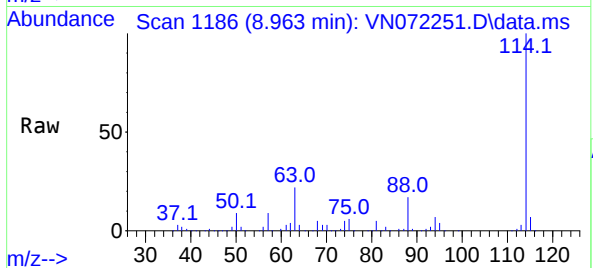




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

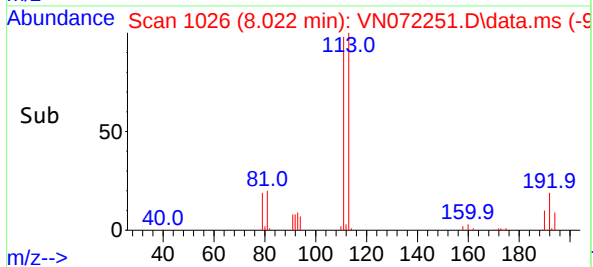
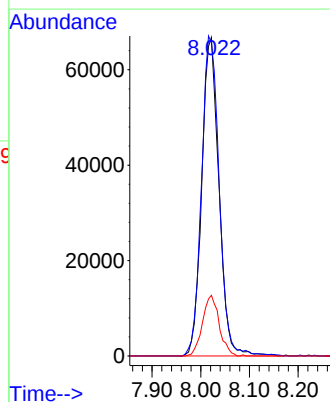
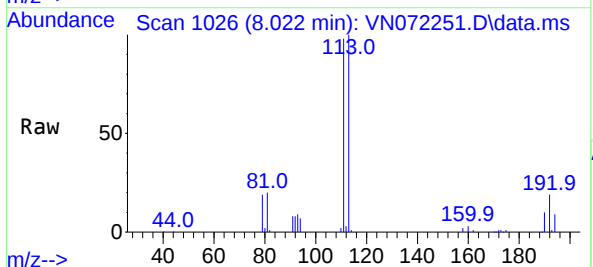
Instrument :
MSVOA_N
ClientSampleId :
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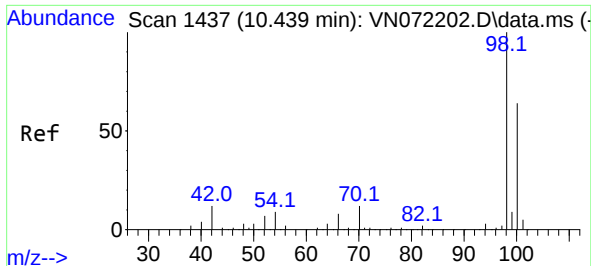
Tgt Ion:114 Resp: 549715
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.0
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.400 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion:113 Resp: 163257
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.5 17.0 25.6

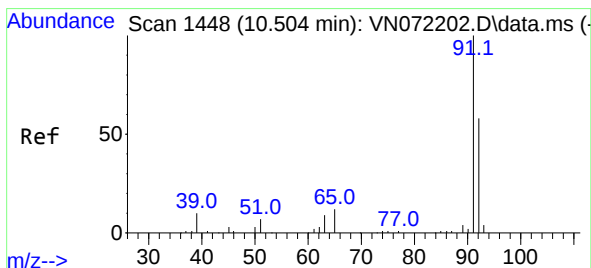
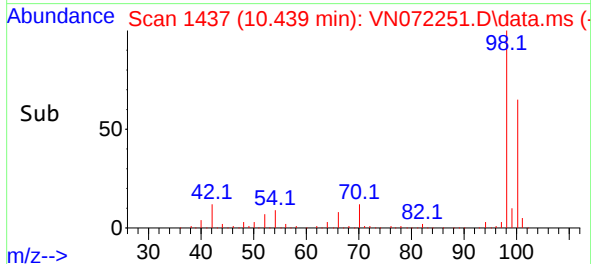
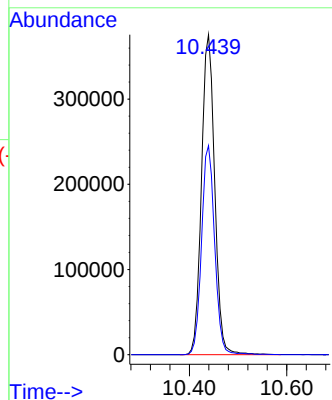
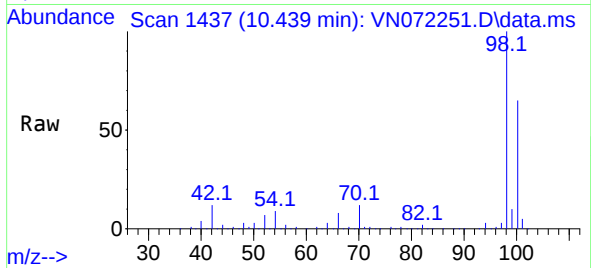




#50
Toluene-d8
Concen: 51.044 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

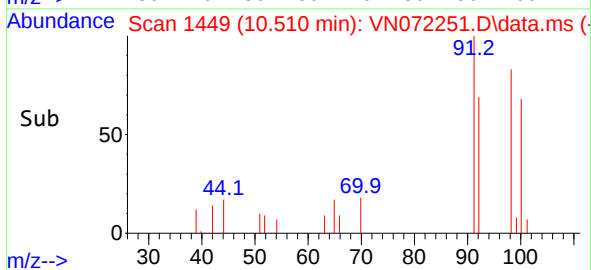
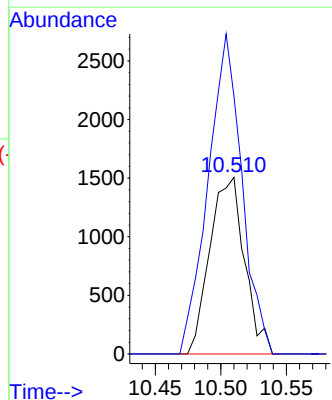
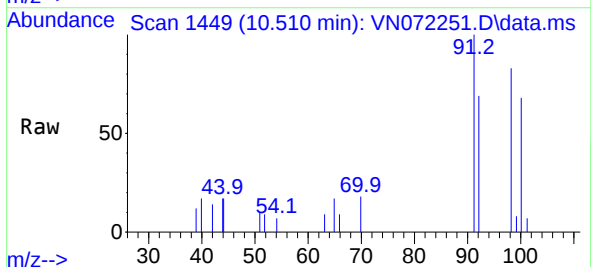
Instrument :
MSVOA_N
ClientSampleId :
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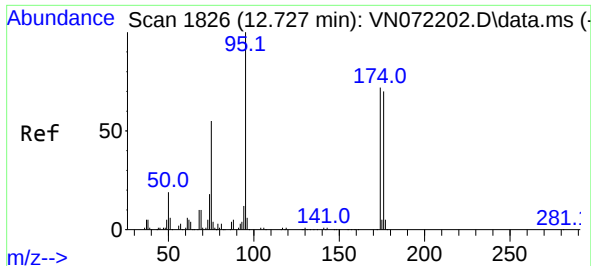
Tgt Ion: 98 Resp: 705711
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 0.292 ug/l
RT: 10.510 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion: 92 Resp: 2773
Ion Ratio Lower Upper
92 100
91 176.4 138.6 207.8

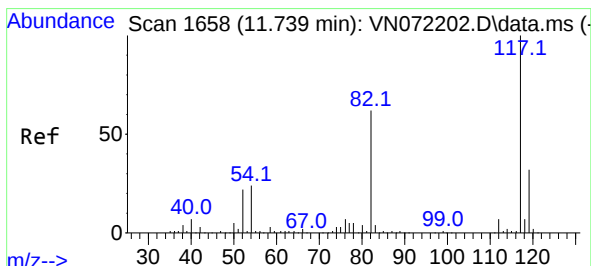
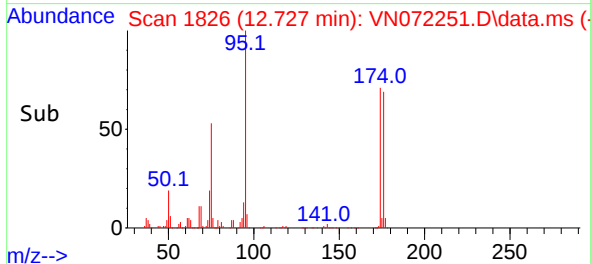
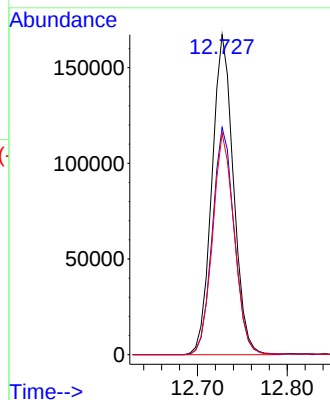
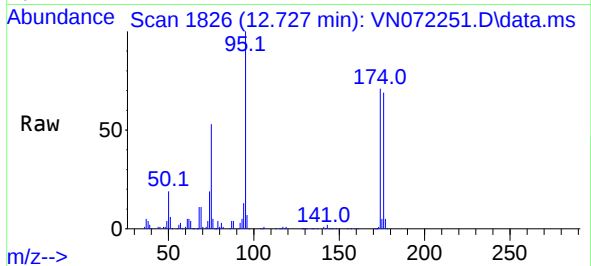




#62
4-Bromofluorobenzene
Concen: 60.764 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

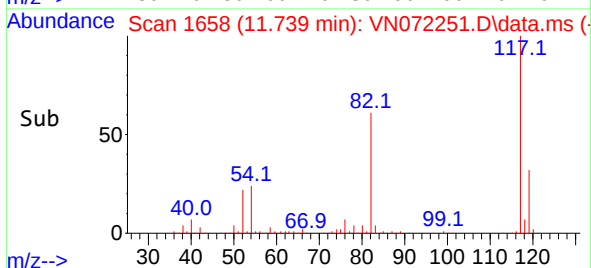
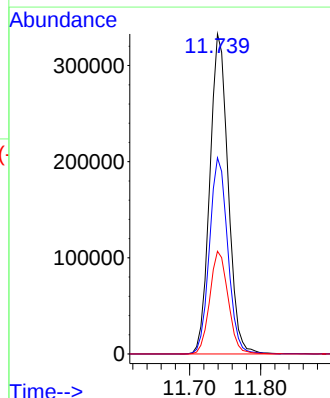
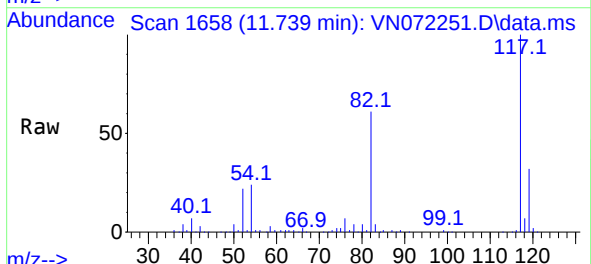
Instrument :
MSVOA_N
ClientSampleId :
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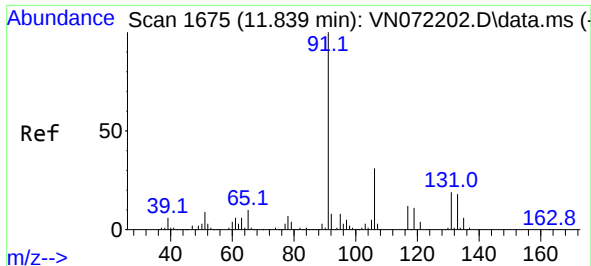
Tgt Ion: 95 Resp: 278844
Ion Ratio Lower Upper
95 100
174 72.1 0.0 167.6
176 69.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion: 117 Resp: 595008
Ion Ratio Lower Upper
117 100
82 61.3 44.2 66.2
119 32.1 25.4 38.0

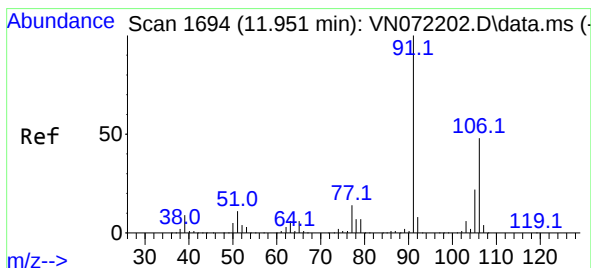
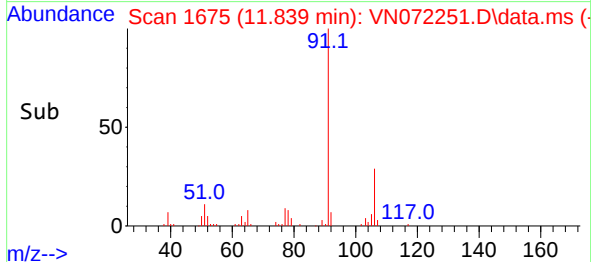
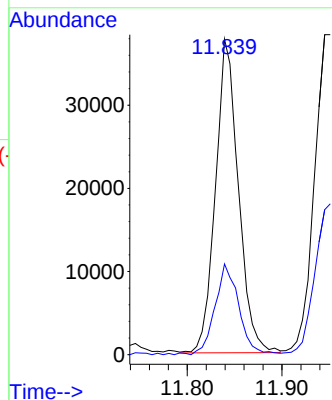
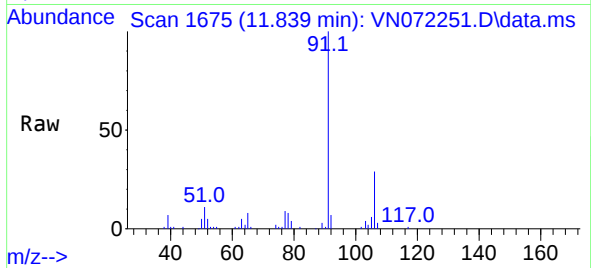




#67
Ethyl Benzene
Concen: 3.028 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

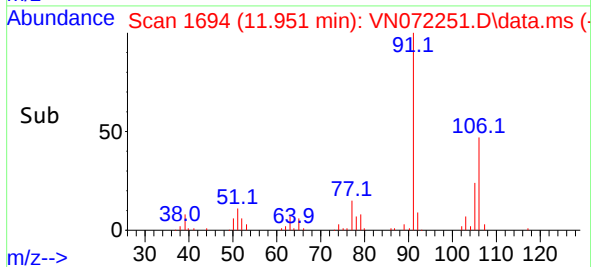
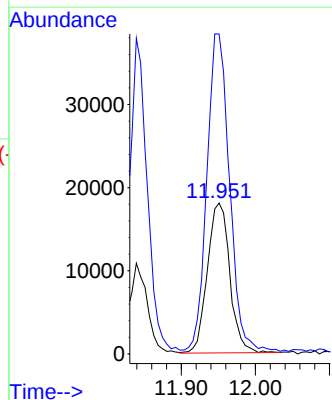
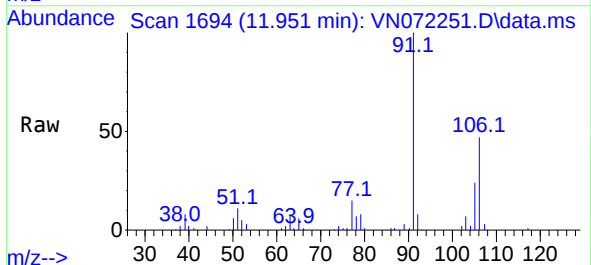
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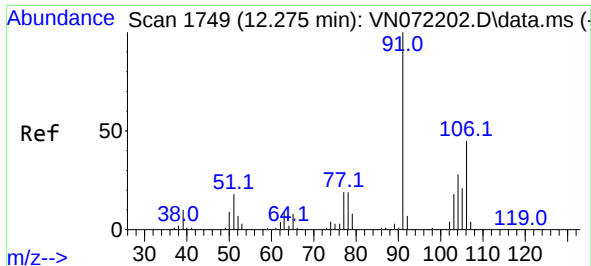
Tgt Ion: 91 Resp: 63481
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3



#68
m/p-Xylenes
Concen: 4.867 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion: 106 Resp: 37890
Ion Ratio Lower Upper
106 100
91 213.6 158.9 238.3

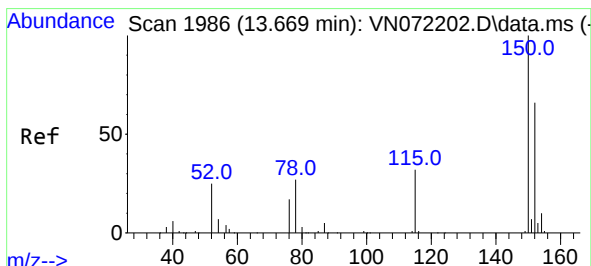
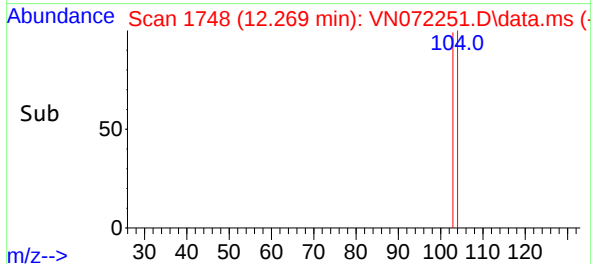
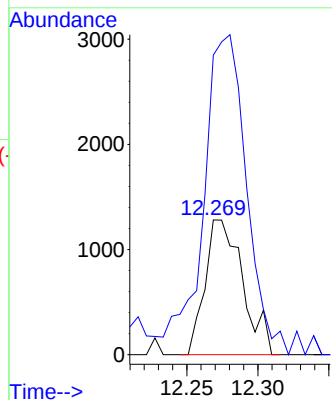
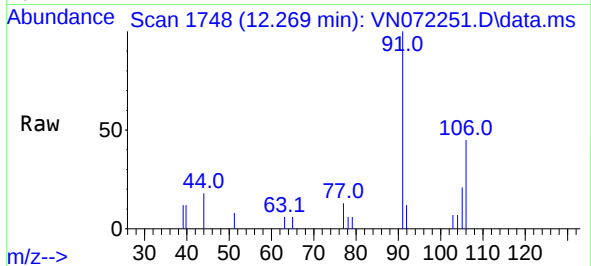




#69
o-Xylene
Concen: 0.312 ug/l
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

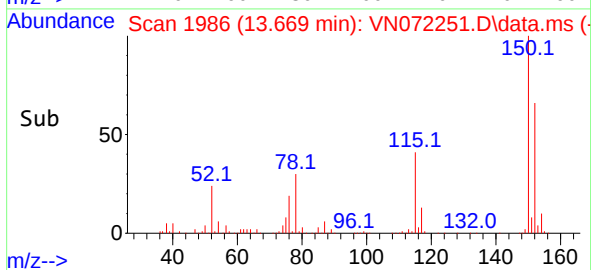
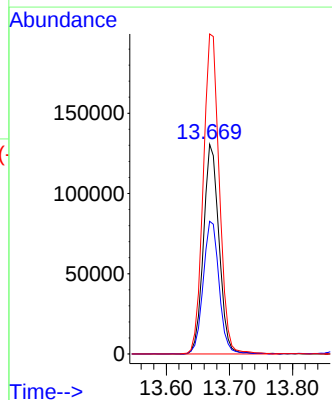
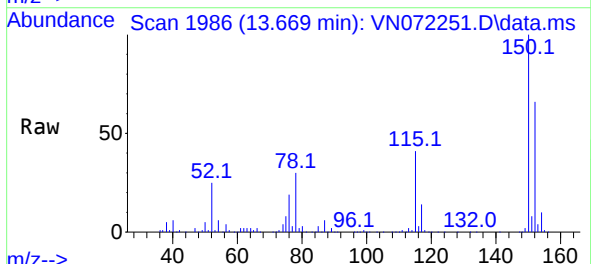
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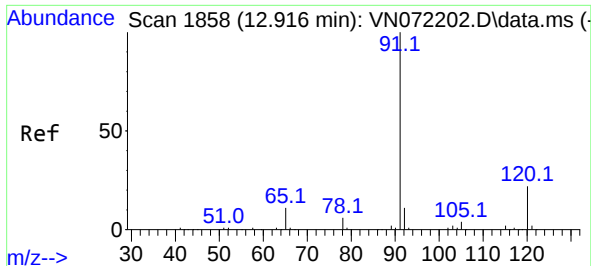
Tgt Ion:106 Resp: 2353
Ion Ratio Lower Upper
106 100
91 271.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion:152 Resp: 223053
Ion Ratio Lower Upper
152 100
115 64.8 28.9 86.7
150 157.3 0.0 356.2

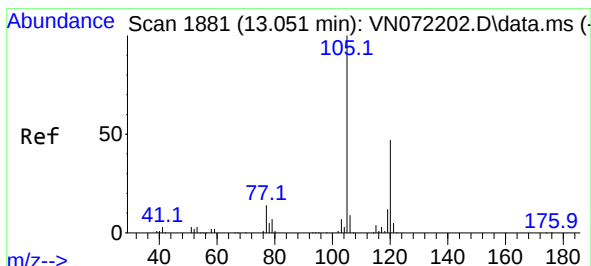
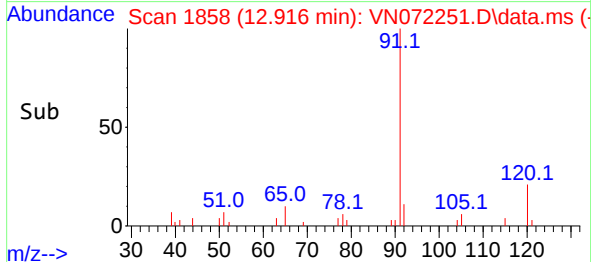
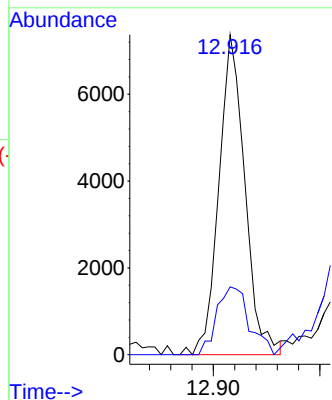
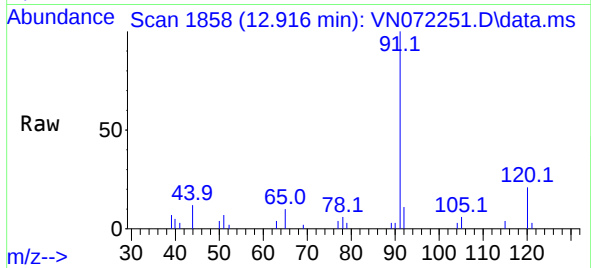




#78
n-propylbenzene
Concen: 0.576 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

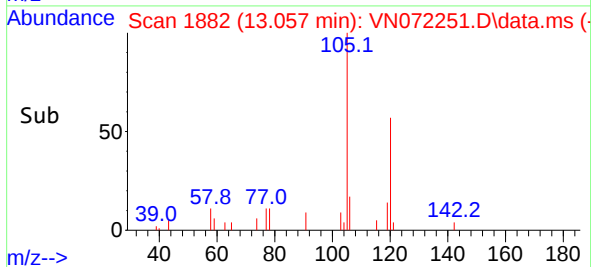
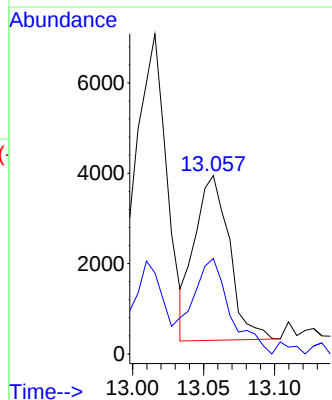
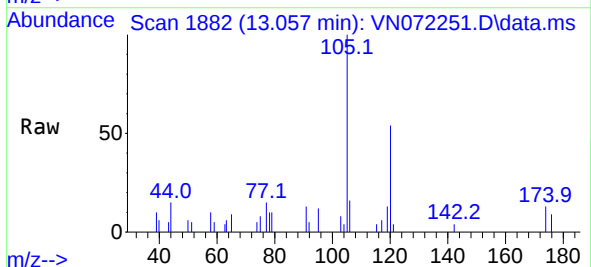
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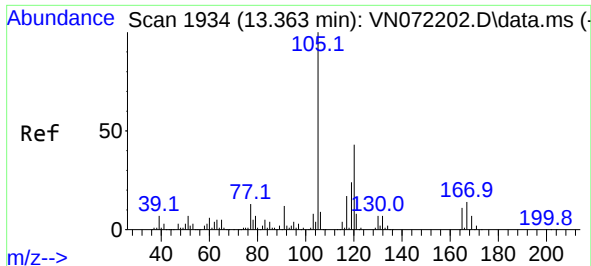
Tgt Ion: 91 Resp: 12504
Ion Ratio Lower Upper
91 100
120 26.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.379 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion: 105 Resp: 6215
Ion Ratio Lower Upper
105 100
120 64.2 24.9 74.7

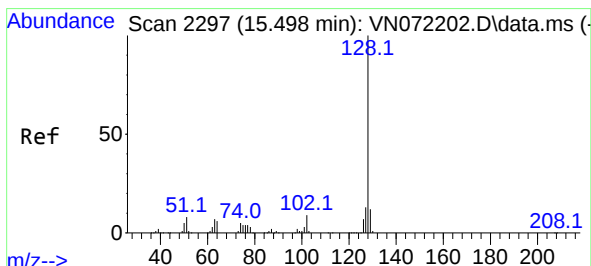
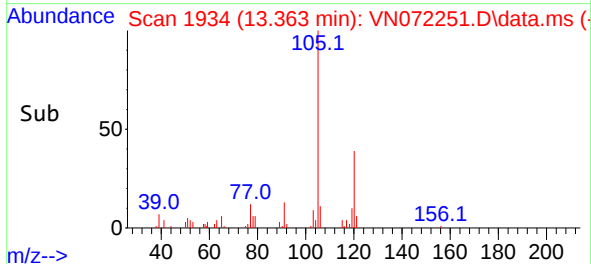
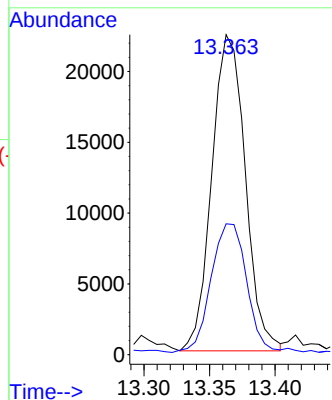
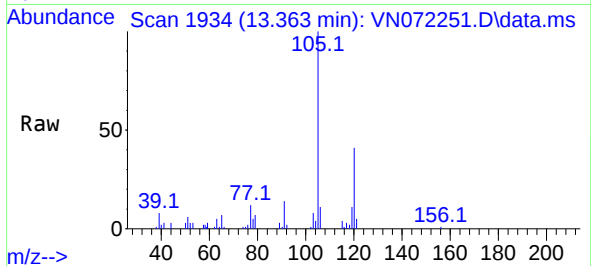




#84
1,2,4-Trimethylbenzene
Concen: 2.500 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:105 Resp: 39684
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8



#95
Naphthalene
Concen: 14.409 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072251.D
Acq: 28 Apr 2022 20:36

Tgt Ion:128 Resp: 127789
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.0 8.6 13.0

