

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082926.D
 Acq On : 15 Jul 2024 18:43
 Operator : JC\MD
 Sample : P3251-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50390

Quant Time: Jul 16 01:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

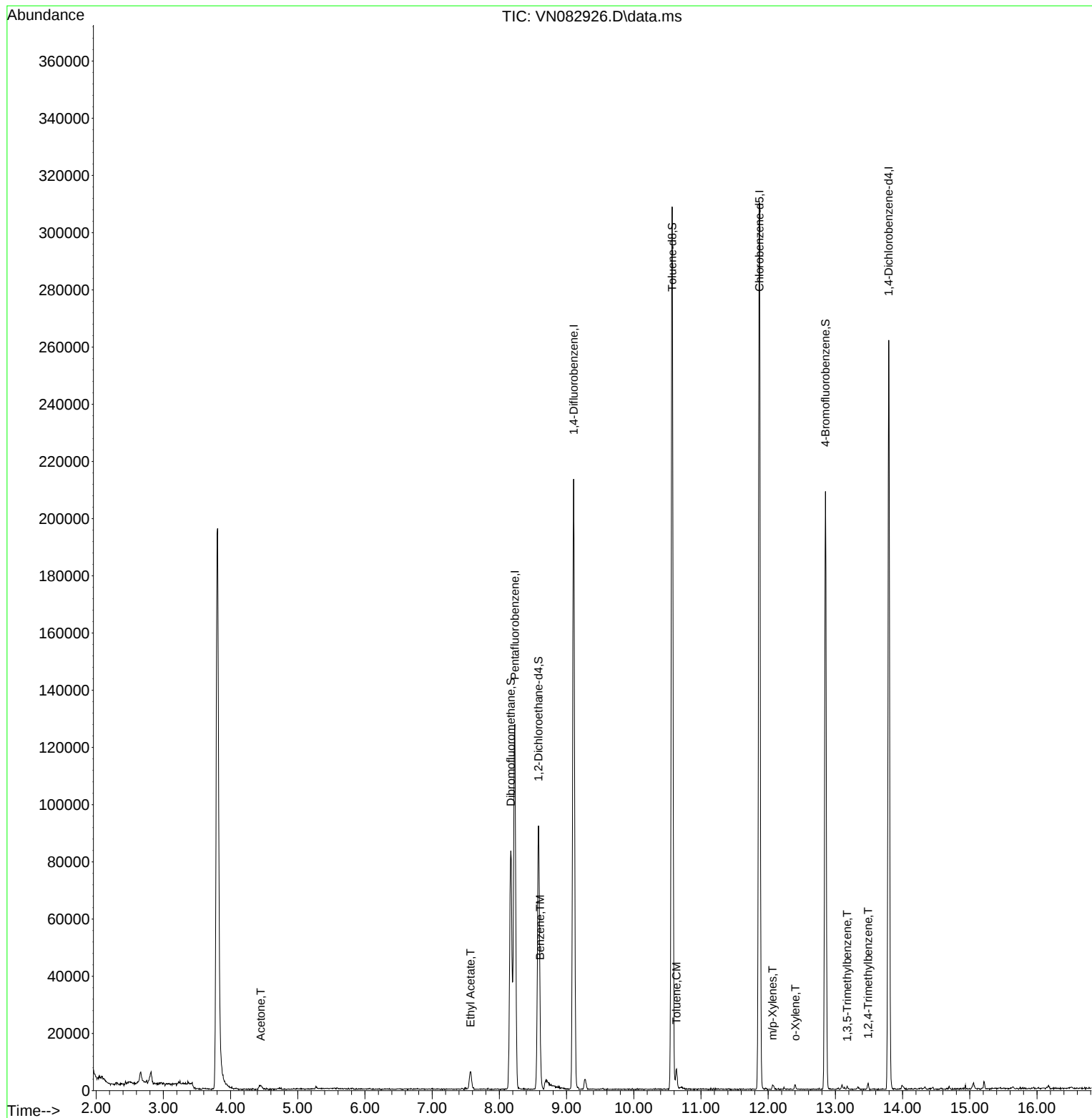
Internal Standards						
1) Pentafluorobenzene	8.230	168	89191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	173489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74865	59.879	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.760%	
35) Dibromofluoromethane	8.171	113	61621	55.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.700%	
50) Toluene-d8	10.571	98	206492	50.220	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.853	95	68554	46.416	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	3210	7.292	ug/l #	82
37) Ethyl Acetate	7.571	43	9443	6.043	ug/l #	96
40) Benzene	8.606	78	3699	0.783	ug/l #	90
52) Toluene	10.635	92	3025	1.026	ug/l	96
68) m/p-Xylenes	12.065	106	810	0.344	ug/l	88
69) o-Xylene	12.406	106	530	0.235	ug/l	72
80) 1,3,5-Trimethylbenzene	13.176	105	818	0.210	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.488	105	1728	0.436	ug/l	93

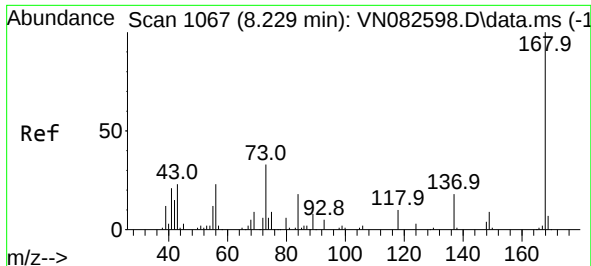
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

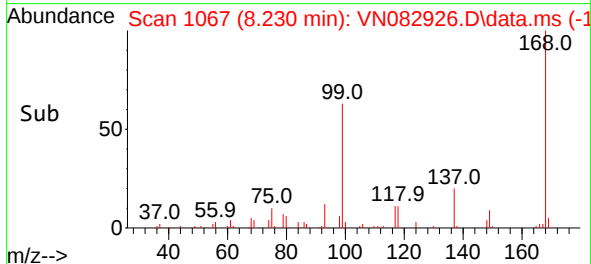
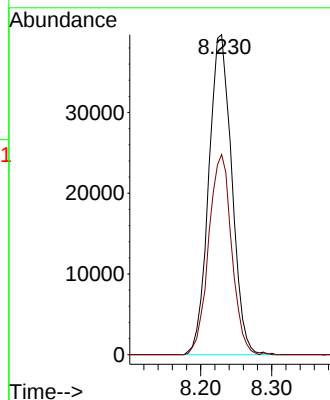
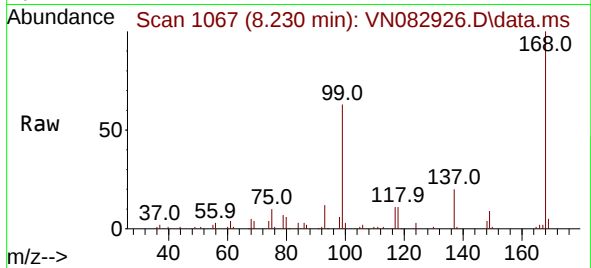




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

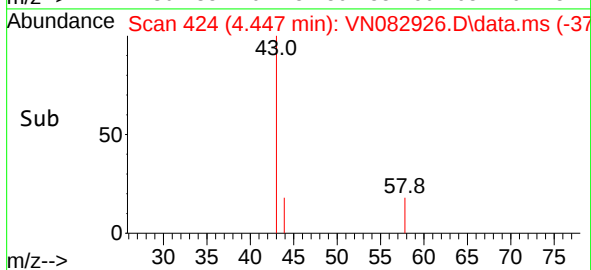
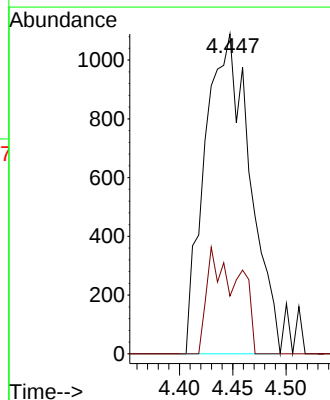
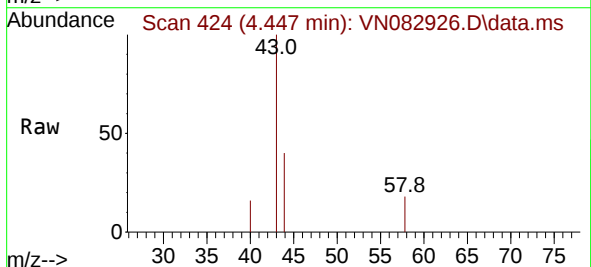
Instrument :
MSVOA_N
ClientSampleId :
50390

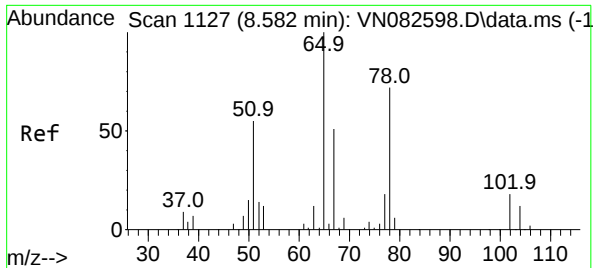
Tgt Ion:168 Resp: 89191
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#16
Acetone
Concen: 7.292 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 43 Resp: 3210
Ion Ratio Lower Upper
43 100
58 18.1 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 59.879 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082926.D

Acq: 15 Jul 2024 18:43

Instrument :

MSVOA_N

ClientSampleId :

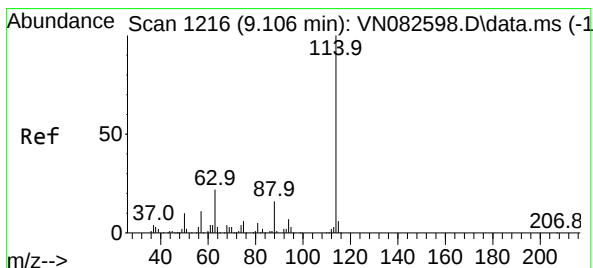
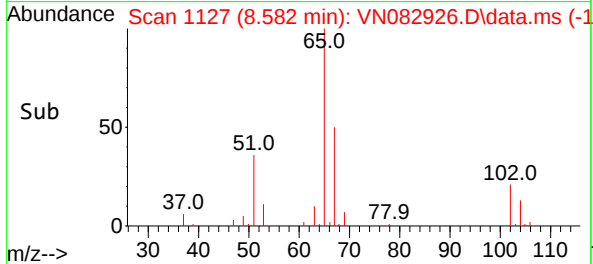
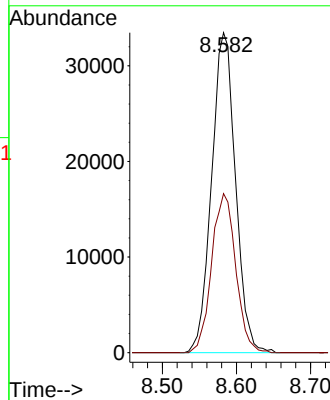
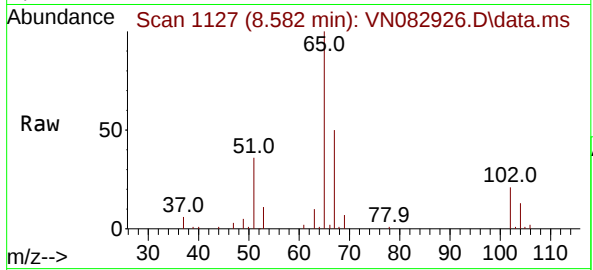
50390

Tgt Ion: 65 Resp: 74865

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082926.D

Acq: 15 Jul 2024 18:43

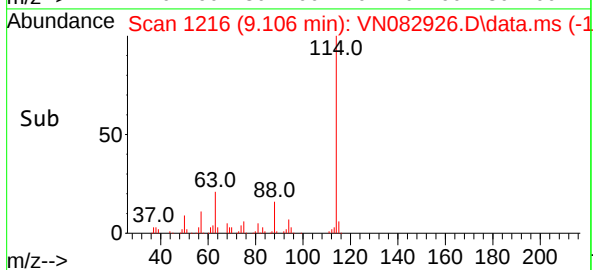
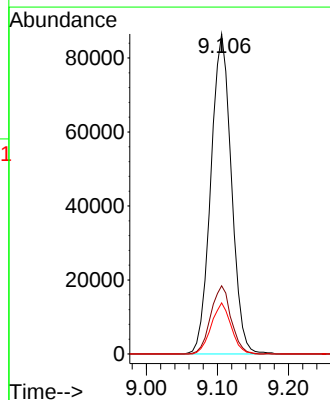
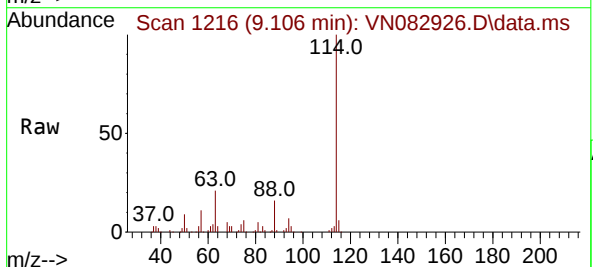
Tgt Ion: 114 Resp: 173489

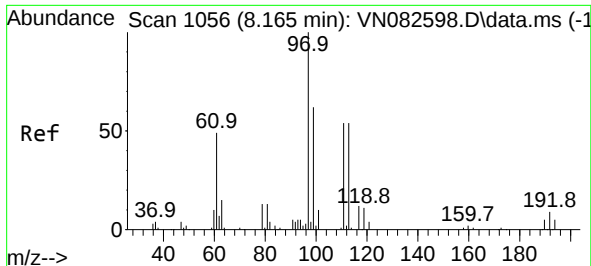
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.6

88 15.9 0.0 31.4

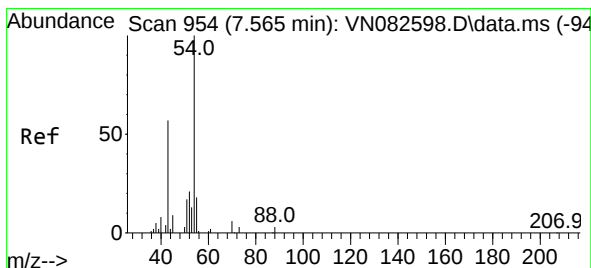
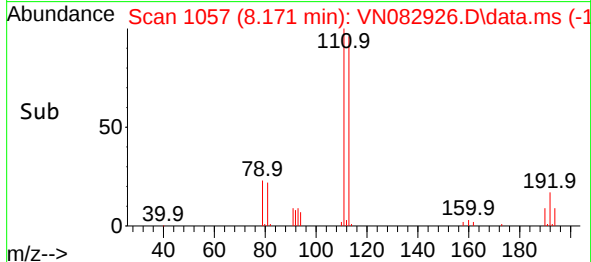
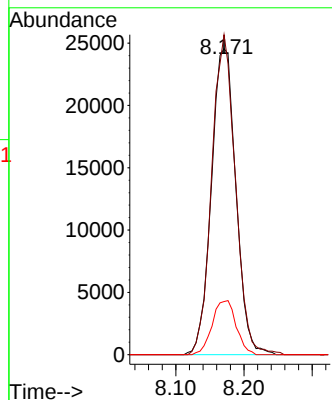
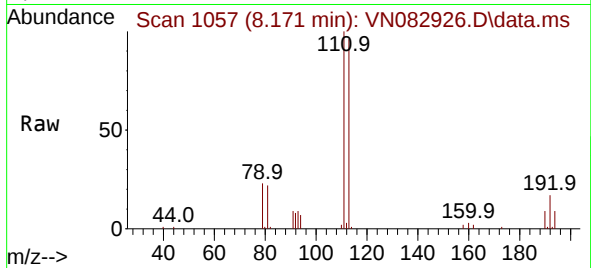




#35
Dibromofluoromethane
Concen: 55.353 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

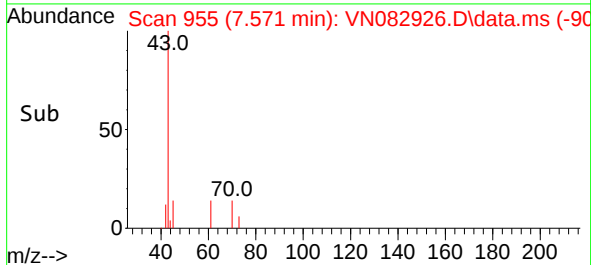
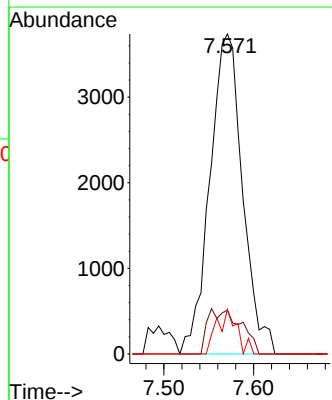
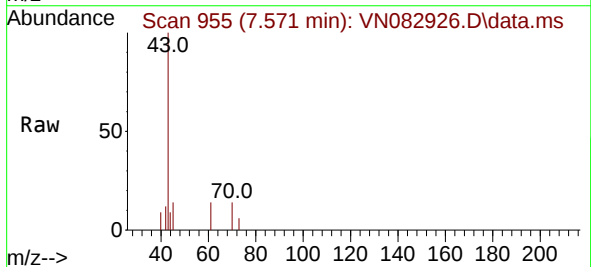
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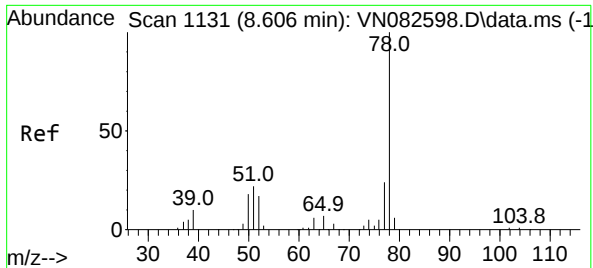
Tgt Ion:113 Resp: 61621
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 17.2 14.9 22.3



#37
Ethyl Acetate
Concen: 6.043 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 43 Resp: 9443
Ion Ratio Lower Upper
43 100
61 14.2 9.3 13.9#
70 8.6 7.0 10.6

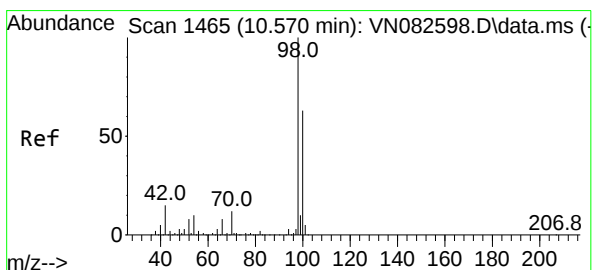
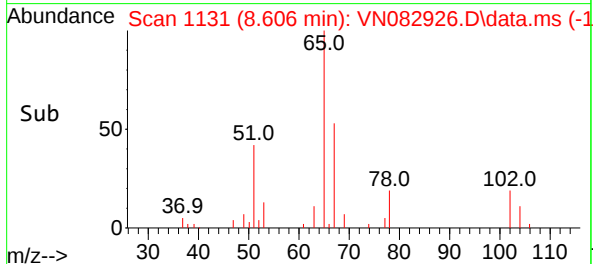
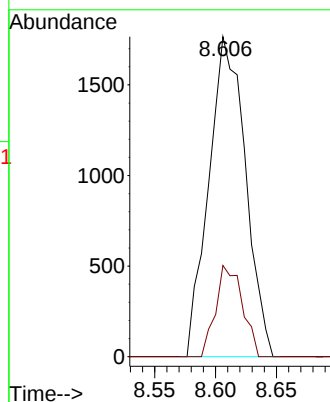
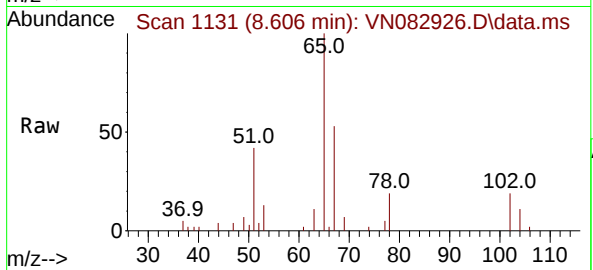




#40
Benzene
Concen: 0.783 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

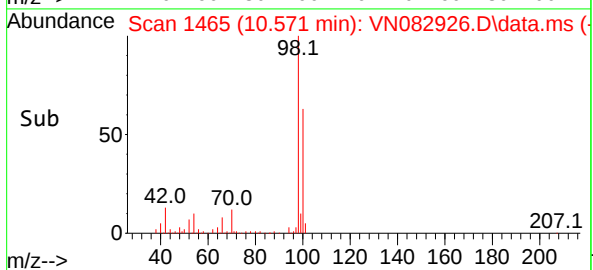
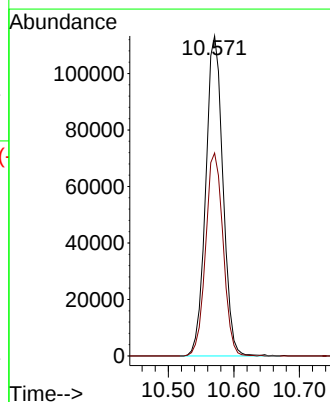
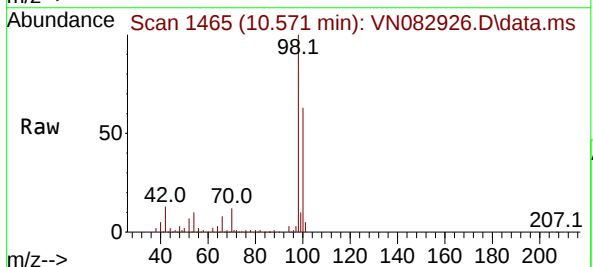
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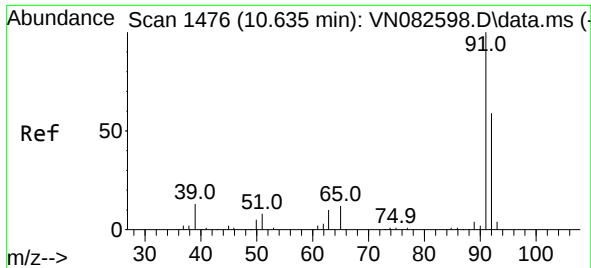
Tgt Ion: 78 Resp: 3699
Ion Ratio Lower Upper
78 100
77 28.5 19.0 28.4#



#50
Toluene-d8
Concen: 50.220 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 98 Resp: 206492
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

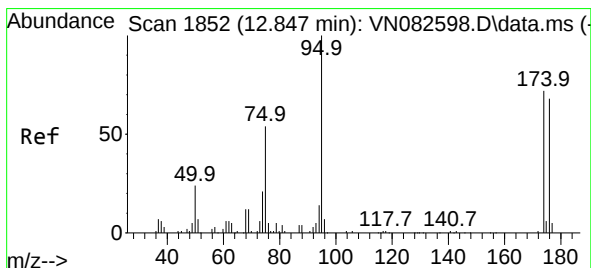
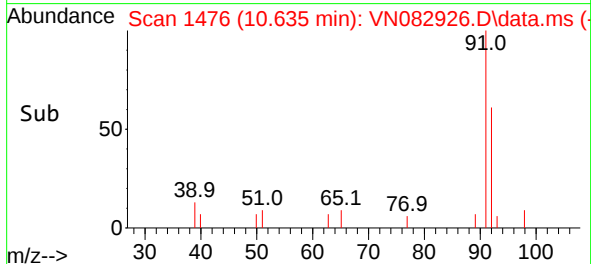
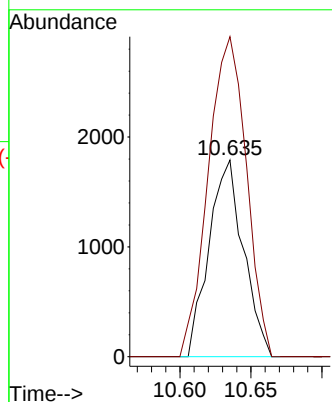
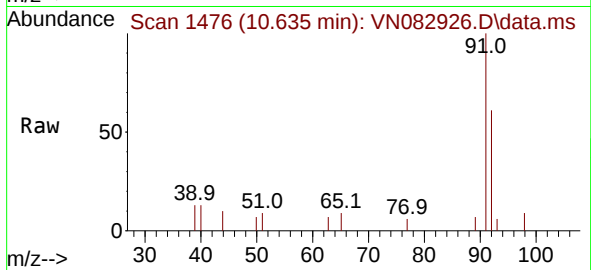




#52
Toluene
Concen: 1.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

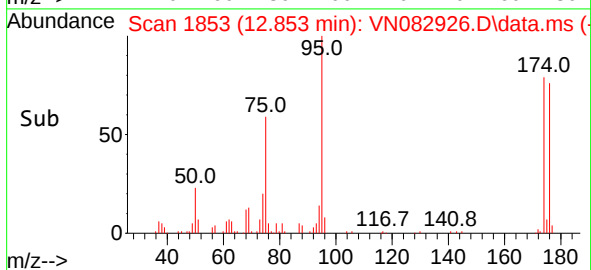
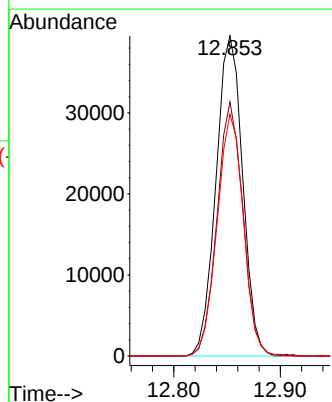
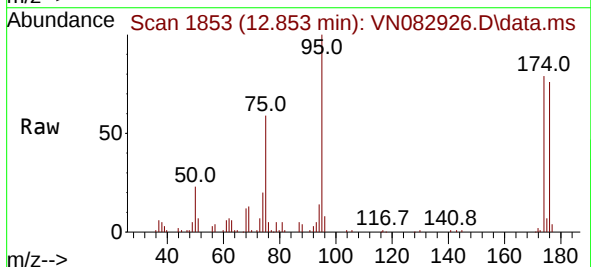
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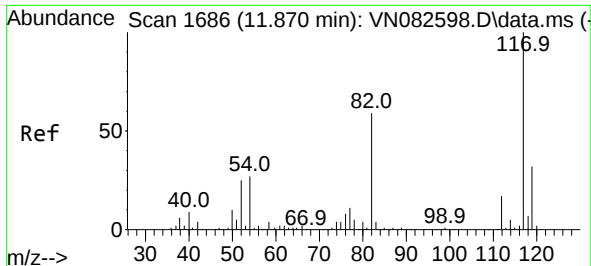
Tgt Ion: 92 Resp: 3025
Ion Ratio Lower Upper
92 100
91 180.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 95 Resp: 68554
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 74.6 0.0 147.6

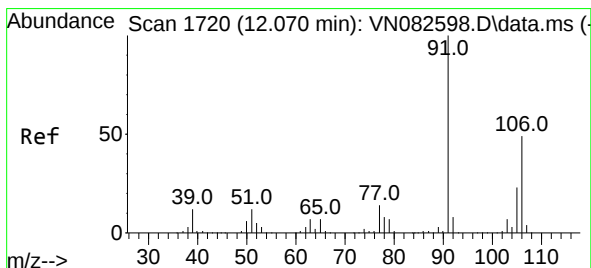
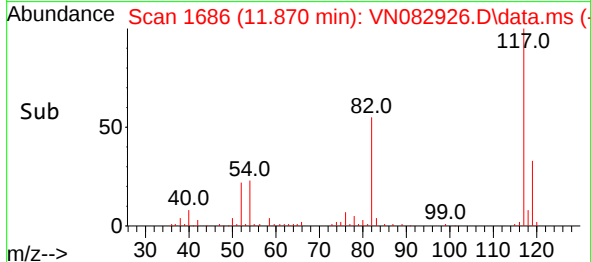
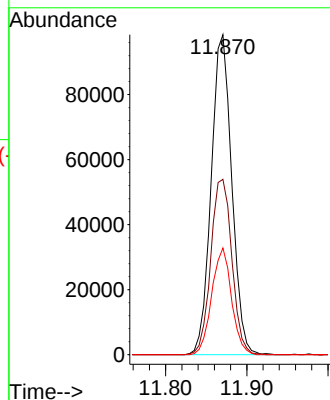
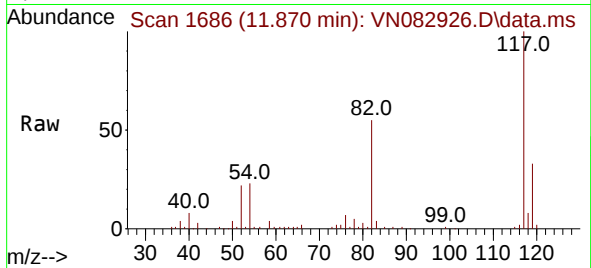




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

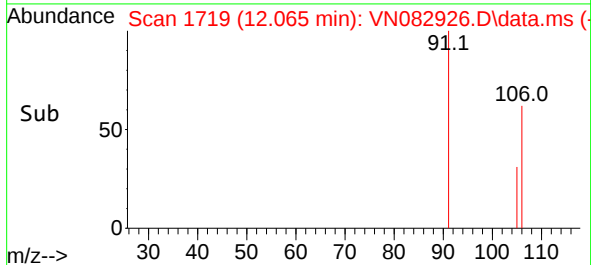
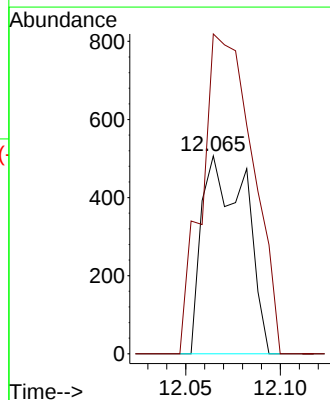
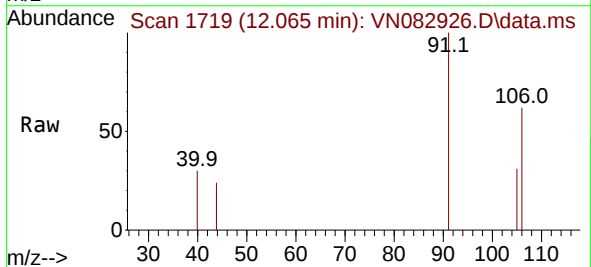
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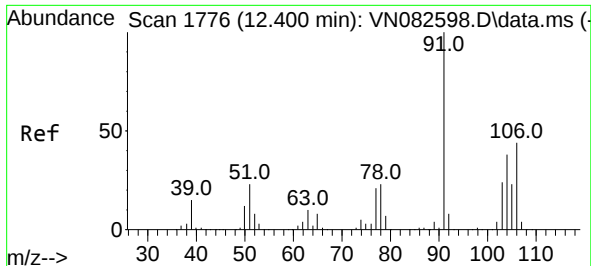
Tgt Ion:117 Resp: 173164
Ion Ratio Lower Upper
117 100
82 54.8 47.5 71.3
119 33.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.344 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 189.0 166.1 249.1

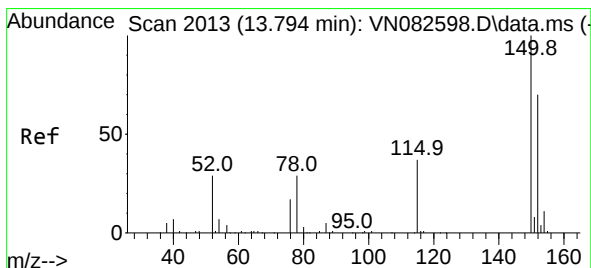
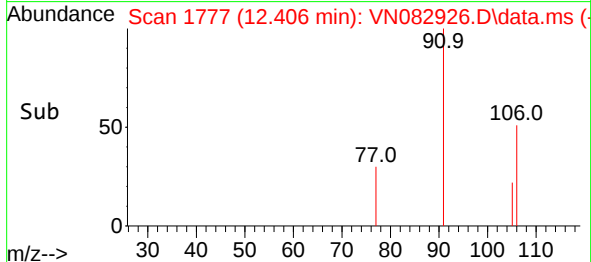
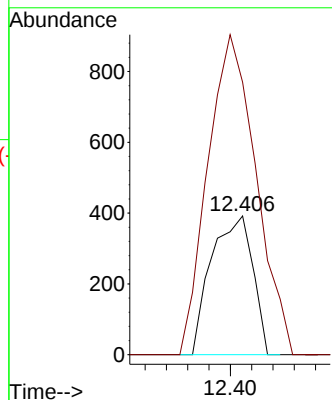
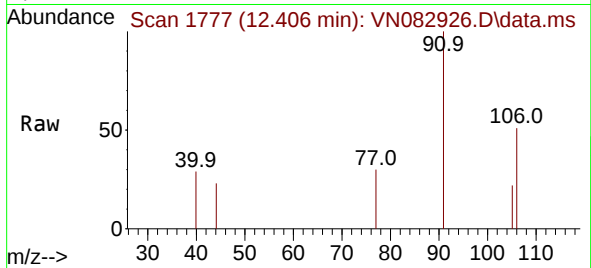




#69
o-Xylene
Concen: 0.235 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

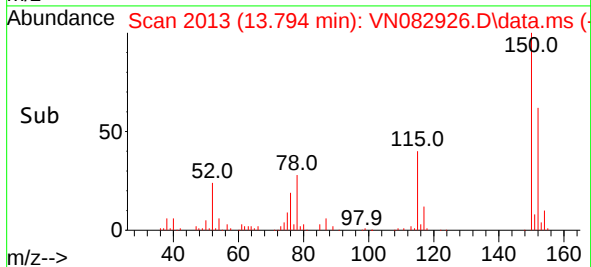
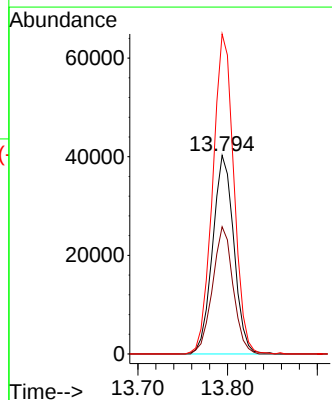
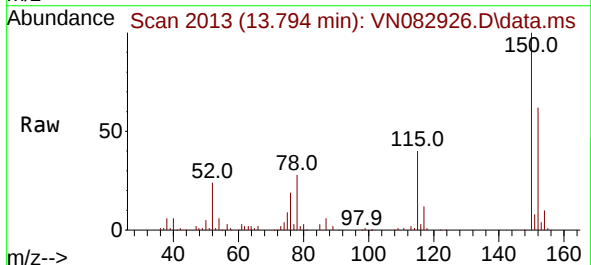
Instrument :
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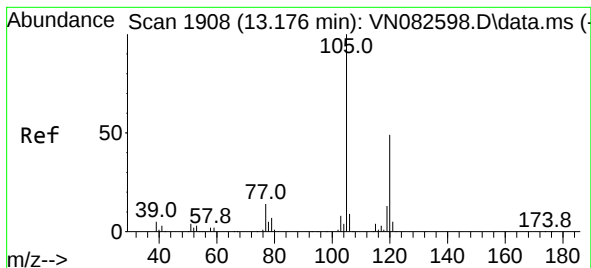
Tgt Ion:106 Resp: 530
Ion Ratio Lower Upper
106 100
91 268.7 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion:152 Resp: 66182
Ion Ratio Lower Upper
152 100
115 62.1 30.6 91.6
150 160.2 0.0 348.6

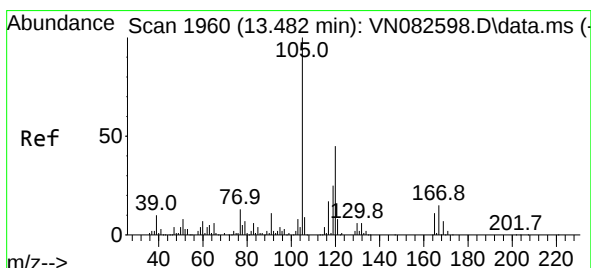
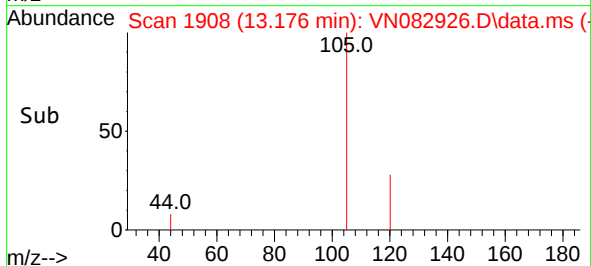
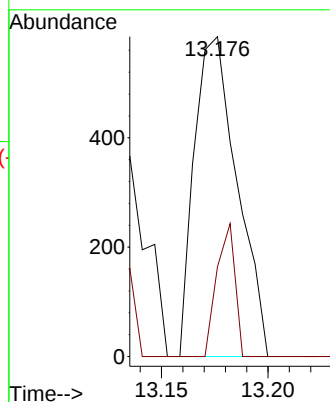
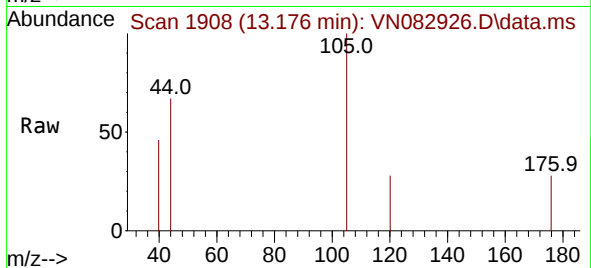




#80
1,3,5-Trimethylbenzene
Concen: 0.210 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :
50390

Tgt Ion:105 Resp: 818
Ion Ratio Lower Upper
105 100
120 17.6 24.3 72.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.436 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion:105 Resp: 1728
Ion Ratio Lower Upper
105 100
120 39.5 21.9 65.8

