

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081643.D
 Acq On : 01 Apr 2024 12:46
 Operator : JC\MD
 Sample : P1937-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A5552

Quant Time: Apr 02 01:13:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

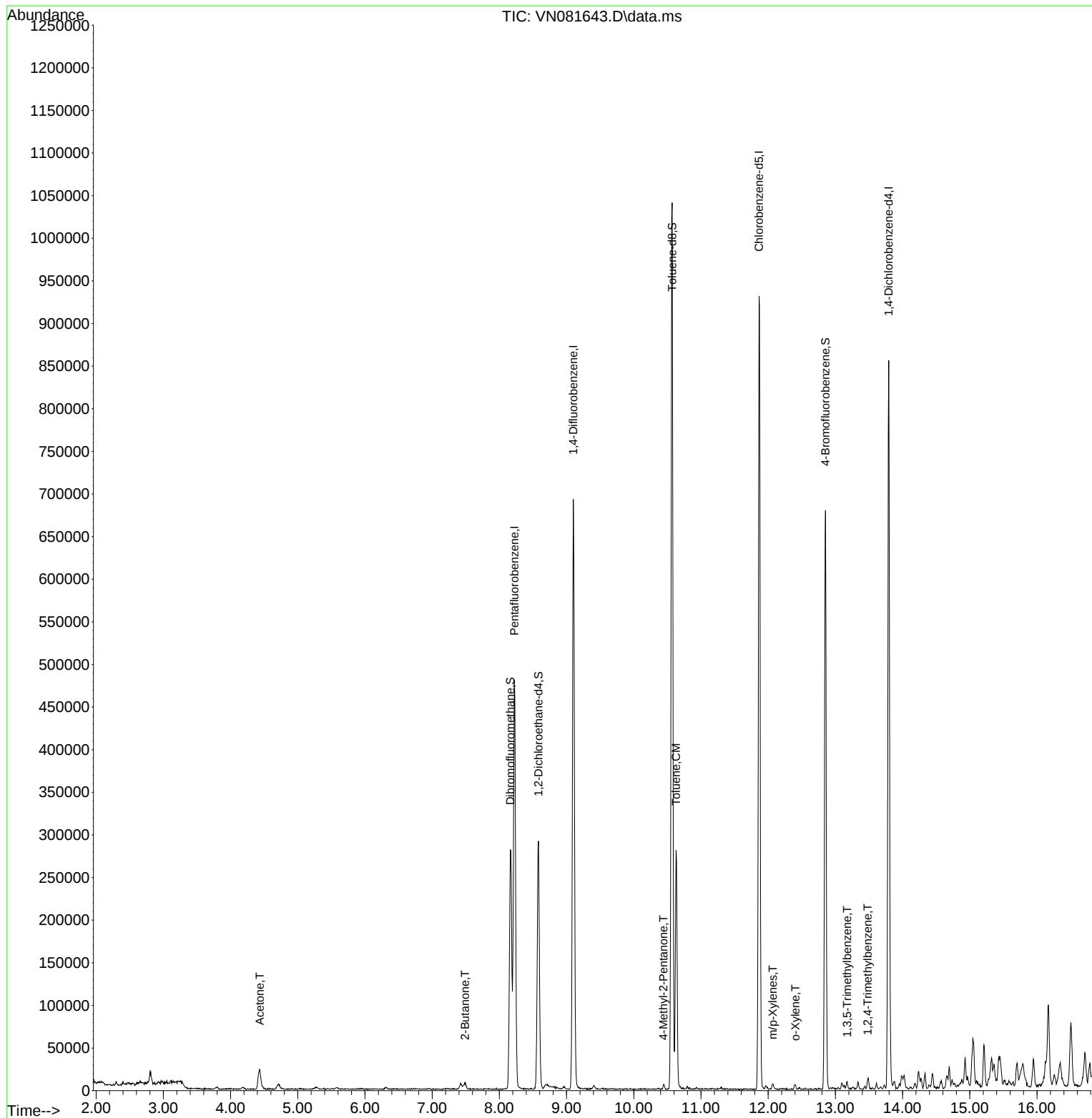
Internal Standards						
1) Pentafluorobenzene	8.224	168	336803	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	608444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	563687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237672	55.335	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.680%		
35) Dibromofluoromethane	8.165	113	204104	53.153	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.300%		
50) Toluene-d8	10.571	98	742422	53.486	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.980%		
62) 4-Bromofluorobenzene	12.853	95	235523	48.154	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 96.300%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	43178	31.106	ug/l	94
25) 2-Butanone	7.488	43	11501	4.831	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	3944	0.705	ug/l	91
52) Toluene	10.629	92	122478	10.200	ug/l	99
68) m/p-Xylenes	12.070	106	2344	0.270	ug/l	77
69) o-Xylene	12.406	106	1932	0.227	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	3728	0.230	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	6987	0.428	ug/l	71

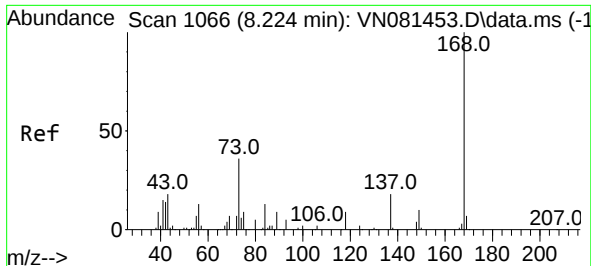
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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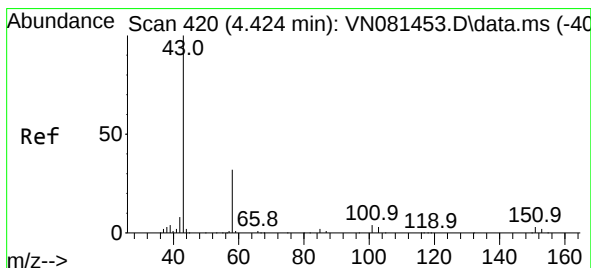
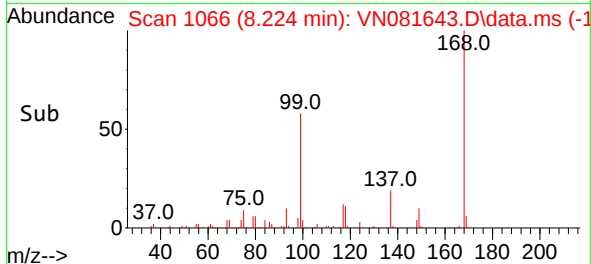
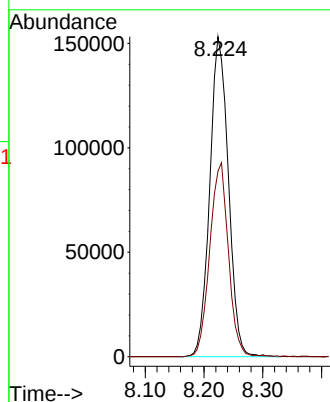
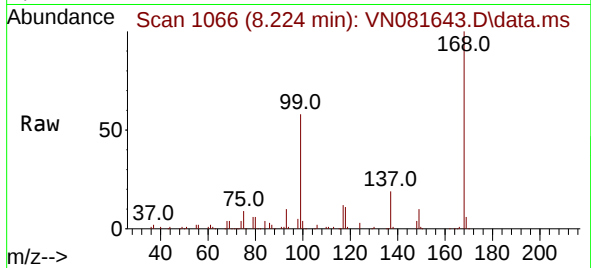




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

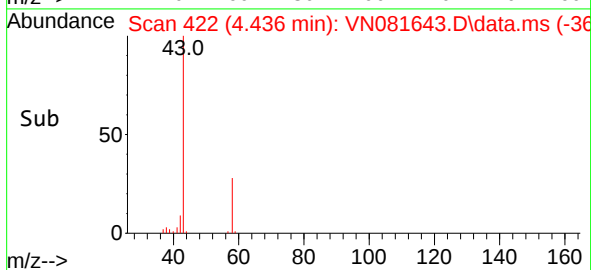
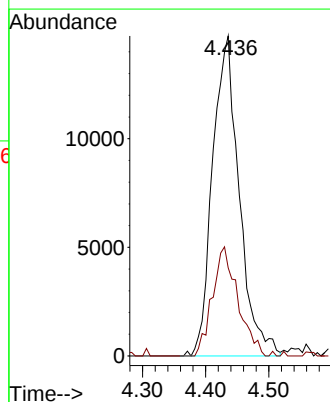
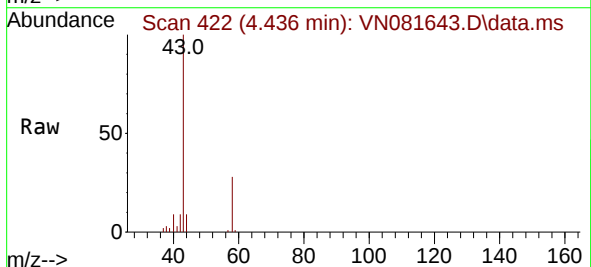
Instrument :
MSVOA_N
ClientSampleId :
A5552

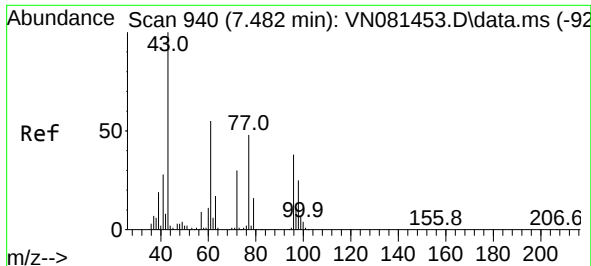
Tgt Ion:168 Resp: 336803
Ion Ratio Lower Upper
168 100
99 58.0 59.9 89.9#



#16
Acetone
Concen: 31.106 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion: 43 Resp: 43178
Ion Ratio Lower Upper
43 100
58 27.6 24.8 37.2

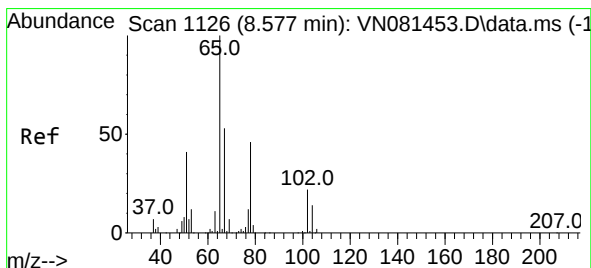
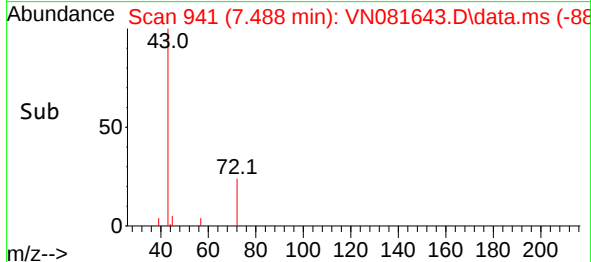
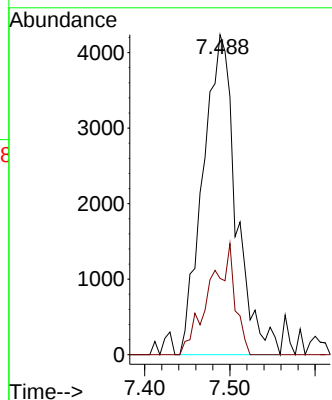
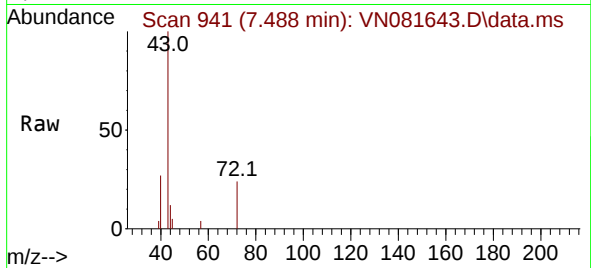




#25
2-Butanone
Concen: 4.831 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

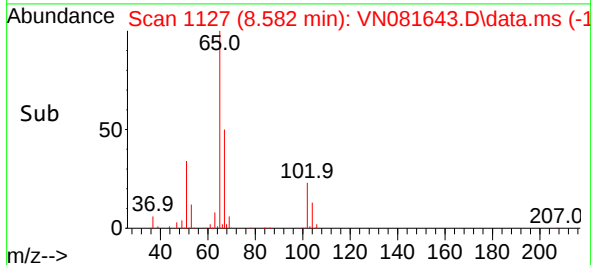
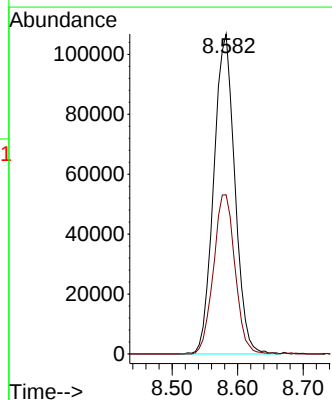
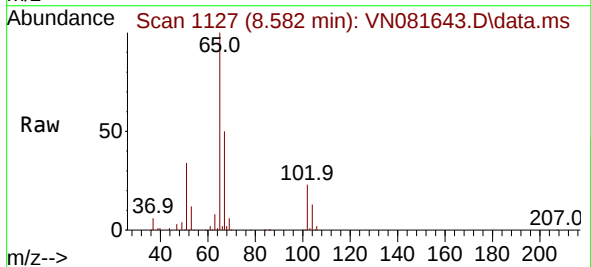
Instrument :
MSVOA_N
ClientSampleId :
A5552

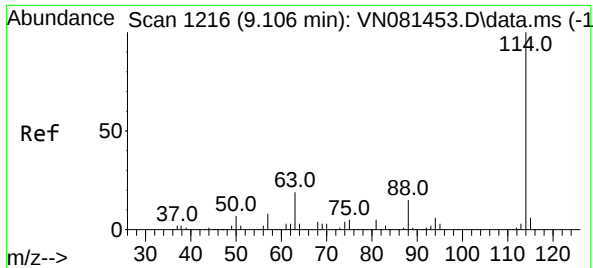
Tgt Ion: 43 Resp: 11501
Ion Ratio Lower Upper
43 100
72 23.8 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 55.335 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion: 65 Resp: 237672
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

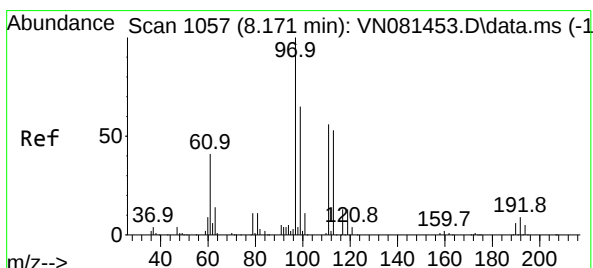
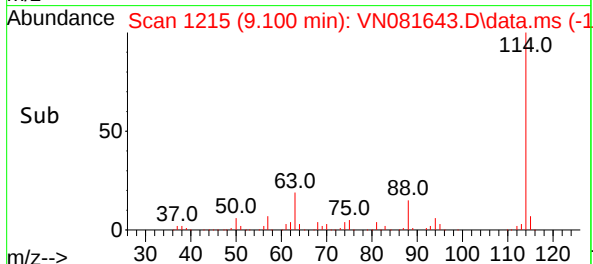
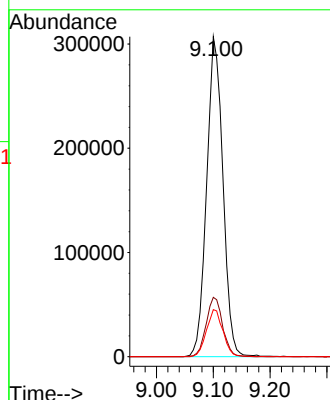
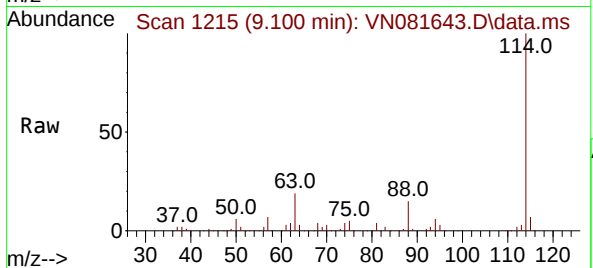




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

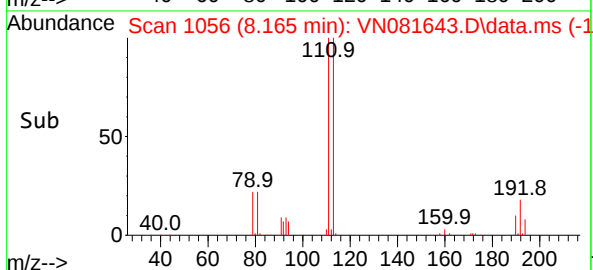
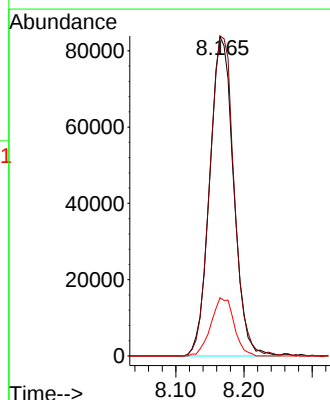
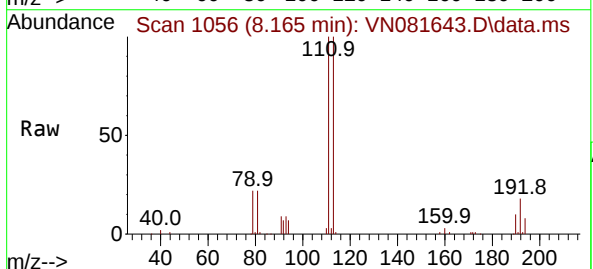
Instrument :
MSVOA_N
ClientSampleId :
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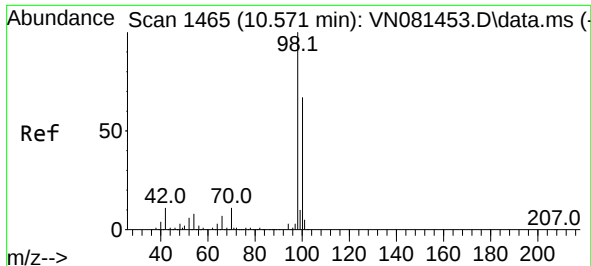
Tgt Ion:114 Resp: 608444
Ion Ratio Lower Upper
114 100
63 18.6 0.0 48.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.153 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion:113 Resp: 204104
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.6 12.5 18.7

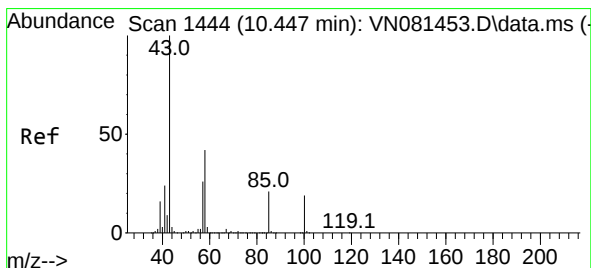
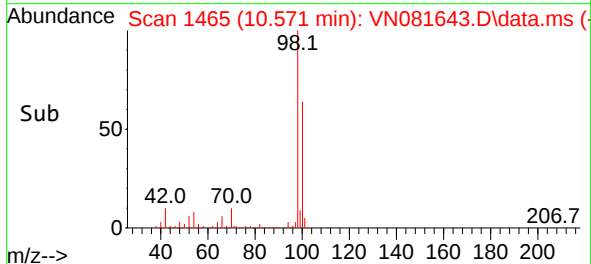
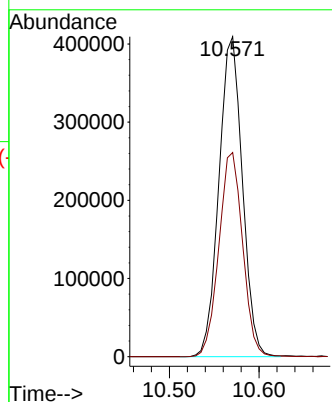
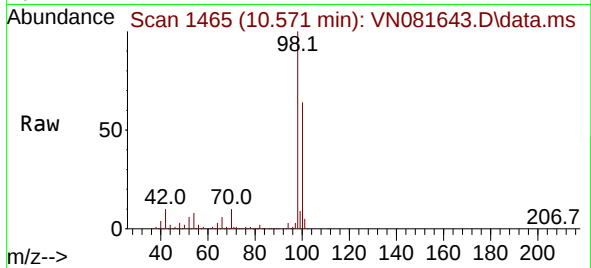




#50
Toluene-d8
Concen: 53.486 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

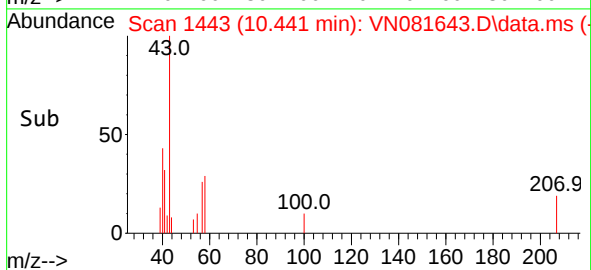
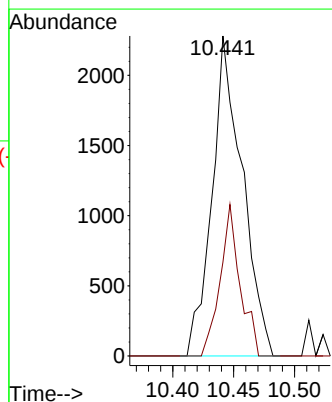
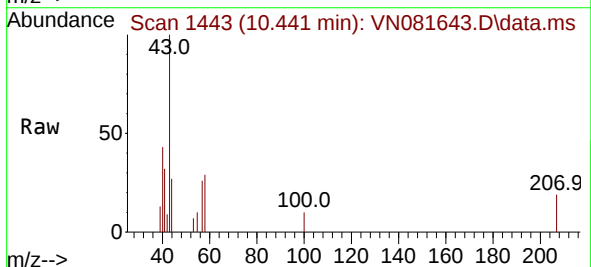
Instrument :
MSVOA_N
ClientSampleId :
A5552

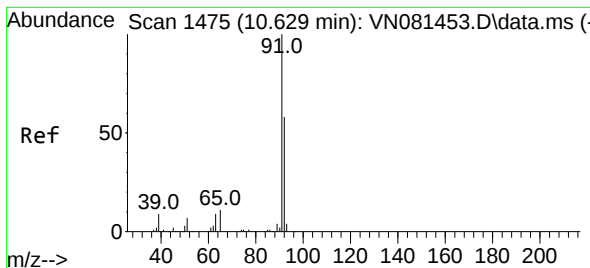
Tgt Ion: 98 Resp: 742422
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.705 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
58 31.2 29.4 44.0





#52

Toluene

Concen: 10.200 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081643.D

Acq: 01 Apr 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

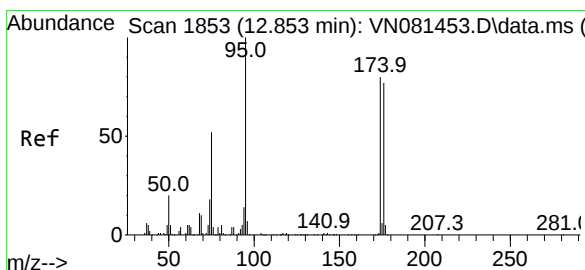
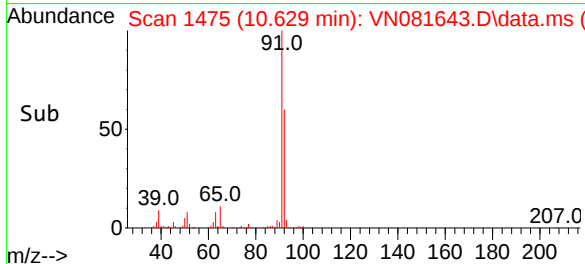
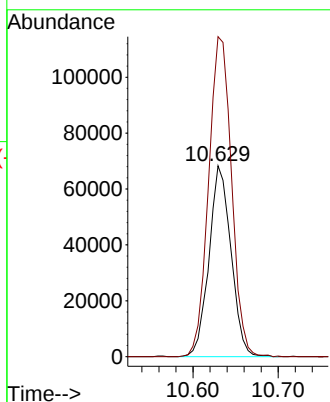
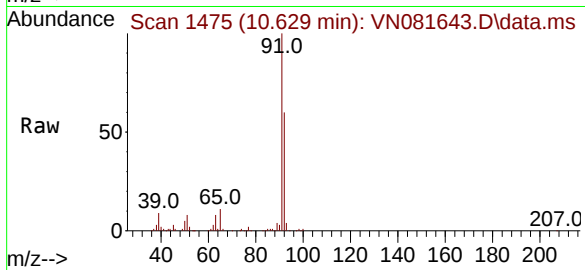
A5552

Tgt Ion: 92 Resp: 122478

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.154 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081643.D

Acq: 01 Apr 2024 12:46

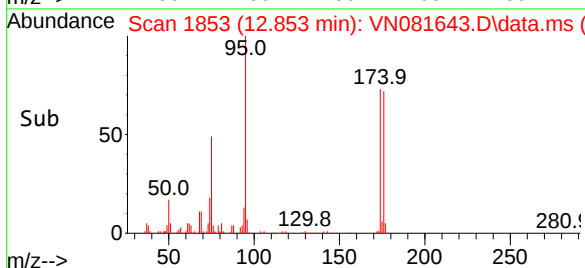
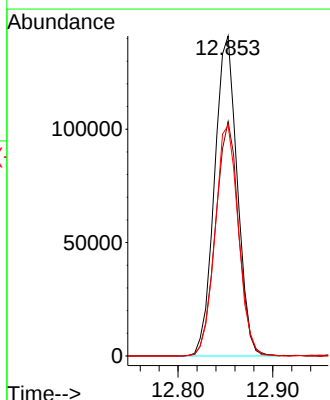
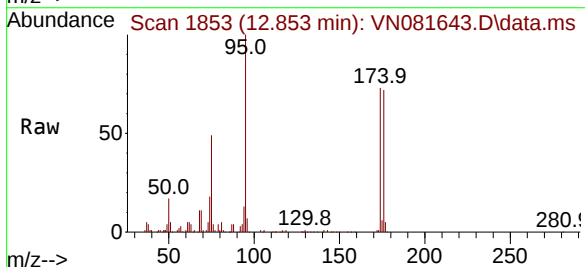
Tgt Ion: 95 Resp: 235523

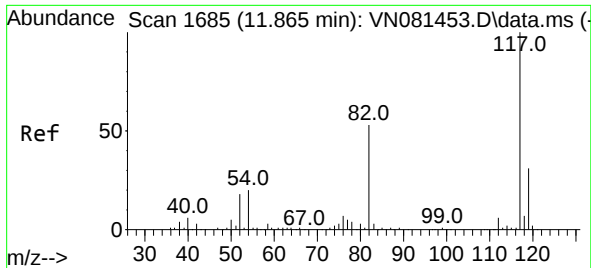
Ion Ratio Lower Upper

95 100

174 74.6 0.0 120.4

176 73.6 0.0 121.0

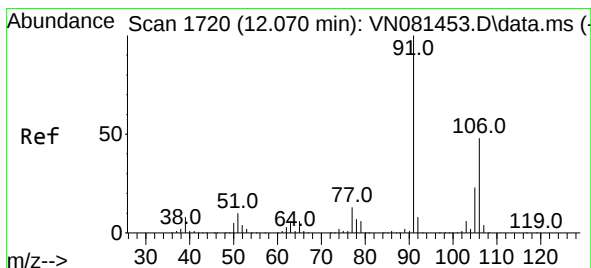
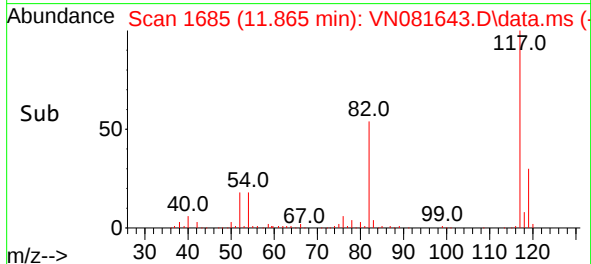
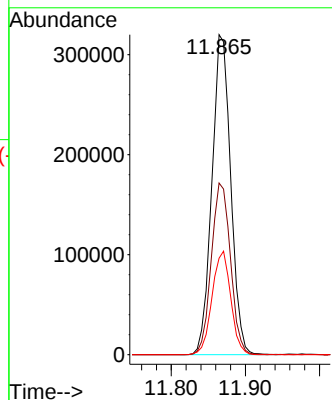
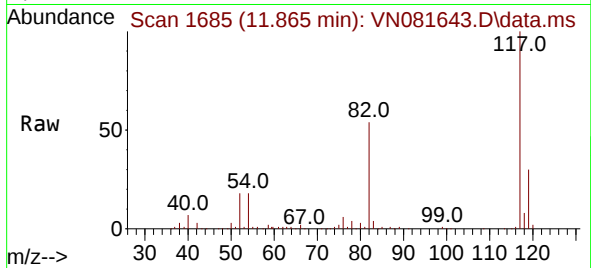




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

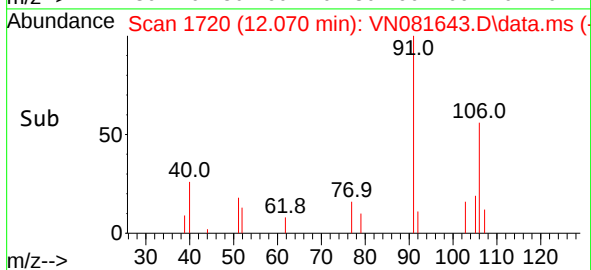
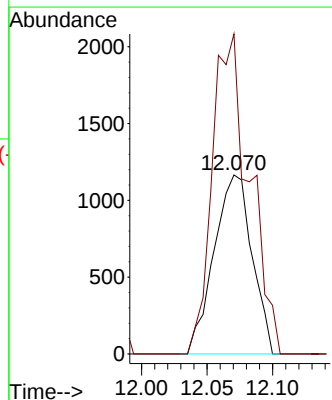
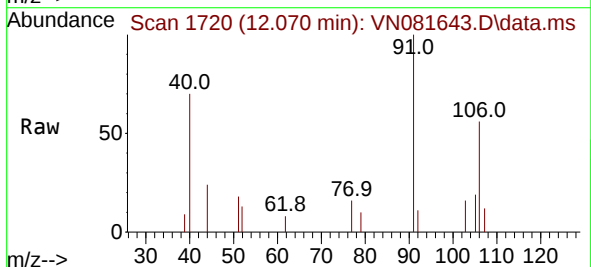
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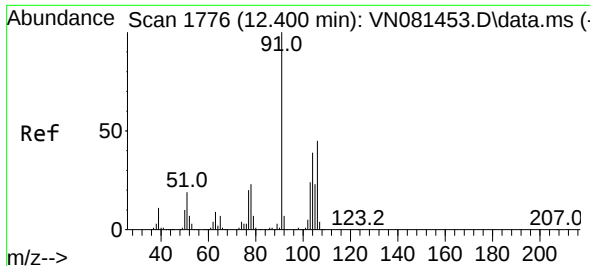
Tgt Ion:117 Resp: 563687
Ion Ratio Lower Upper
117 100
82 53.6 52.7 79.1
119 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion:106 Resp: 2344
Ion Ratio Lower Upper
106 100
91 175.3 169.0 253.6

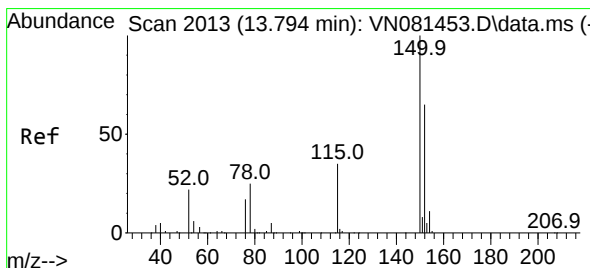
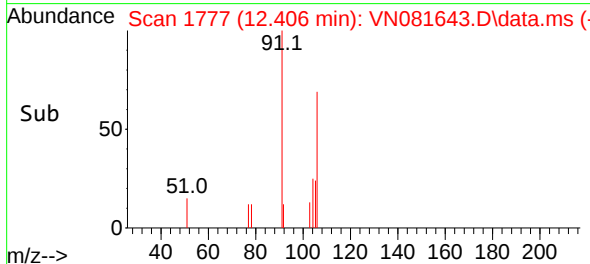
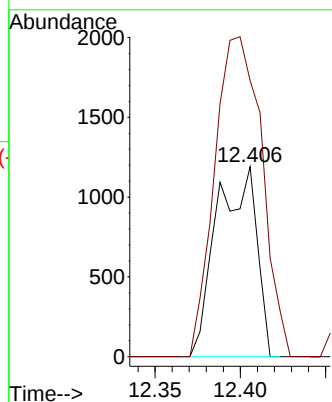
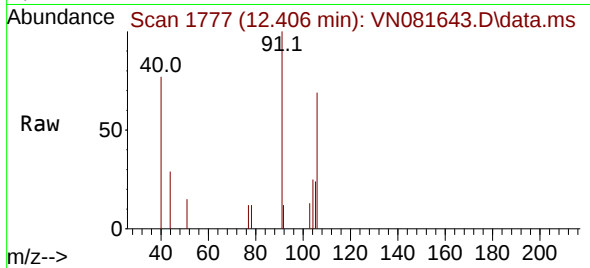




#69
o-Xylene
Concen: 0.227 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

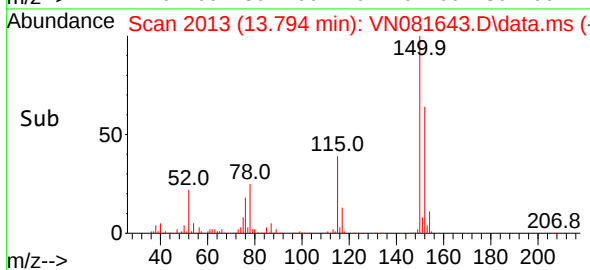
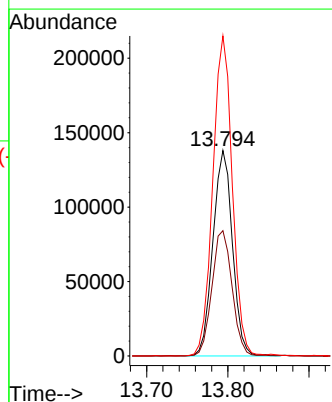
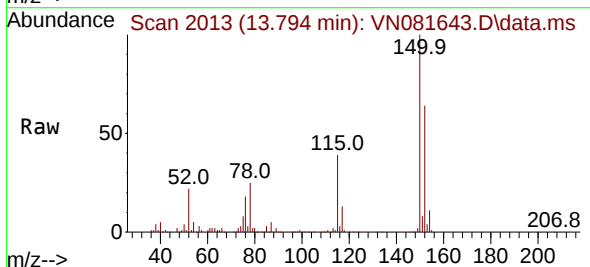
Instrument :
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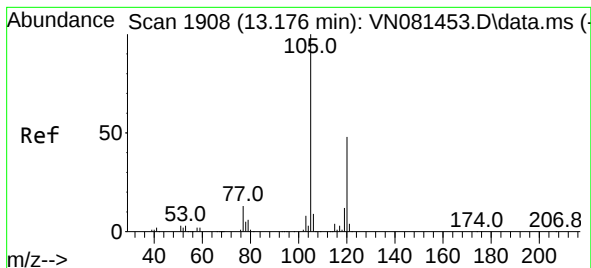
Tgt Ion:106 Resp: 1932
Ion Ratio Lower Upper
106 100
91 199.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081643.D
Acq: 01 Apr 2024 12:46

Tgt Ion:152 Resp: 230659
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 155.2 0.0 339.8





#80

1,3,5-Trimethylbenzene

Concen: 0.230 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081643.D

Acq: 01 Apr 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

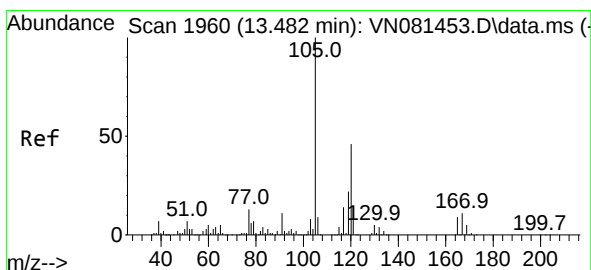
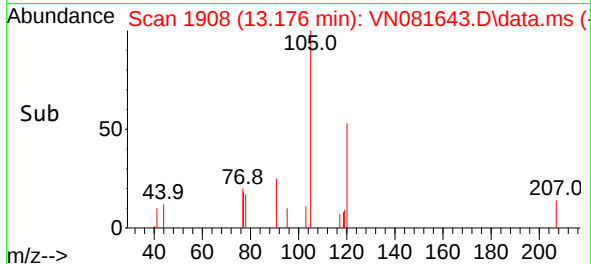
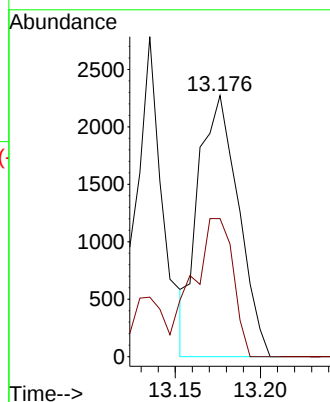
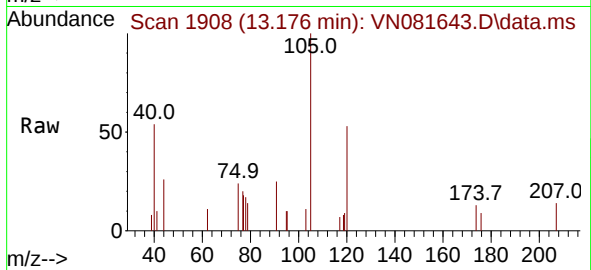
A5552

Tgt Ion:105 Resp: 3728

Ion Ratio Lower Upper

105 100

120 52.3 23.0 69.0



#84

1,2,4-Trimethylbenzene

Concen: 0.428 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081643.D

Acq: 01 Apr 2024 12:46

Tgt Ion:105 Resp: 6987

Ion Ratio Lower Upper

105 100

120 60.0 20.9 62.7

