

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072578.D
 Acq On : 20 May 2022 15:36
 Operator : JC\MD
 Sample : N2965-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31508

Quant Time: May 21 01:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

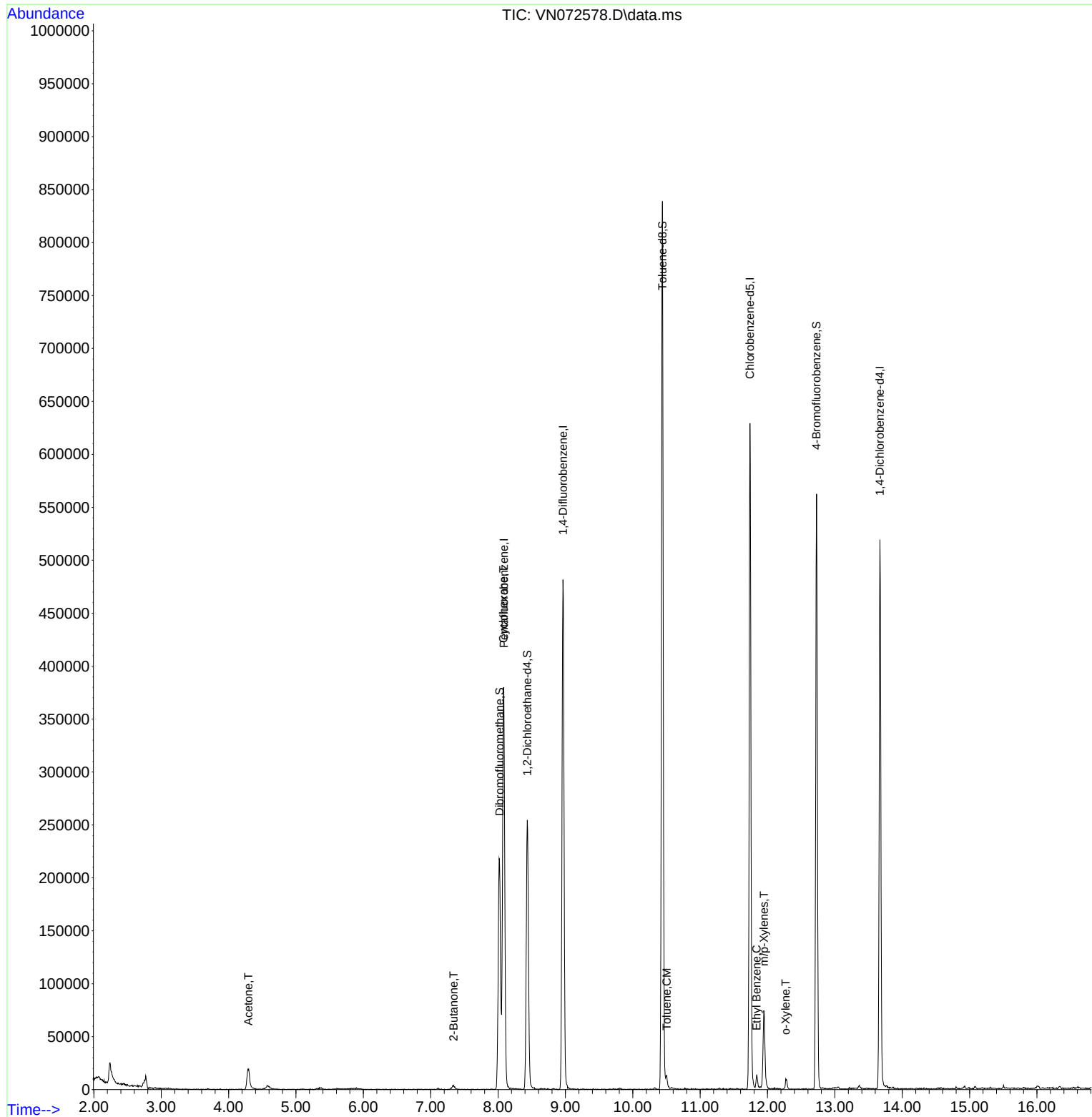
Internal Standards						
1) Pentafluorobenzene	8.087	168	274792	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	409801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	357731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	140066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238127	55.774	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.540%	
35) Dibromofluoromethane	8.022	113	160799	58.154	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	= 116.300%	
50) Toluene-d8	10.439	98	552951	52.831	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.727	95	187258	47.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.200%	
Target Compounds						
						Qvalue
16) Acetone	4.293	43	37311	28.830	ug/l	97
25) 2-Butanone	7.340	43	5672	2.787	ug/l	95
31) Cyclohexane	8.081	56	6903	1.455	ug/l	# 23
52) Toluene	10.504	92	3519	0.493	ug/l	90
67) Ethyl Benzene	11.839	91	9032	0.712	ug/l	# 76
68) m/p-Xylenes	11.945	106	22484	4.603	ug/l	91
69) o-Xylene	12.269	106	3103	0.624	ug/l	87

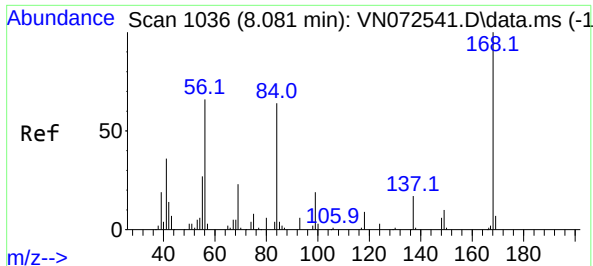
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

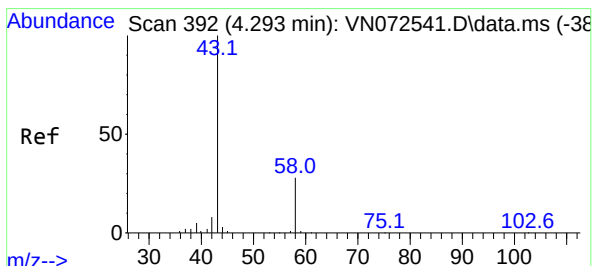
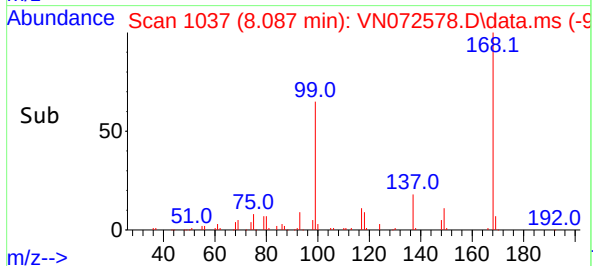
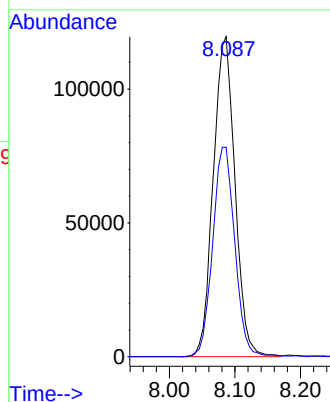
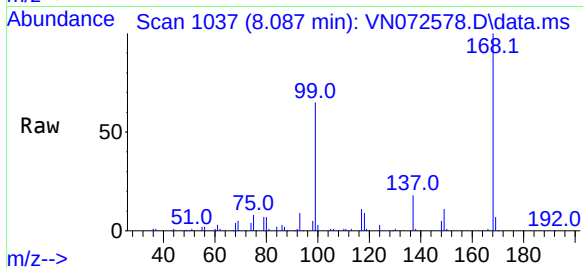




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

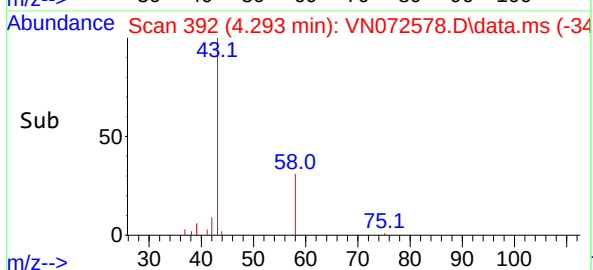
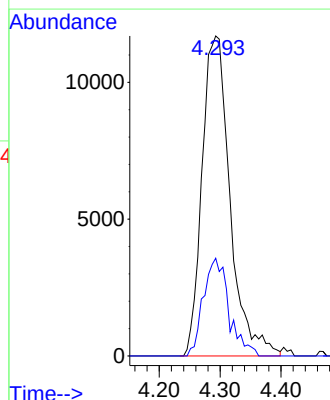
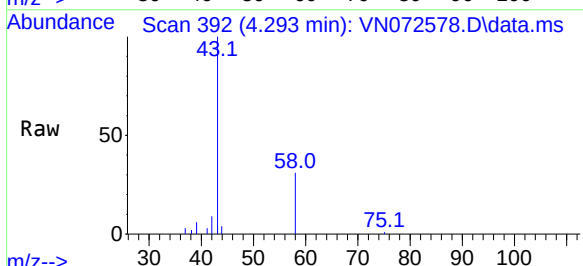
Instrument :
MSVOA_N
ClientSampleId :
31508

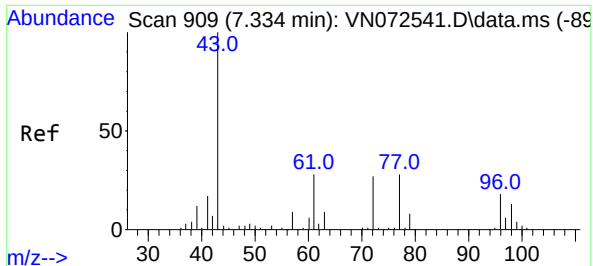
Tgt Ion:168 Resp: 274792
Ion Ratio Lower Upper
168 100
99 65.4 42.3 63.5#



#16
Acetone
Concen: 28.830 ug/l
RT: 4.293 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Tgt Ion: 43 Resp: 37311
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0





#25

2-Butanone

Concen: 2.787 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072578.D

Acq: 20 May 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

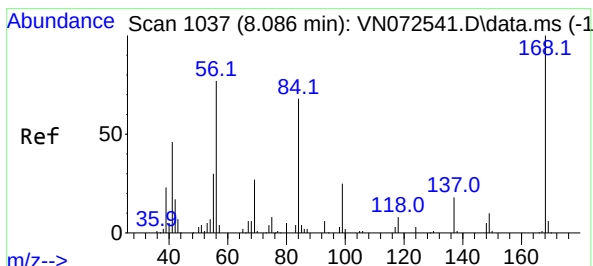
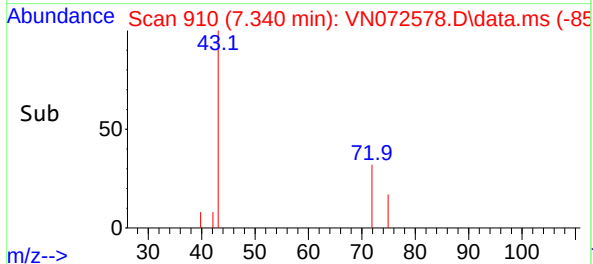
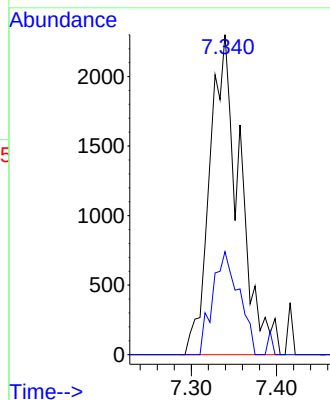
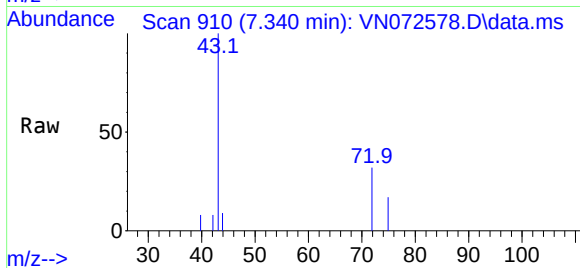
31508

Tgt Ion: 43 Resp: 5672

Ion Ratio Lower Upper

43 100

72 32.2 23.7 35.5



#31

Cyclohexane

Concen: 1.455 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VN072578.D

Acq: 20 May 2022 15:36

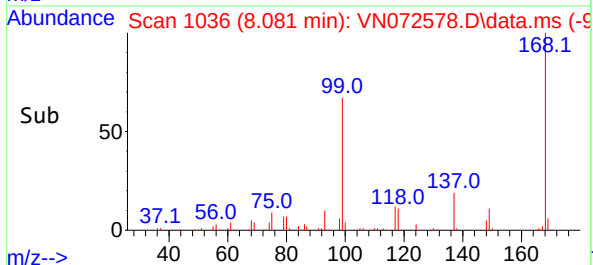
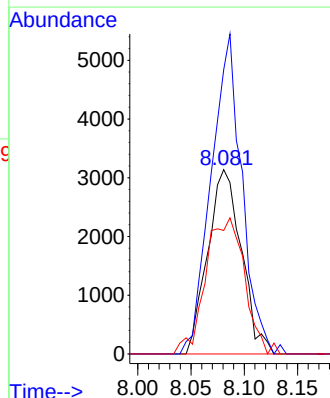
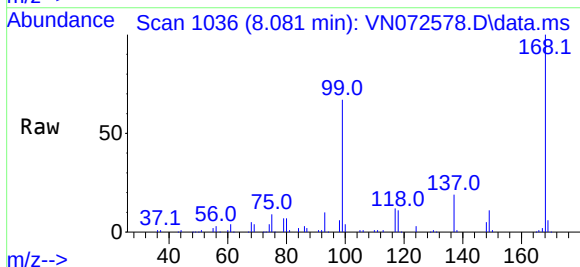
Tgt Ion: 56 Resp: 6903

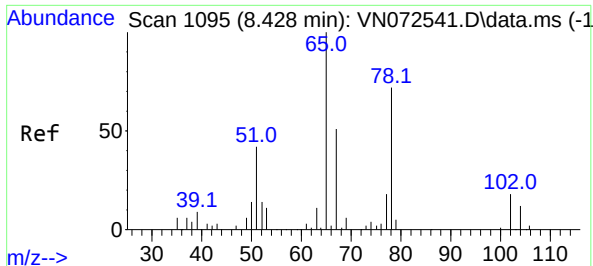
Ion Ratio Lower Upper

56 100

69 154.2 27.8 41.8#

84 67.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 55.774 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN072578.D

Acq: 20 May 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

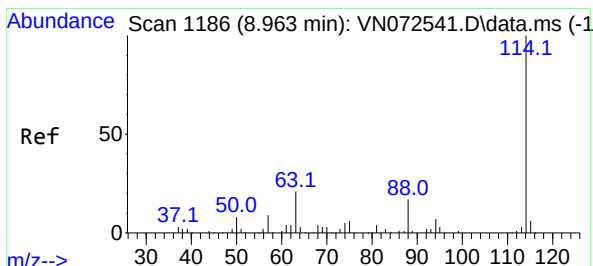
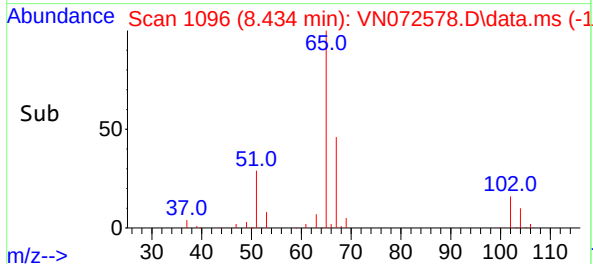
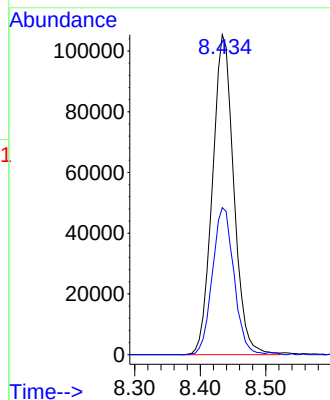
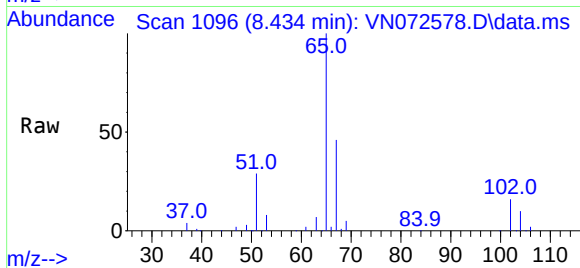
31508

Tgt Ion: 65 Resp: 238127

Ion Ratio Lower Upper

65 100

67 46.3 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: VN072578.D

Acq: 20 May 2022 15:36

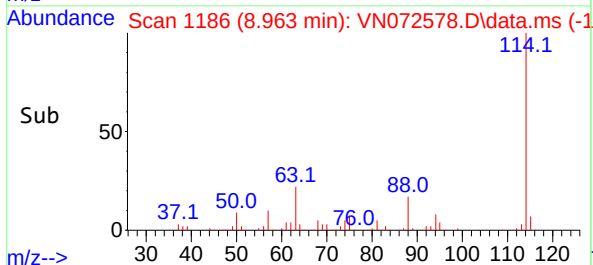
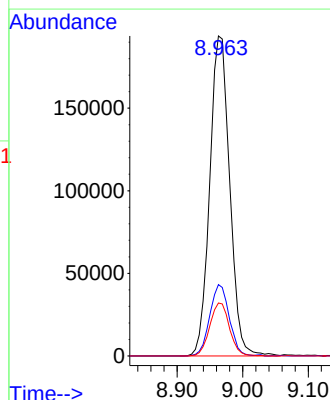
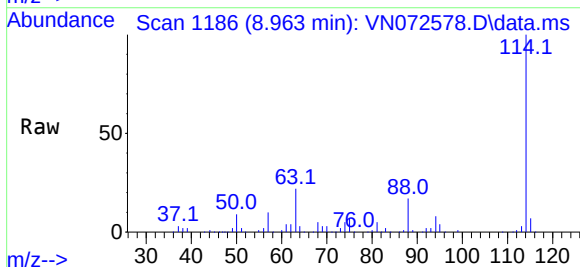
Tgt Ion: 114 Resp: 409801

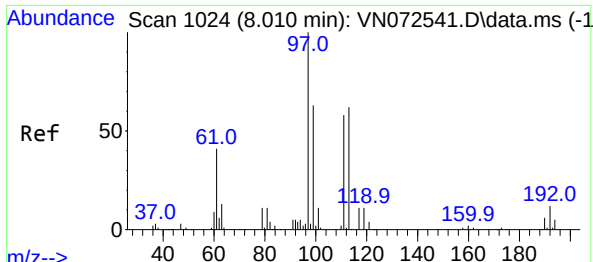
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

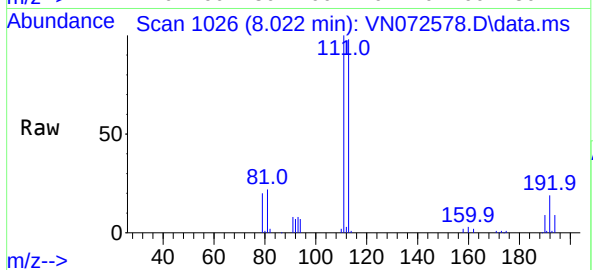
88 16.6 0.0 32.6



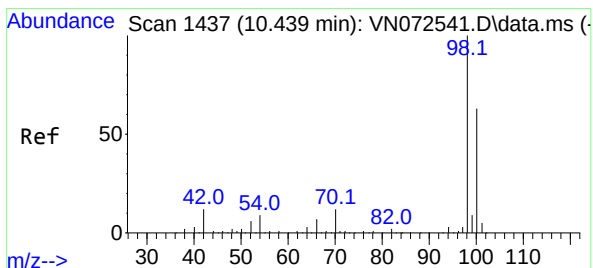
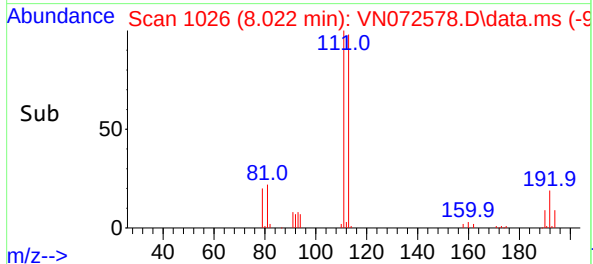
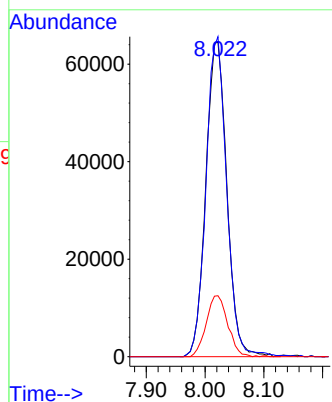


#35
Dibromofluoromethane
Concen: 58.154 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.012 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Instrument :
MSVOA_N
ClientSampleId :
31508

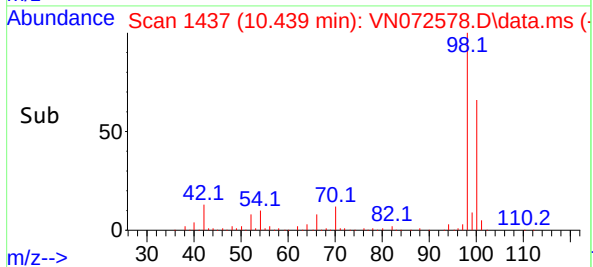
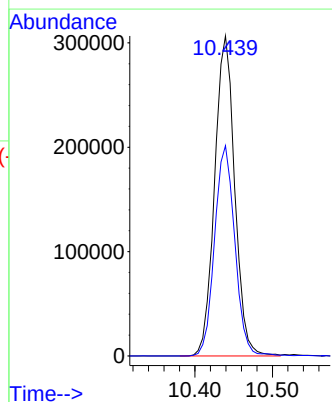
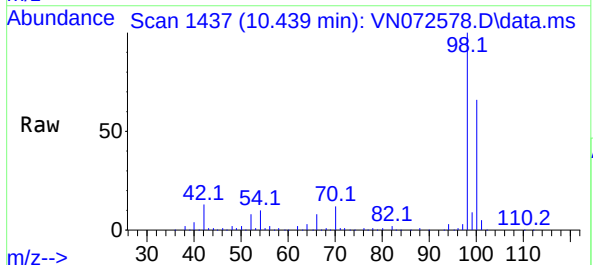


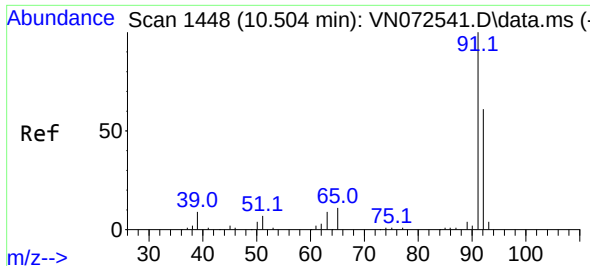
Tgt Ion:113 Resp: 160799
Ion Ratio Lower Upper
113 100
111 99.8 81.4 122.0
192 19.7 17.0 25.6



#50
Toluene-d8
Concen: 52.831 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Tgt Ion: 98 Resp: 552951
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

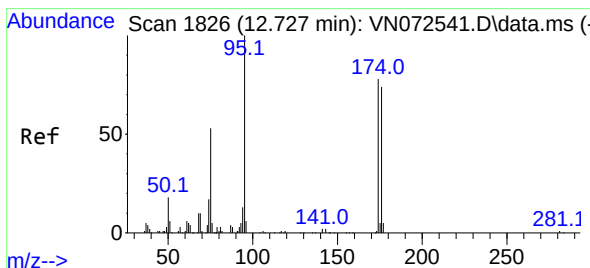
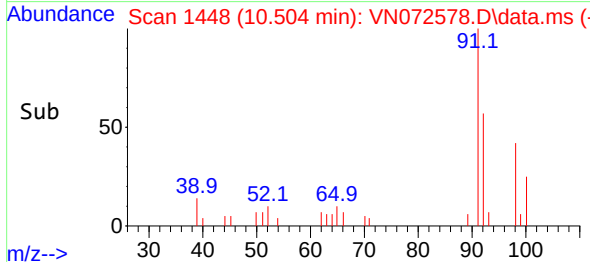
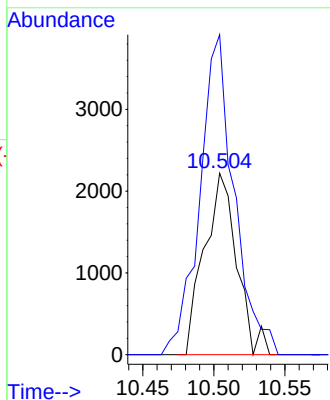
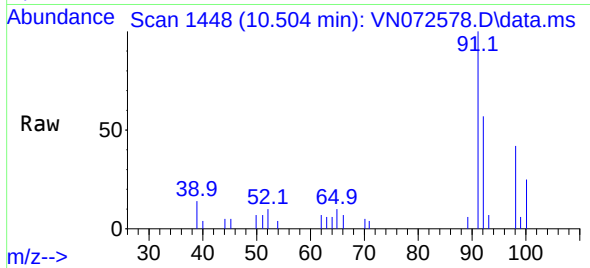




#52
Toluene
Concen: 0.493 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

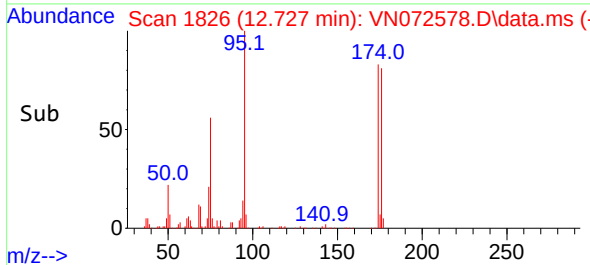
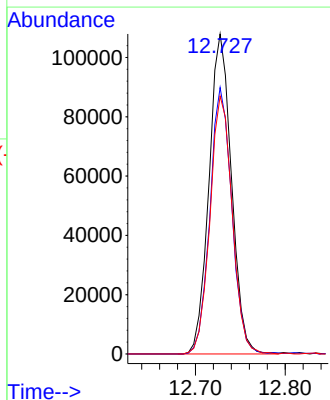
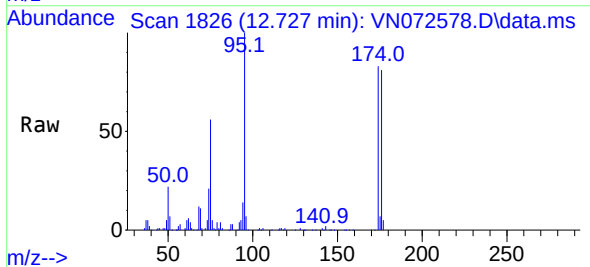
Instrument :
MSVOA_N
ClientSampleId :
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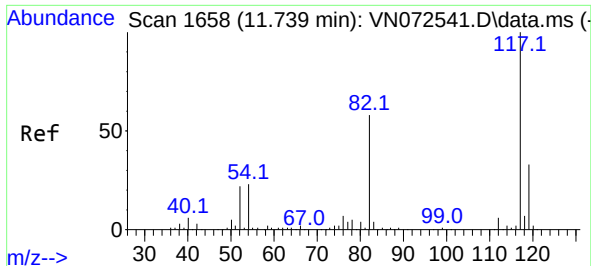
Tgt Ion: 92 Resp: 3519
Ion Ratio Lower Upper
92 100
91 186.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 47.101 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Tgt Ion: 95 Resp: 187258
Ion Ratio Lower Upper
95 100
174 81.3 0.0 167.6
176 79.8 0.0 163.4

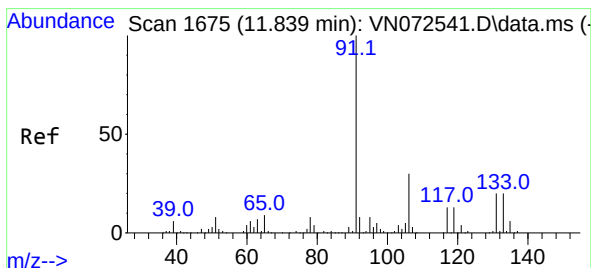
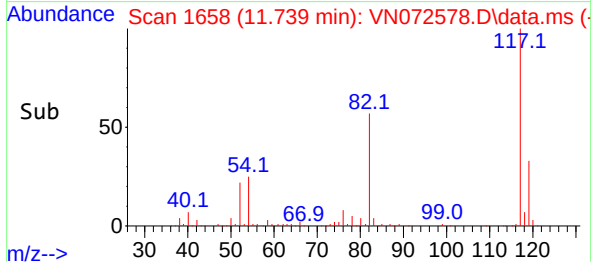
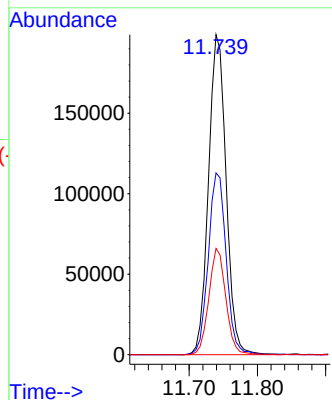
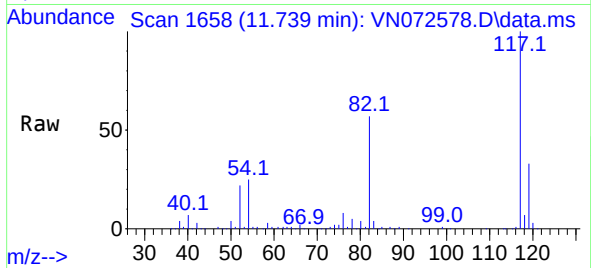




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

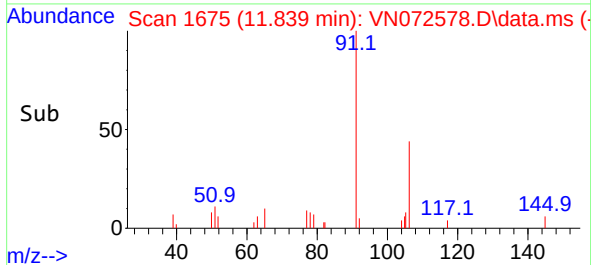
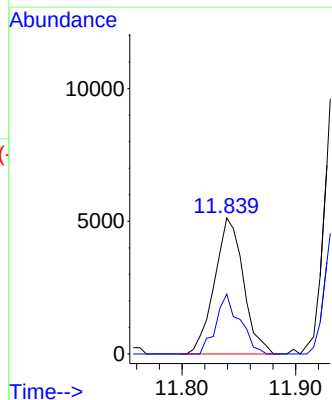
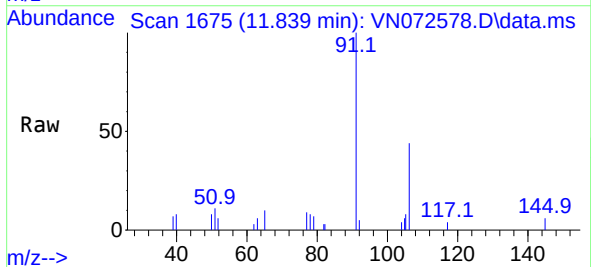
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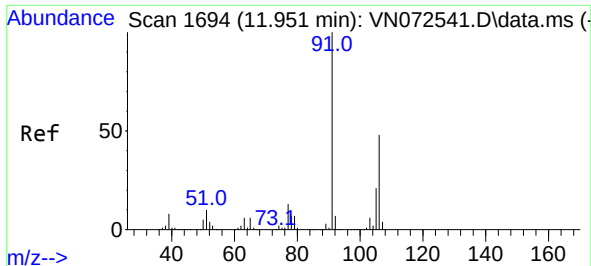
Tgt Ion:117 Resp: 357731
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.2 25.4 38.0



#67
Ethyl Benzene
Concen: 0.712 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Tgt Ion: 91 Resp: 9032
Ion Ratio Lower Upper
91 100
106 44.0 24.9 37.3#

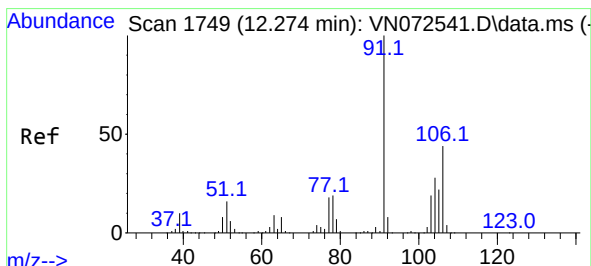
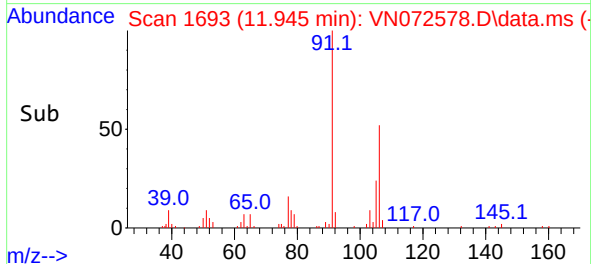
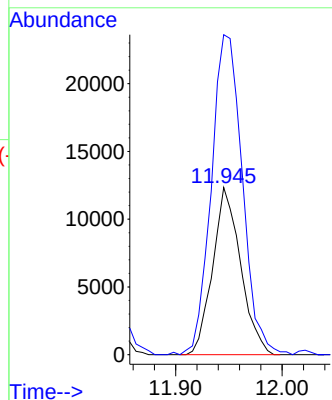
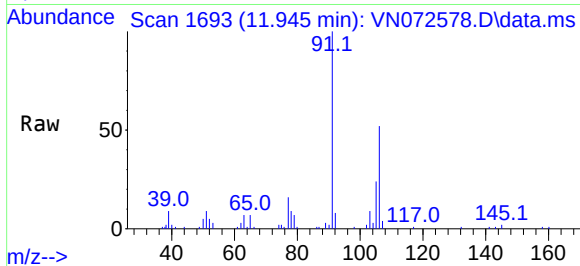




#68
m/p-Xylenes
Concen: 4.603 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

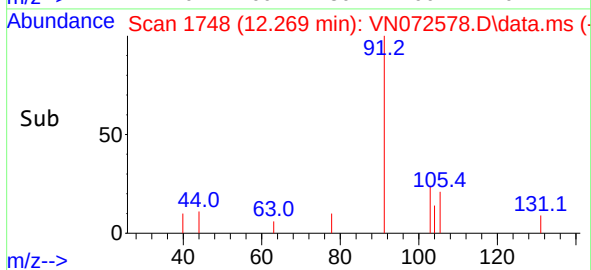
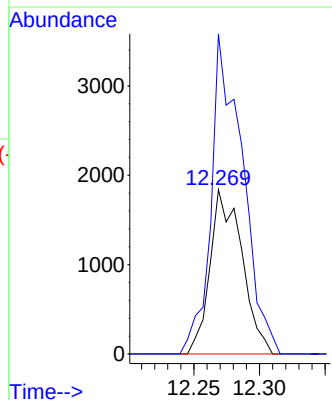
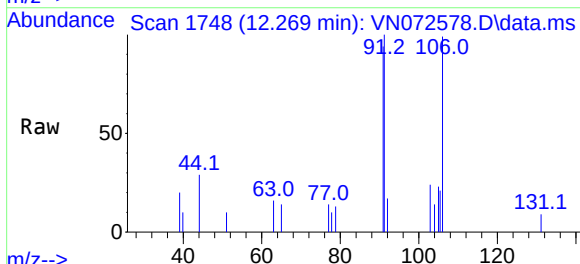
Instrument :
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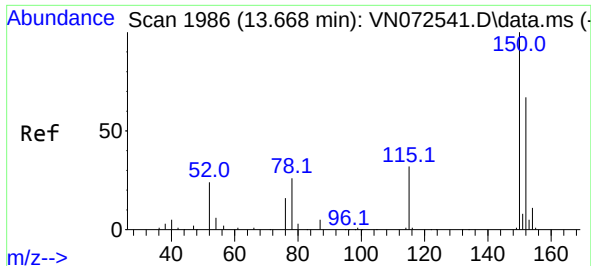
Tgt Ion:106 Resp: 22484
Ion Ratio Lower Upper
106 100
91 212.5 158.9 238.3



#69
o-Xylene
Concen: 0.624 ug/l
RT: 12.269 min Scan# 1748
Delta R.T. -0.005 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

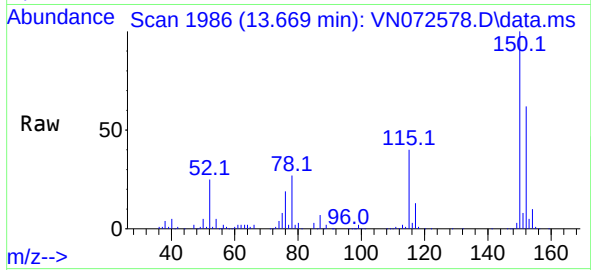
Tgt Ion:106 Resp: 3103
Ion Ratio Lower Upper
106 100
91 191.6 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072578.D
Acq: 20 May 2022 15:36

Instrument :
MSVOA_N
ClientSampleId :
31508



Tgt Ion:152 Resp: 140066
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 155.9 0.0 356.2

