

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080964.D
 Acq On : 08 Feb 2024 15:22
 Operator : JC\MD
 Sample : P1388-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 60135-60136-60137-60138-COMP

Quant Time: Feb 09 01:22:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

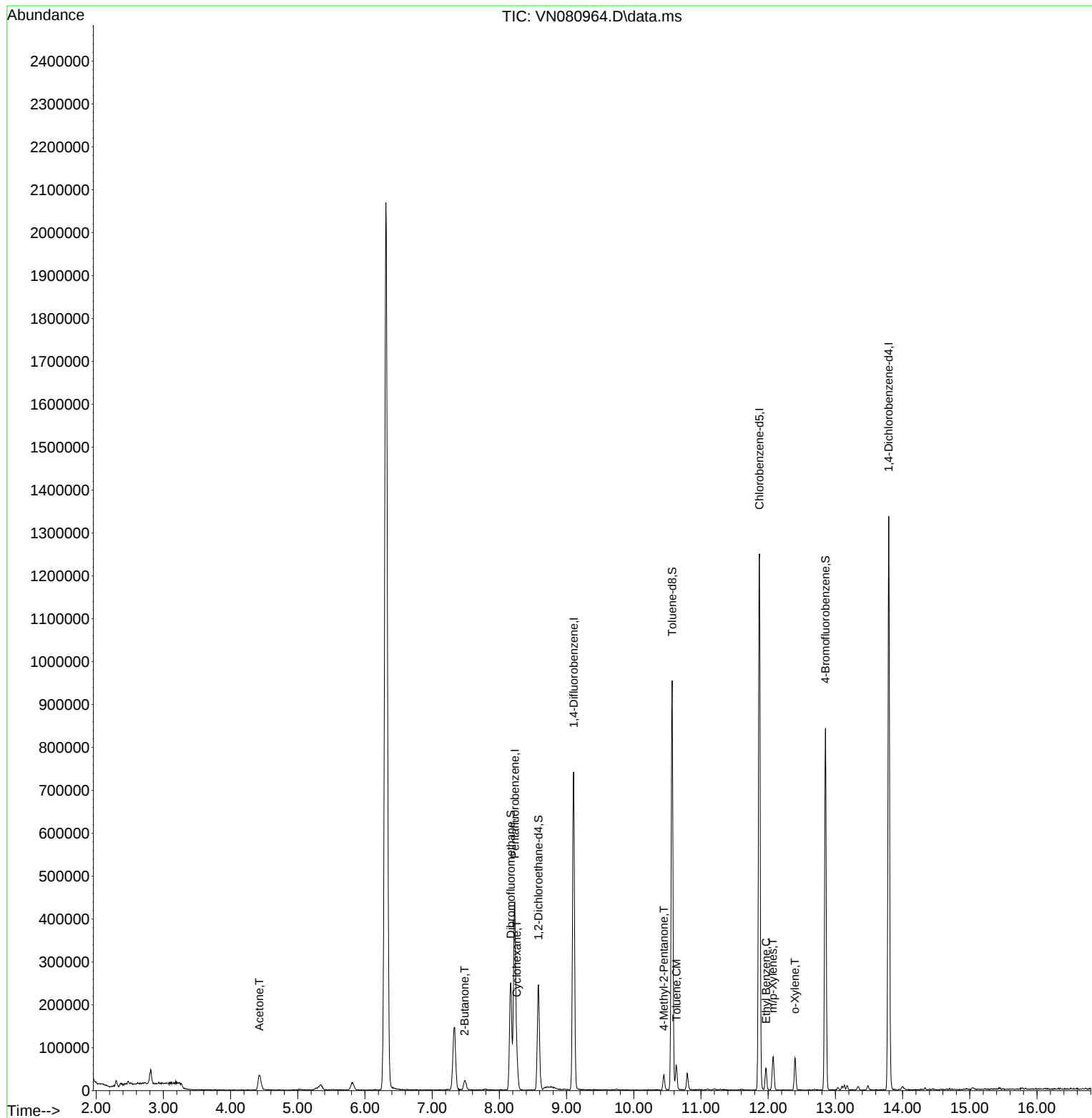
Internal Standards						
1) Pentafluorobenzene	8.230	168	304657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	657773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	737526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	338507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196385	51.099	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.200%		
35) Dibromofluoromethane	8.171	113	182464	51.695	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.400%		
50) Toluene-d8	10.571	98	653394	51.179	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.360%		
62) 4-Bromofluorobenzene	12.853	95	295224	63.655	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 127.300%#		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	67745	53.578	ug/l	95
25) 2-Butanone	7.483	43	37708	18.580	ug/l	99
31) Cyclohexane	8.259	56	44145	8.404	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	23541	5.347	ug/l	99
52) Toluene	10.635	92	24898	2.326	ug/l	100
67) Ethyl Benzene	11.971	91	36580	1.374	ug/l	98
68) m/p-Xylenes	12.071	106	26796	2.649	ug/l	94
69) o-Xylene	12.400	106	21015	2.141	ug/l	92

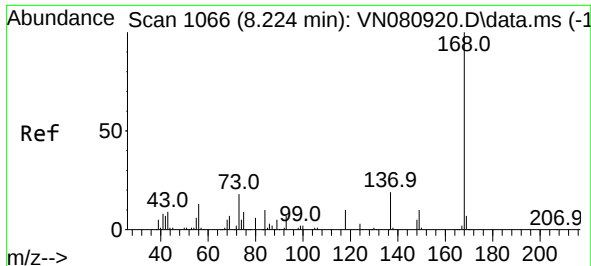
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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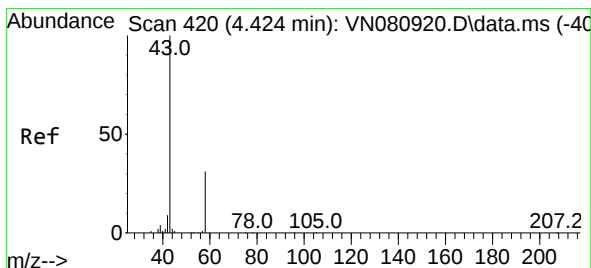
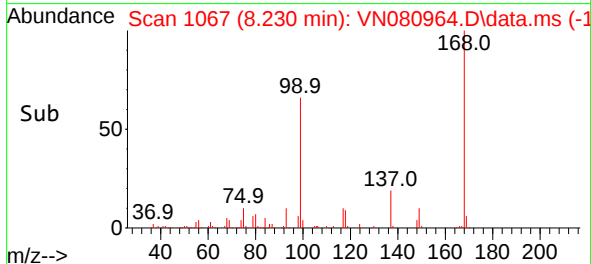
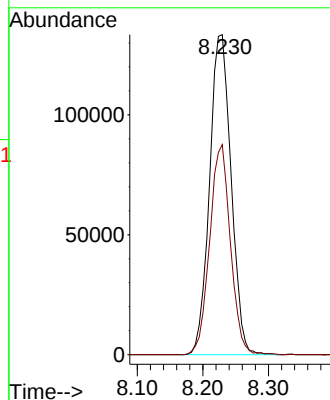
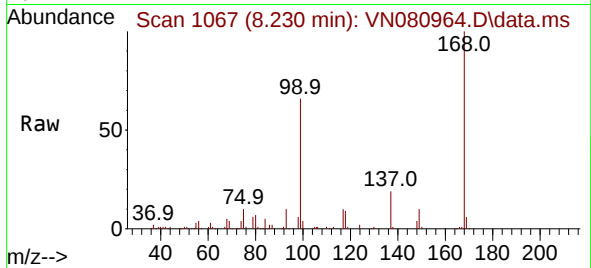




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

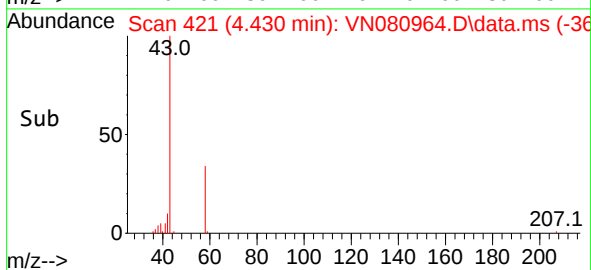
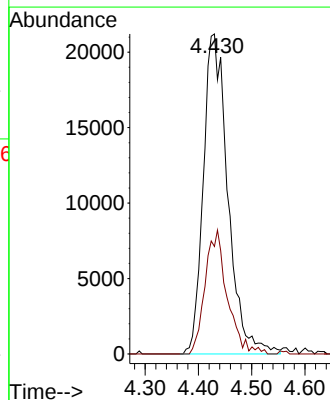
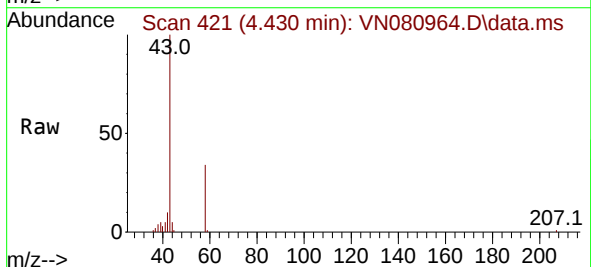
Instrument : MSVOA_N
ClientSampleId : 60135-60136-60137-60138-COMP

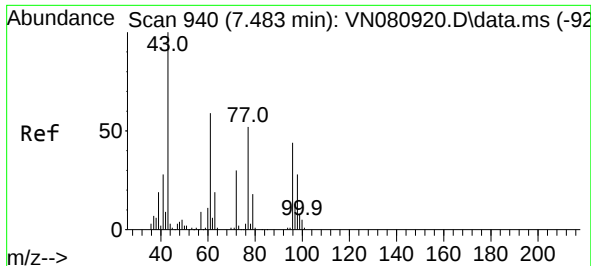
Tgt Ion:168 Resp: 304657
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9



#16
Acetone
Concen: 53.578 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 43 Resp: 67745
Ion Ratio Lower Upper
43 100
58 33.6 24.8 37.2

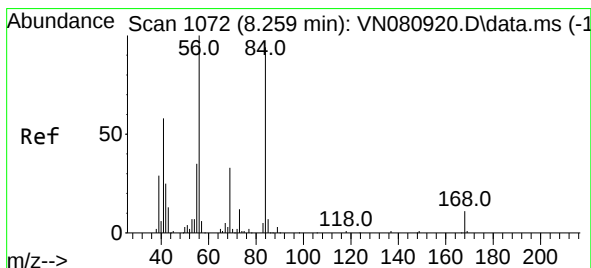
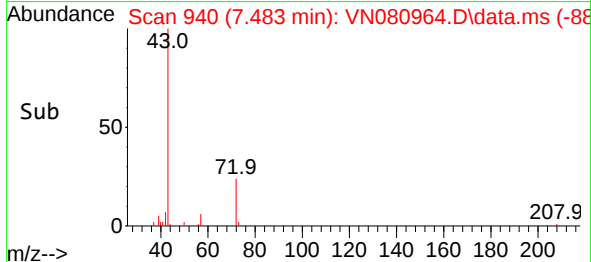
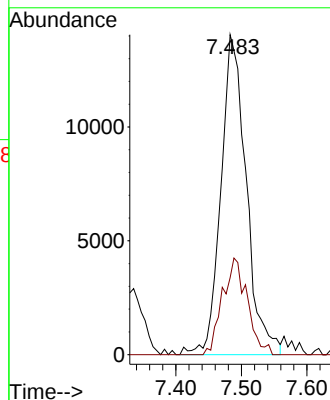
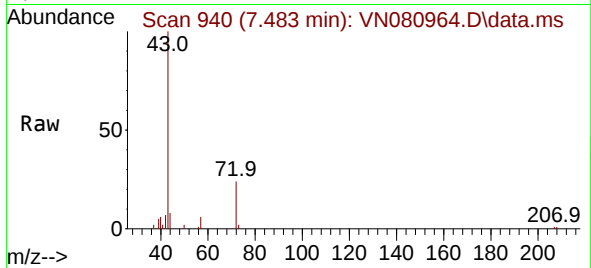




#25
2-Butanone
Concen: 18.580 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

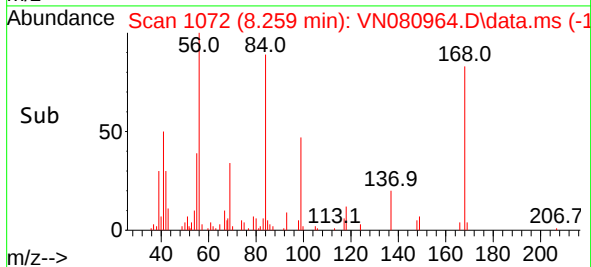
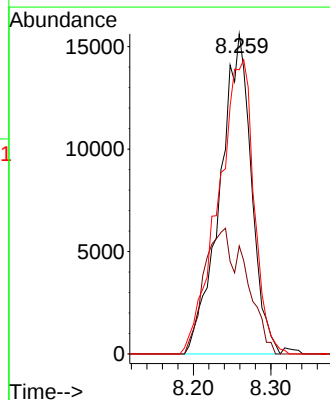
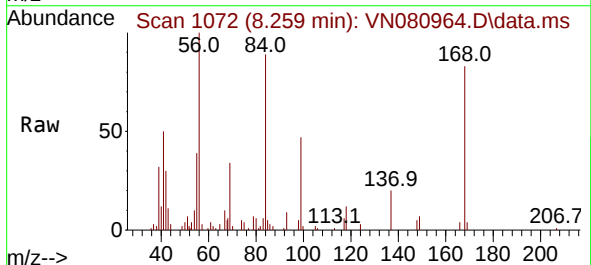
Instrument :
MSVOA_N
ClientSampleId :
60135-60136-60137-60138-COMP

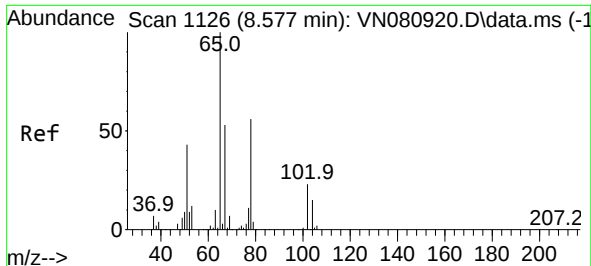
Tgt Ion: 43 Resp: 37708
Ion Ratio Lower Upper
43 100
72 24.1 19.5 29.3



#31
Cyclohexane
Concen: 8.404 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 56 Resp: 44145
Ion Ratio Lower Upper
56 100
69 33.7 20.1 30.1#
84 88.8 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.099 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080964.D

Acq: 08 Feb 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

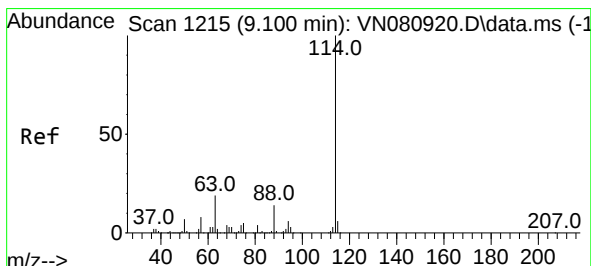
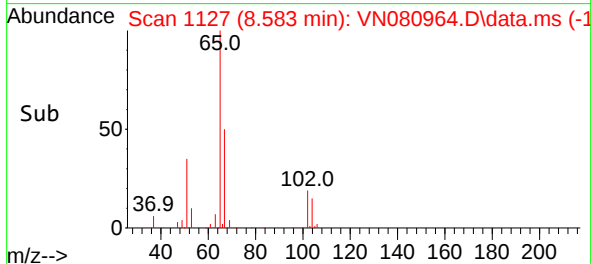
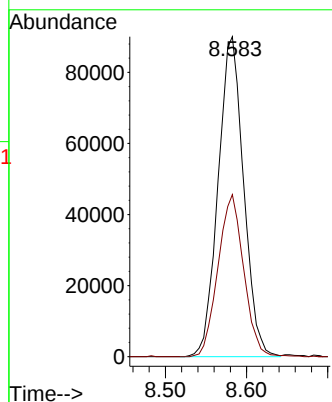
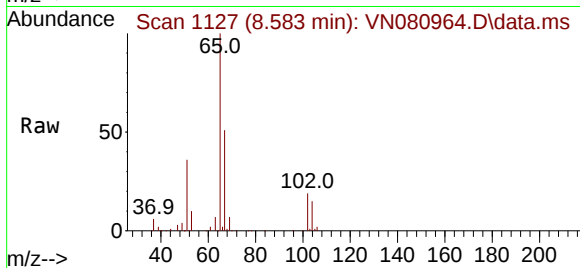
60135-60136-60137-60138-COMP

Tgt Ion: 65 Resp: 196385

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080964.D

Acq: 08 Feb 2024 15:22

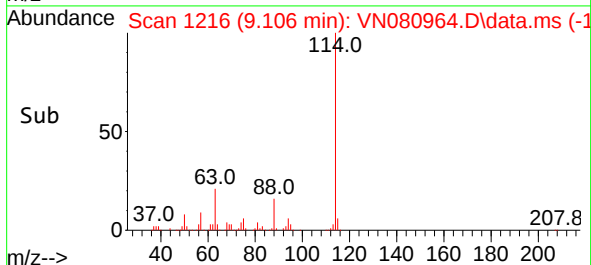
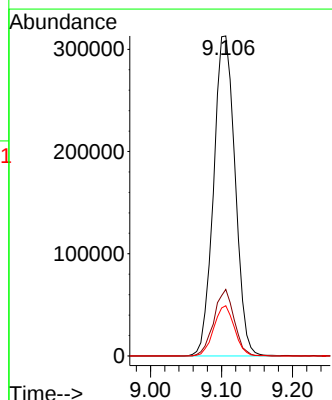
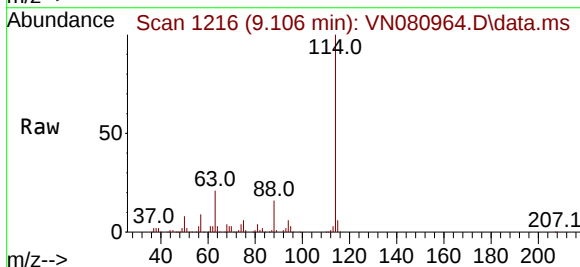
Tgt Ion: 114 Resp: 657773

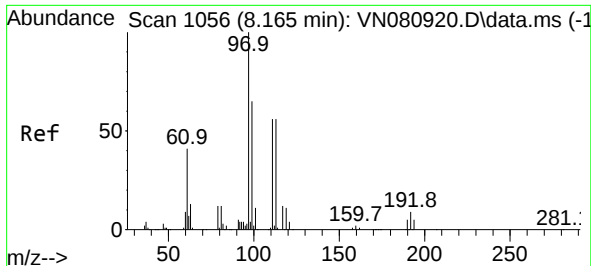
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.7 0.0 34.8

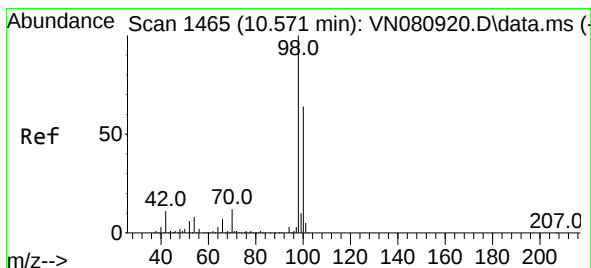
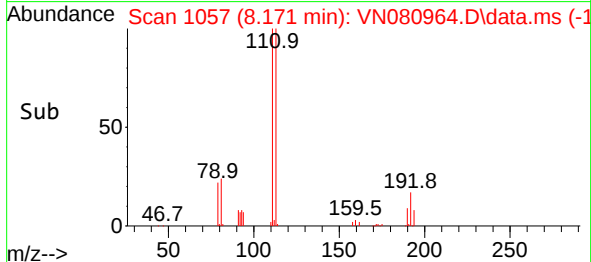
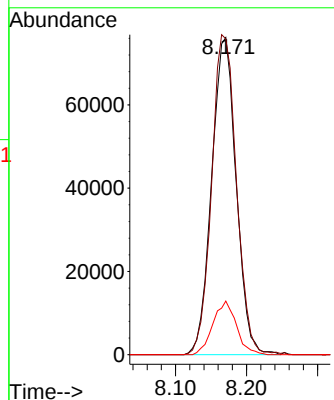
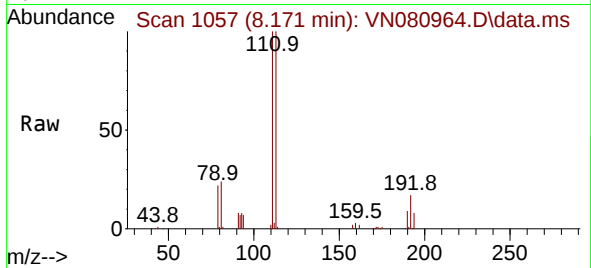




#35
Dibromofluoromethane
Concen: 51.695 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

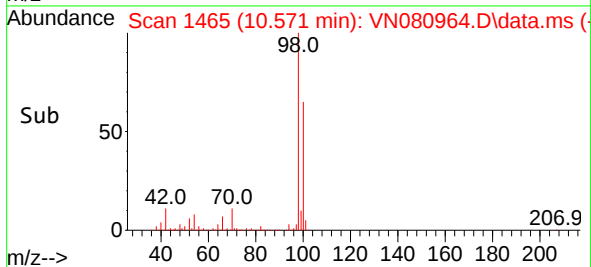
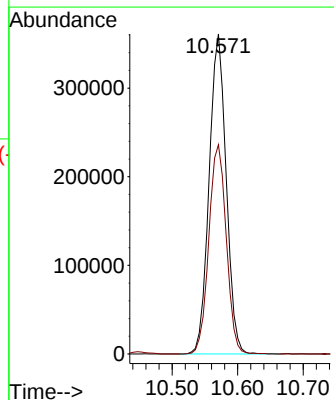
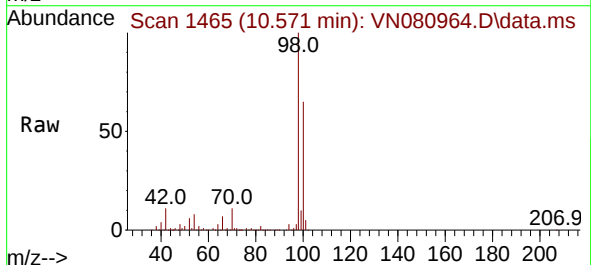
Instrument :
MSVOA_N
ClientSampleId :
60135-60136-60137-60138-COMP

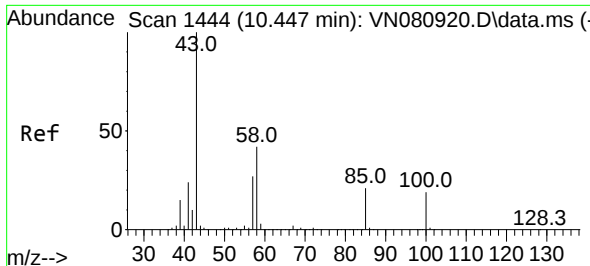
Tgt Ion:113 Resp: 182464
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.2 12.5 18.7



#50
Toluene-d8
Concen: 51.179 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 98 Resp: 653394
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

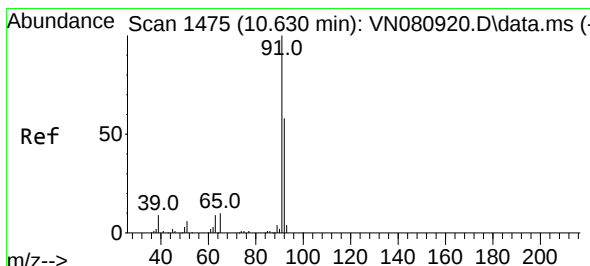
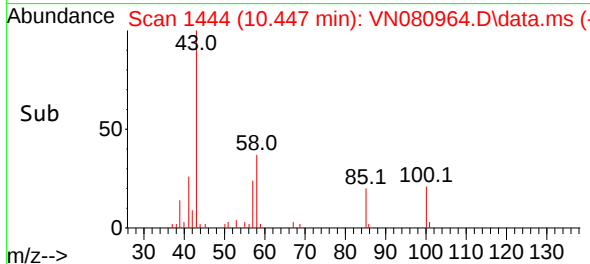
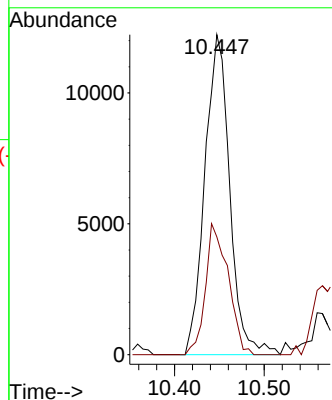
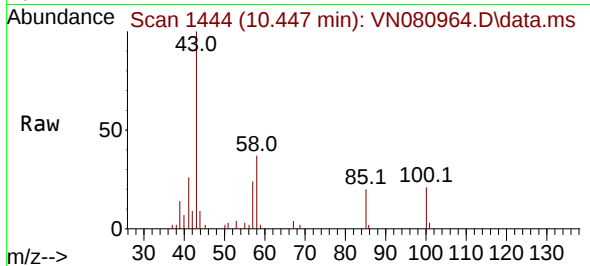




#51
4-Methyl-2-Pentanone
Concen: 5.347 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

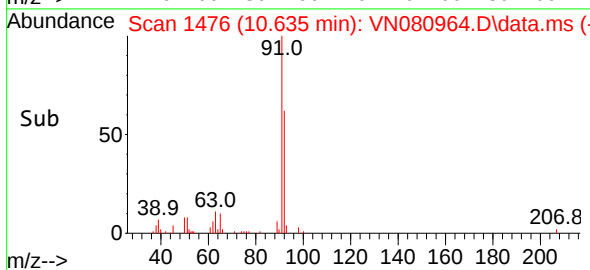
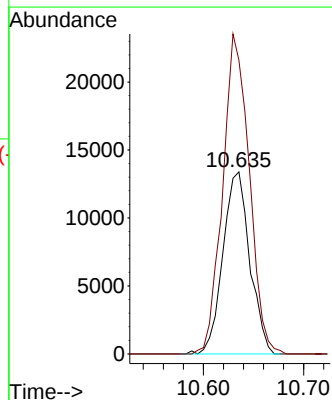
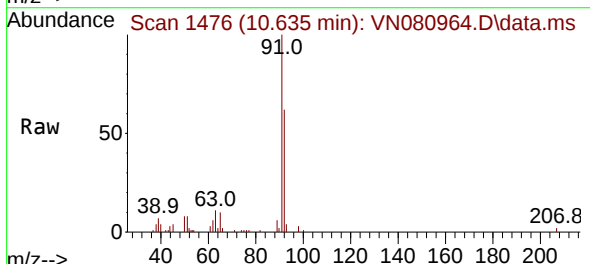
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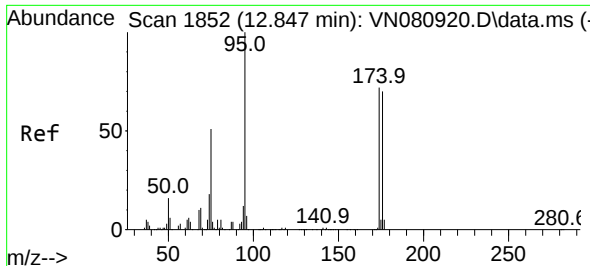
Tgt Ion: 43 Resp: 23541
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.0



#52
Toluene
Concen: 2.326 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 92 Resp: 24898
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0

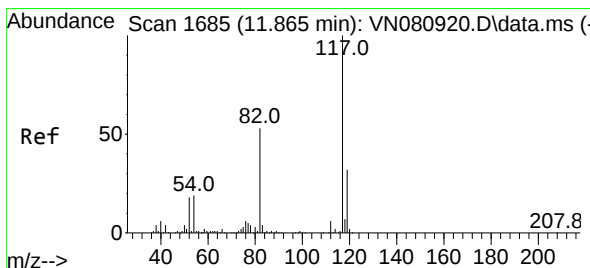
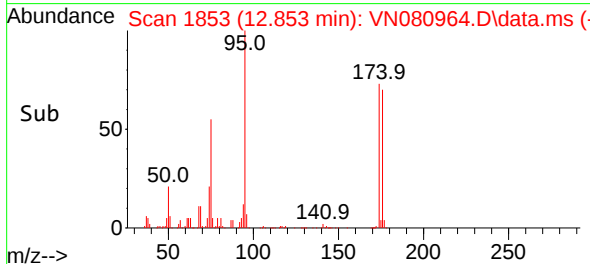
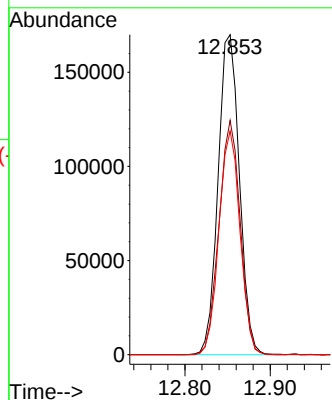
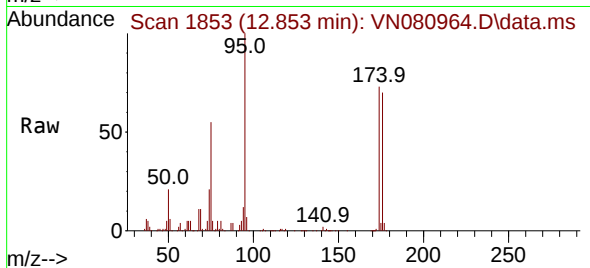




#62
4-Bromofluorobenzene
Concen: 63.655 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

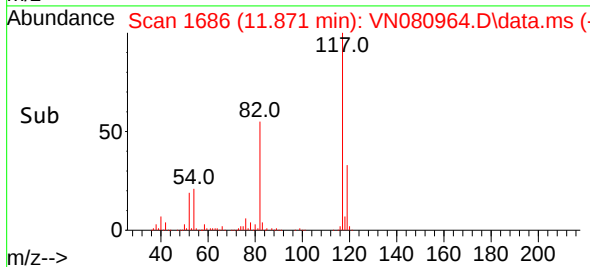
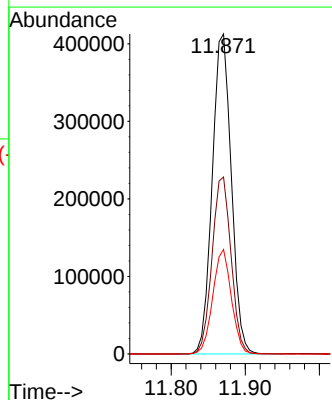
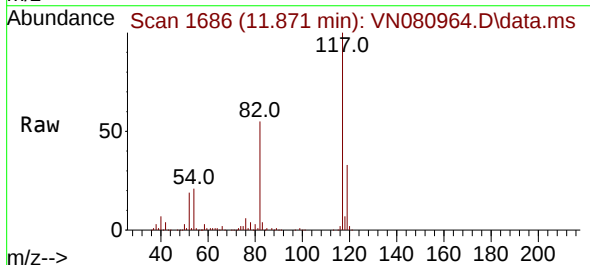
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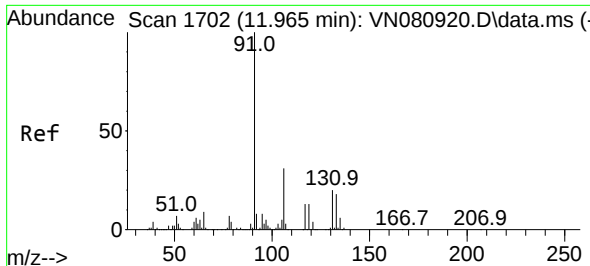
Tgt Ion: 95 Resp: 295224
Ion Ratio Lower Upper
95 100
174 72.7 0.0 120.4
176 69.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 117 Resp: 737526
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 32.7 25.3 37.9

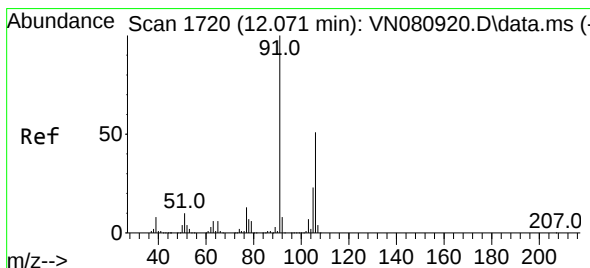
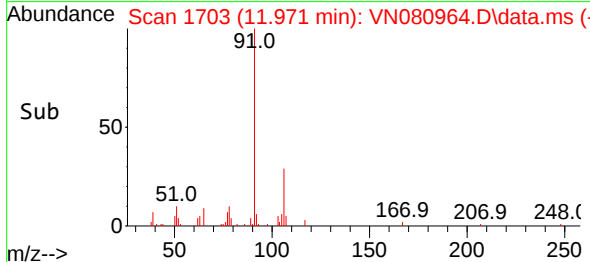
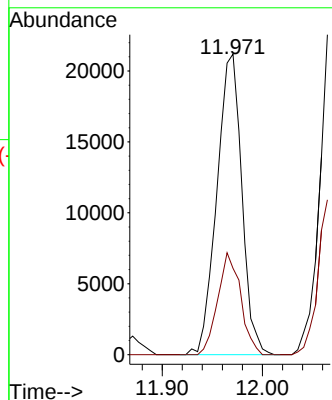
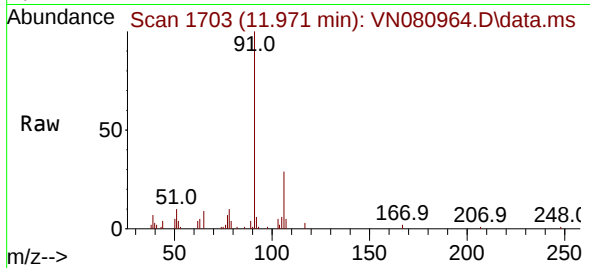




#67
Ethyl Benzene
Concen: 1.374 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

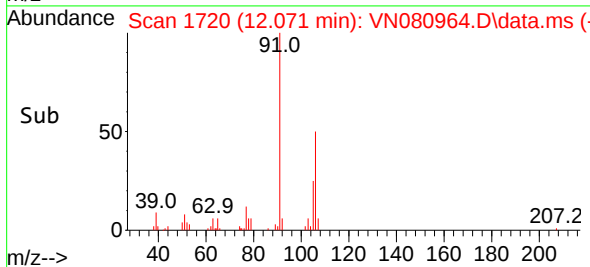
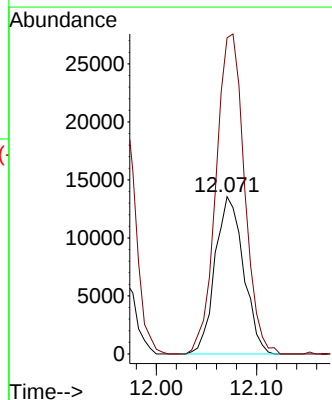
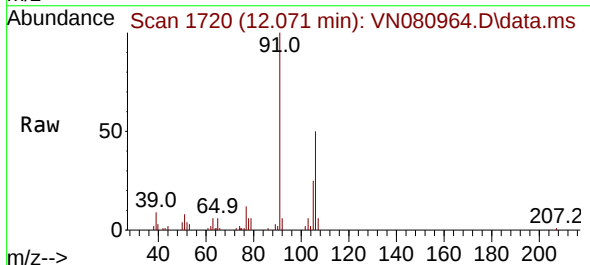
Instrument :
MSVOA_N
ClientSampleId :
60135-60136-60137-60138-COMP

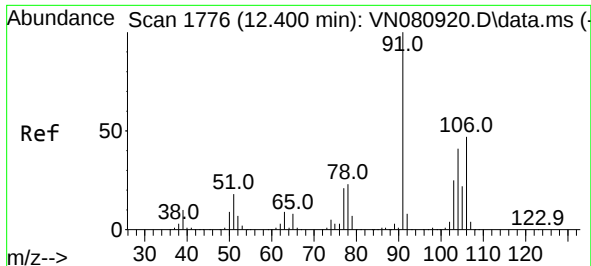
Tgt Ion: 91 Resp: 36580
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6



#68
m/p-Xylenes
Concen: 2.649 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion:106 Resp: 26796
Ion Ratio Lower Upper
106 100
91 202.5 169.0 253.6

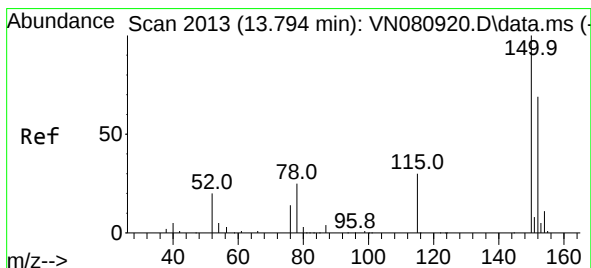
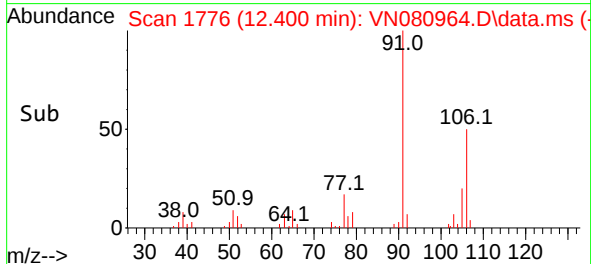
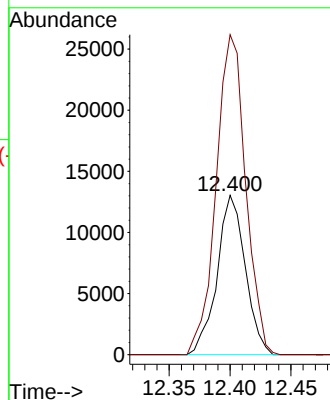
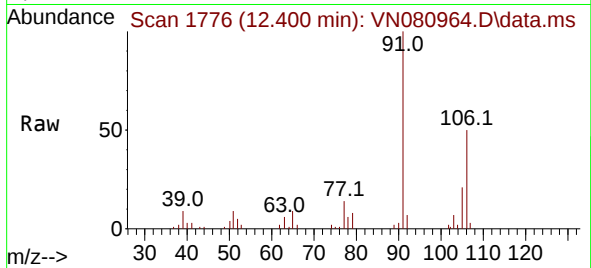




#69
o-Xylene
Concen: 2.141 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
60135-60136-60137-60138-COMP

Tgt Ion:106 Resp: 21015
Ion Ratio Lower Upper
106 100
91 210.4 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080964.D
Acq: 08 Feb 2024 15:22

Tgt Ion:152 Resp: 338507
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 160.1 0.0 339.8

