

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082237.D
 Acq On : 21 May 2024 13:52
 Operator : JC\MD
 Sample : P2537-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 451

Quant Time: May 22 01:26:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

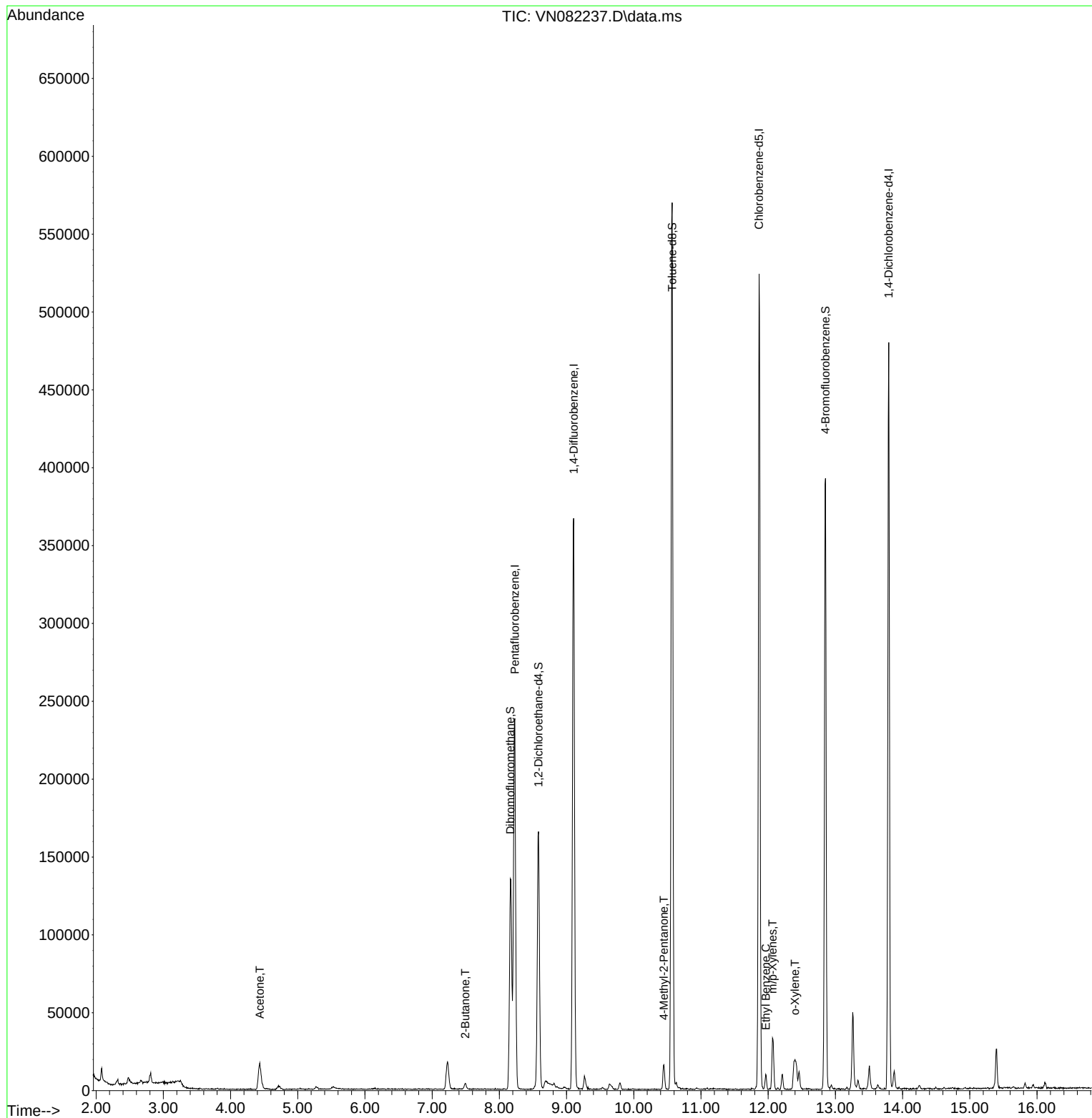
Internal Standards						
1) Pentafluorobenzene	8.229	168	166547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137626	52.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.660%	
35) Dibromofluoromethane	8.165	113	95748	53.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.320%	
50) Toluene-d8	10.570	98	375759	54.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.853	95	125746	51.022	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	32782	30.388	ug/l	89
25) 2-Butanone	7.494	43	6653	4.068	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	12532	3.682	ug/l	87
67) Ethyl Benzene	11.965	91	6400	0.590	ug/l	98
68) m/p-Xylenes	12.065	106	10453	2.628	ug/l	90
69) o-Xylene	12.400	106	4030	1.046	ug/l	99

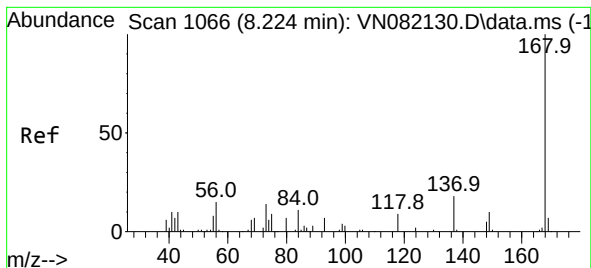
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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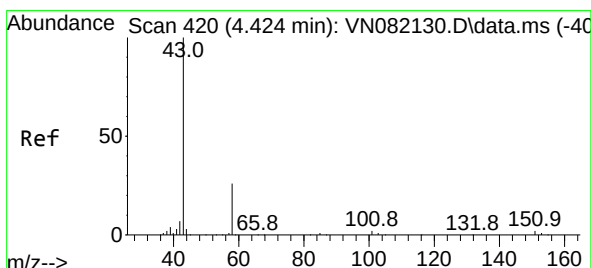
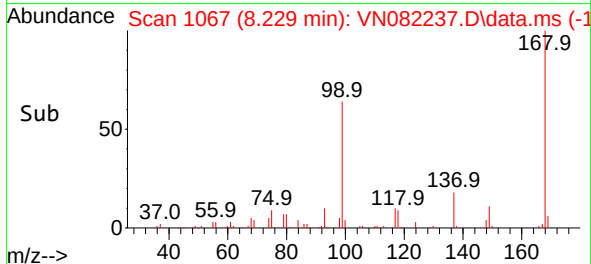
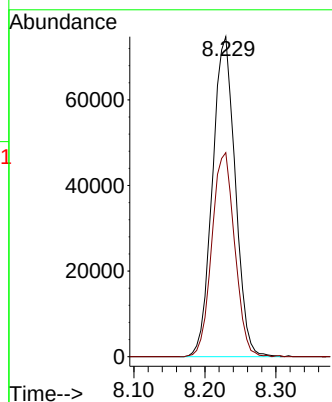
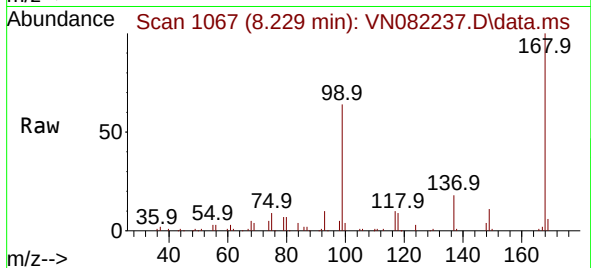




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

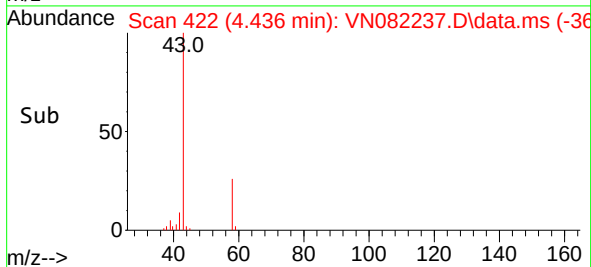
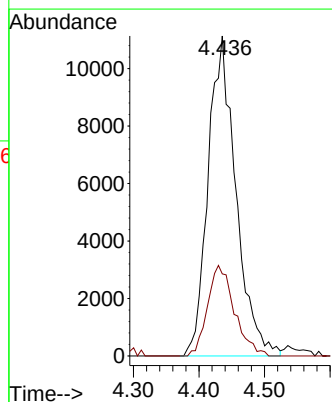
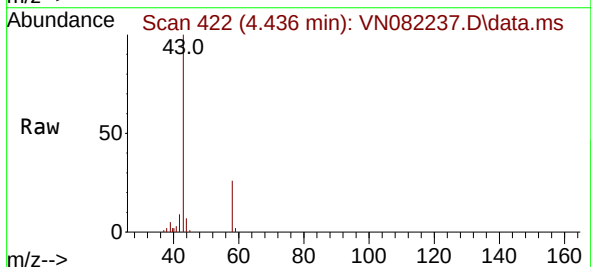
Instrument :
MSVOA_N
ClientSampleId :
451

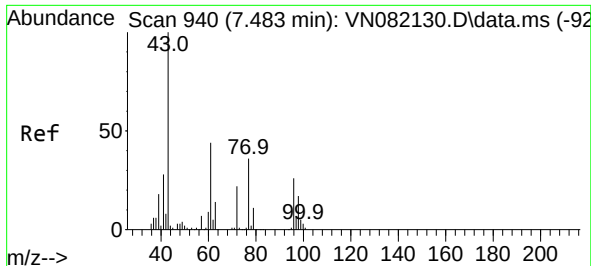
Tgt Ion:168 Resp: 166547
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#16
Acetone
Concen: 30.388 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion: 43 Resp: 32782
Ion Ratio Lower Upper
43 100
58 25.7 25.2 37.8

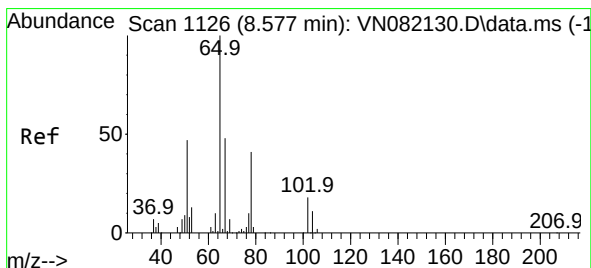
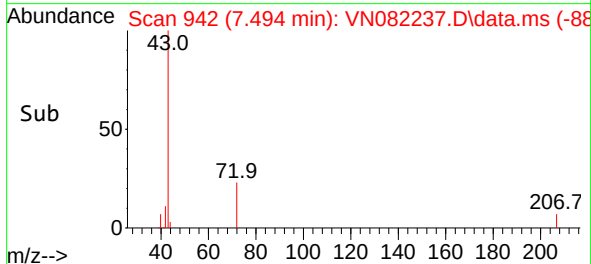
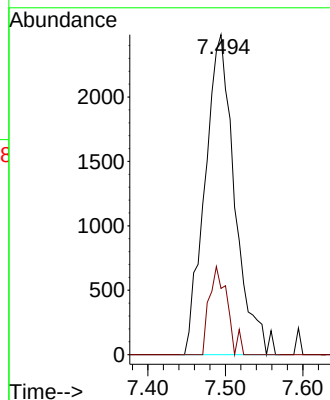
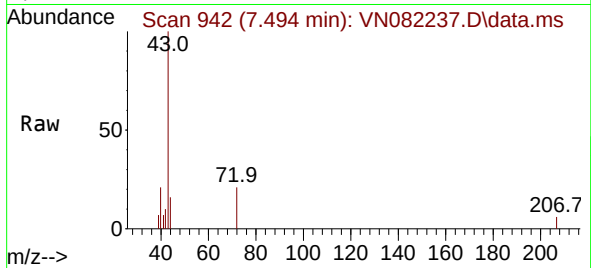




#25
2-Butanone
Concen: 4.068 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

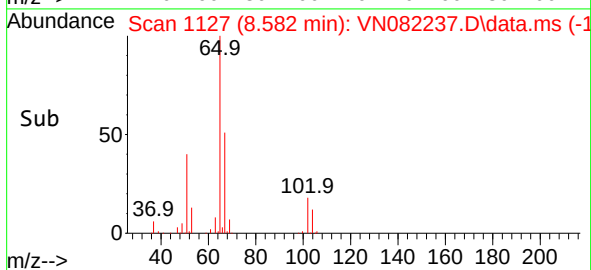
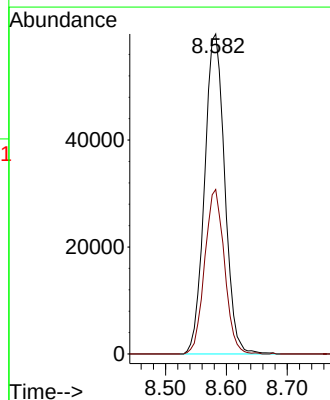
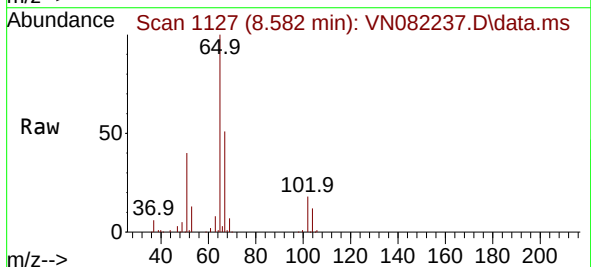
Instrument :
MSVOA_N
ClientSampleId :
451

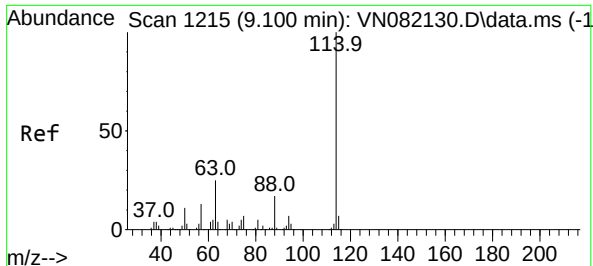
Tgt Ion: 43 Resp: 6653
Ion Ratio Lower Upper
43 100
72 20.7 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 52.333 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion: 65 Resp: 137626
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082237.D

Acq: 21 May 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

451

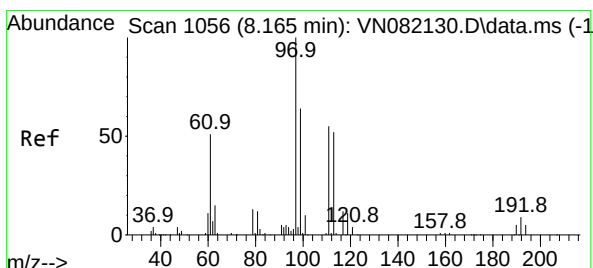
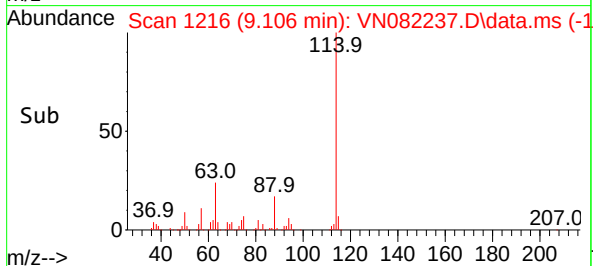
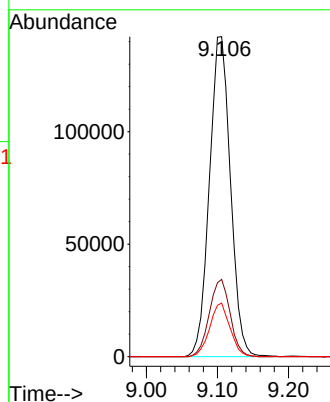
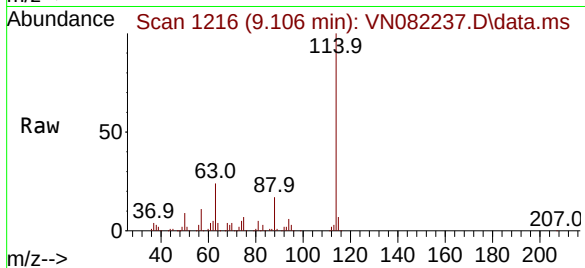
Tgt Ion:114 Resp: 292776

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.163 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082237.D

Acq: 21 May 2024 13:52

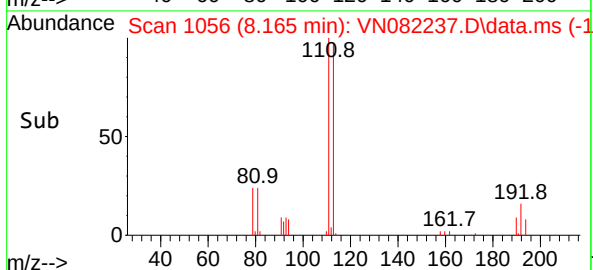
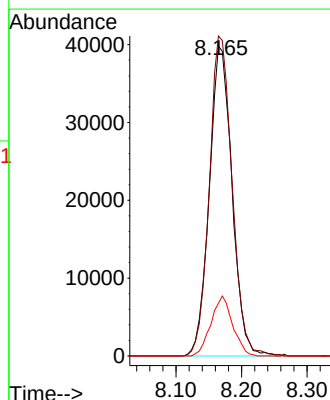
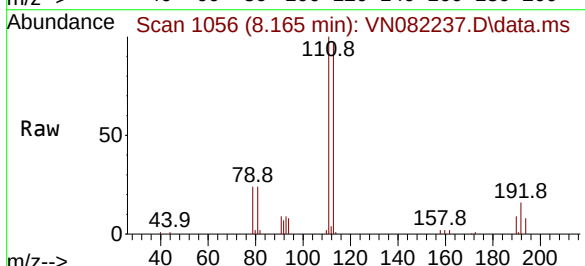
Tgt Ion:113 Resp: 95748

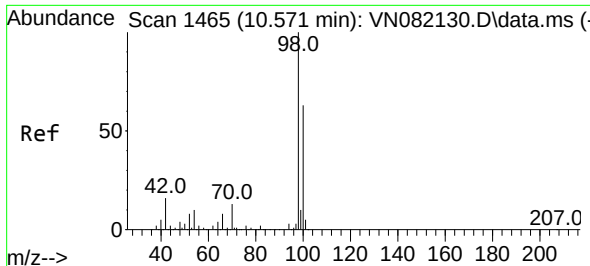
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 18.4 14.0 21.0

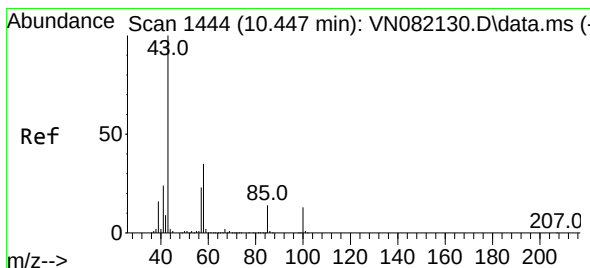
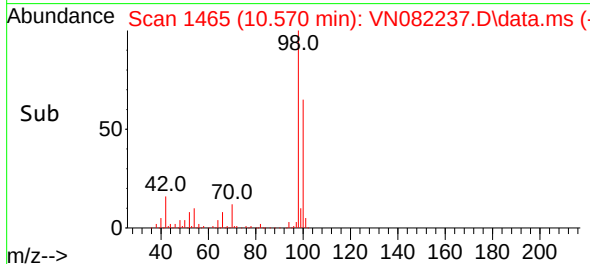
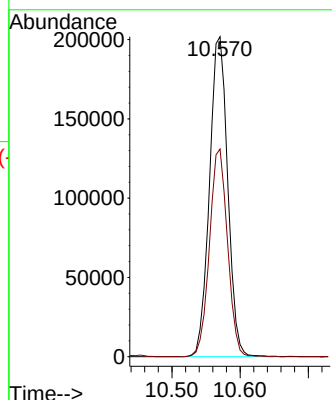
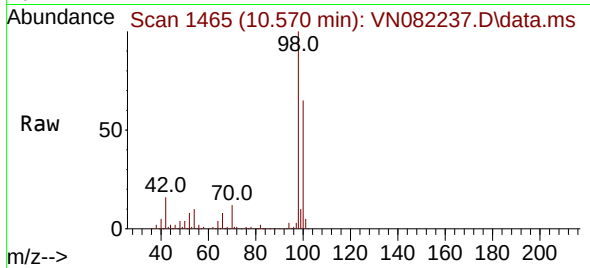




#50
Toluene-d8
Concen: 54.419 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

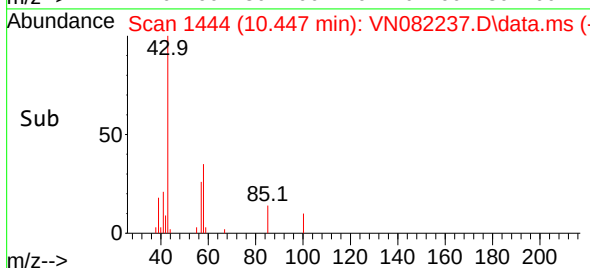
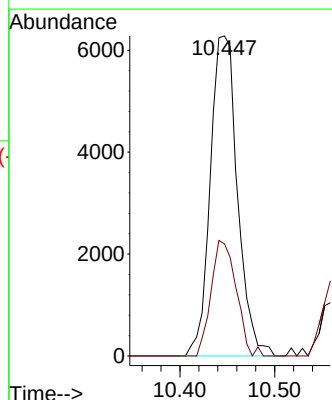
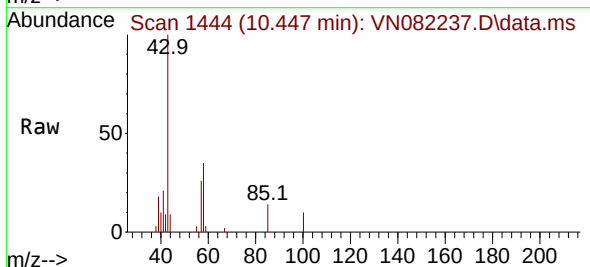
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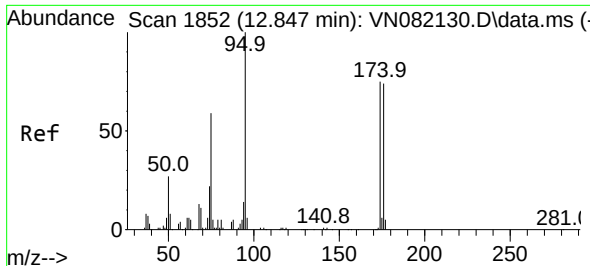
Tgt Ion: 98 Resp: 375759
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 3.682 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion: 43 Resp: 12532
Ion Ratio Lower Upper
43 100
58 33.3 33.2 49.8

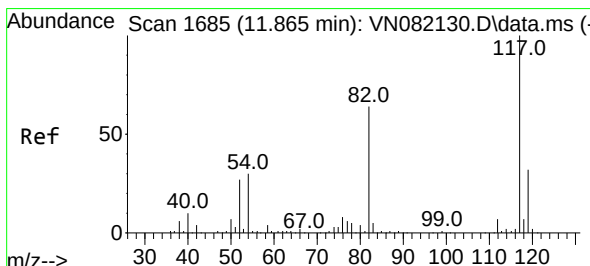
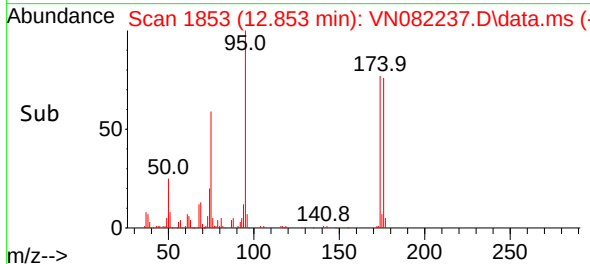
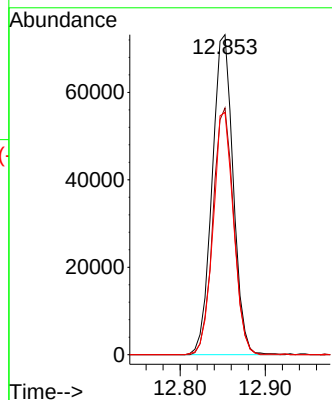
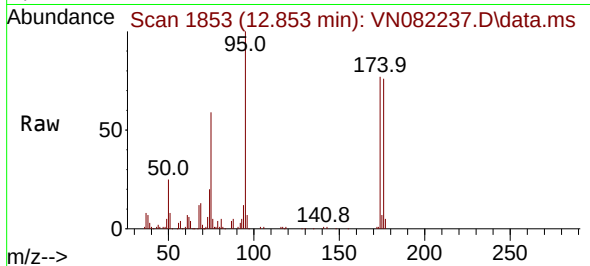




#62
4-Bromofluorobenzene
Concen: 51.022 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

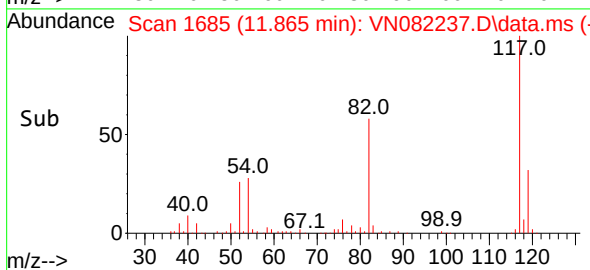
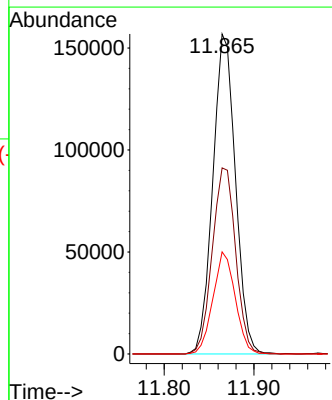
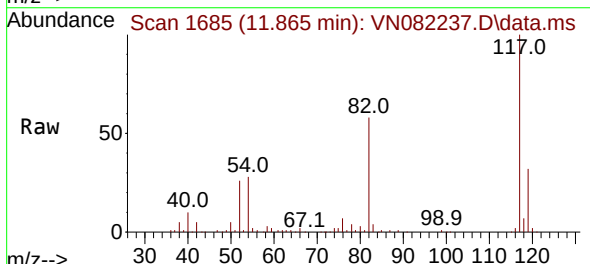
Instrument :
MSVOA_N
ClientSampleId :
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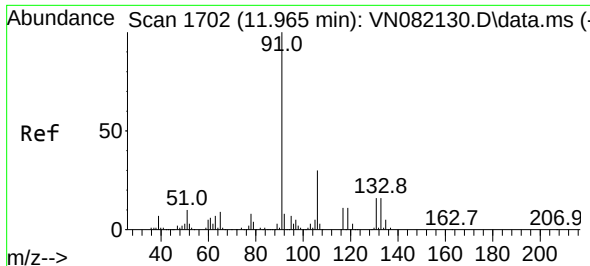
Tgt Ion: 95 Resp: 125746
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion: 117 Resp: 274581
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 31.9 25.9 38.9

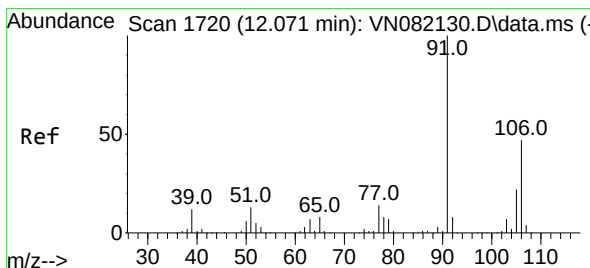
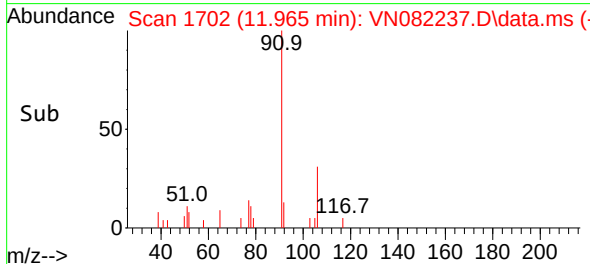
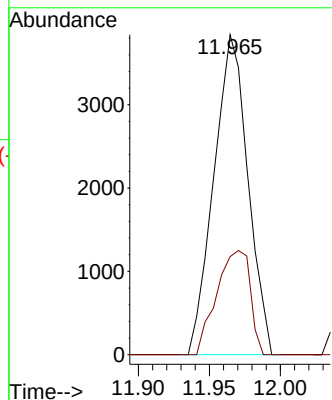
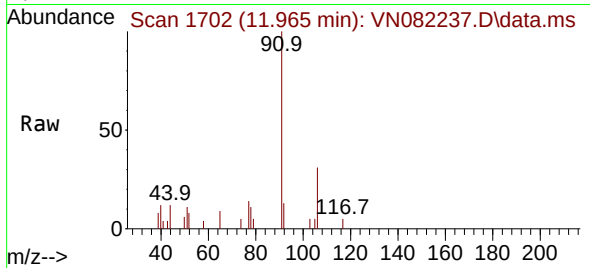




#67
Ethyl Benzene
Concen: 0.590 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

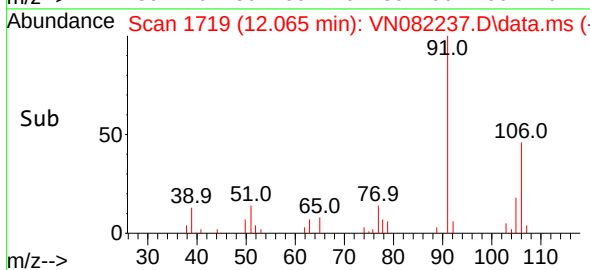
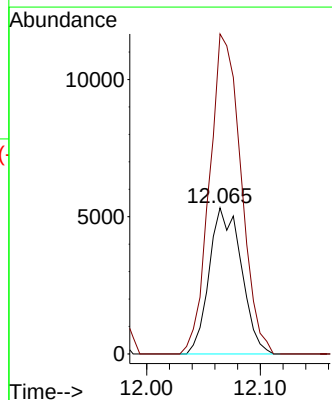
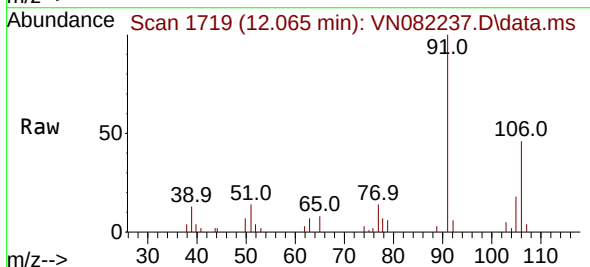
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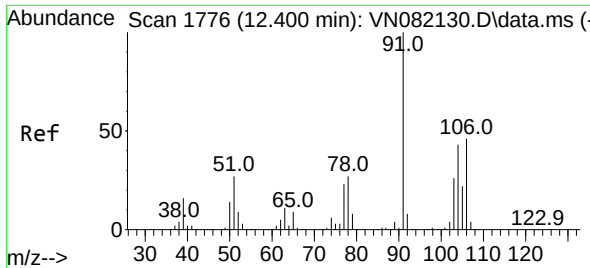
Tgt Ion: 91 Resp: 6400
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 2.628 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion: 106 Resp: 10453
Ion Ratio Lower Upper
106 100
91 214.8 159.4 239.0

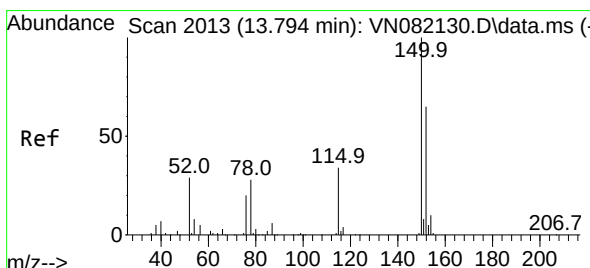
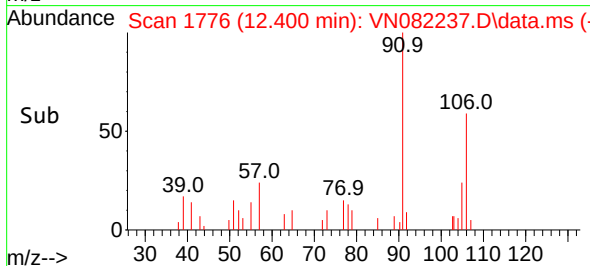
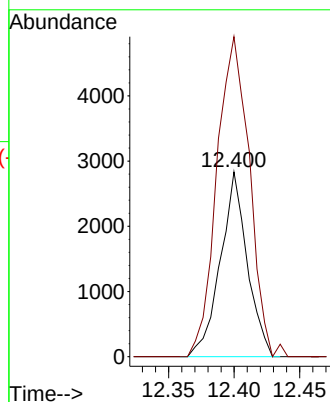
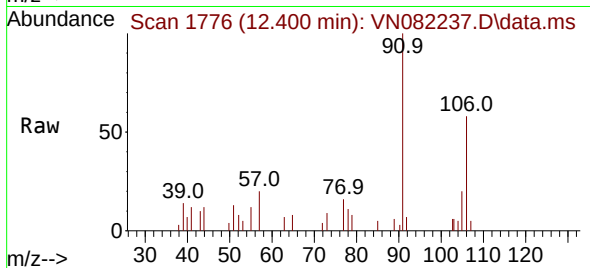




#69
o-Xylene
Concen: 1.046 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
451

Tgt Ion:106 Resp: 4030
Ion Ratio Lower Upper
106 100
91 210.5 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082237.D
Acq: 21 May 2024 13:52

Tgt Ion:152 Resp: 118515
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 156.1 0.0 353.2

