

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080797.D
 Acq On : 29 Jan 2024 17:42
 Operator : JC\MD
 Sample : P1258-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50236DL

Quant Time: Jan 30 01:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

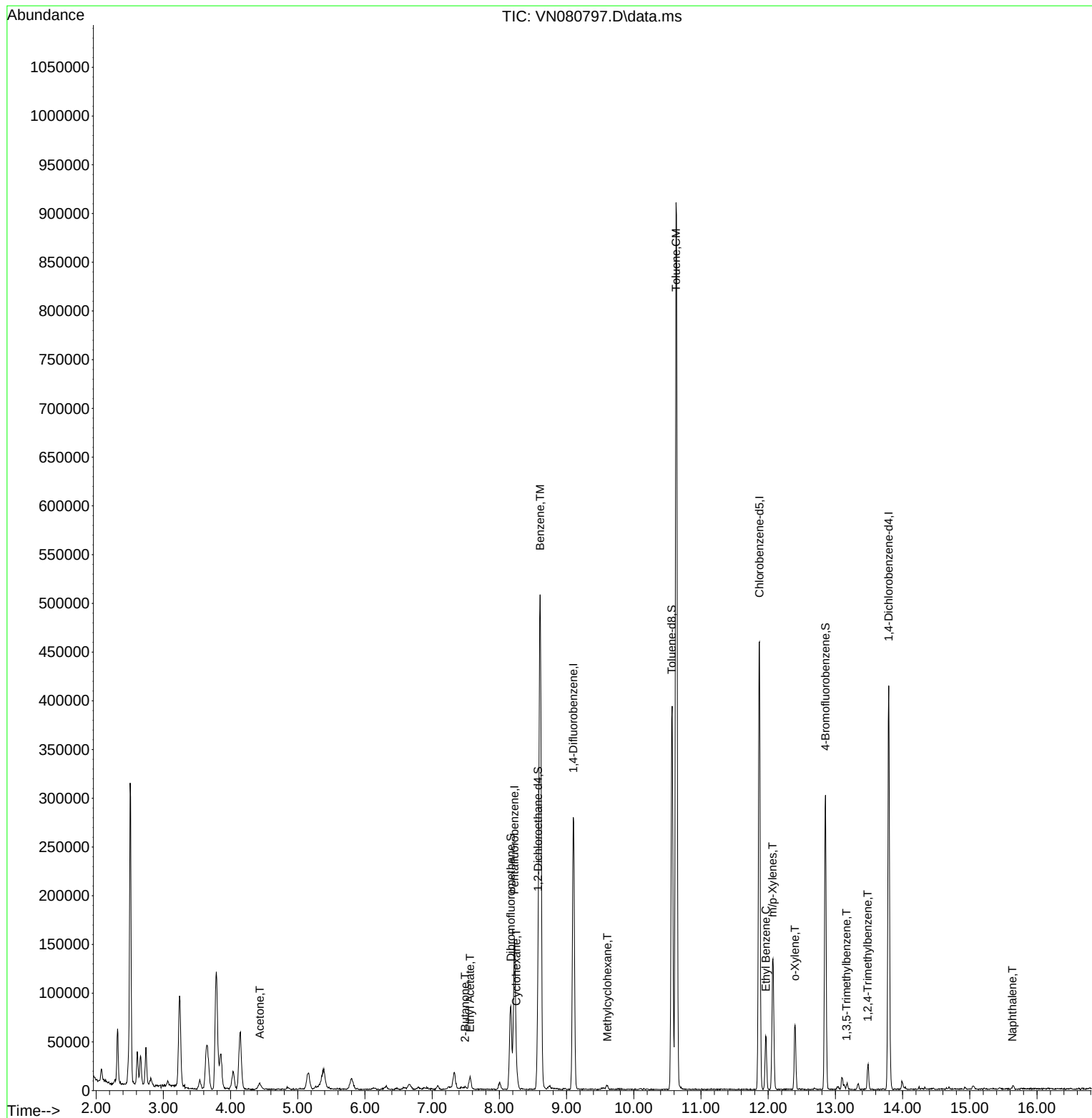
Internal Standards						
1) Pentafluorobenzene	8.224	168	96441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	237250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78844	47.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.520%		
35) Dibromofluoromethane	8.171	113	60765	44.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	10.565	98	262986	49.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.853	95	102174	54.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	9632	15.918	ug/l #	80
25) 2-Butanone	7.488	43	4913	4.275	ug/l	96
31) Cyclohexane	8.253	56	11327	3.959	ug/l #	89
37) Ethyl Acetate	7.565	43	18975	7.266	ug/l	98
39) Methylcyclohexane	9.606	83	1906	0.756	ug/l #	79
40) Benzene	8.606	78	487287	65.353	ug/l	94
52) Toluene	10.629	92	385704	90.221	ug/l	99
67) Ethyl Benzene	11.965	91	38805	4.032	ug/l	97
68) m/p-Xylenes	12.065	106	41991	12.286	ug/l	96
69) o-Xylene	12.400	106	17648	5.197	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	3264	0.481	ug/l	79
84) 1,2,4-Trimethylbenzene	13.482	105	12888	1.874	ug/l	83
95) Naphthalene	15.635	128	3608	0.614	ug/l #	89

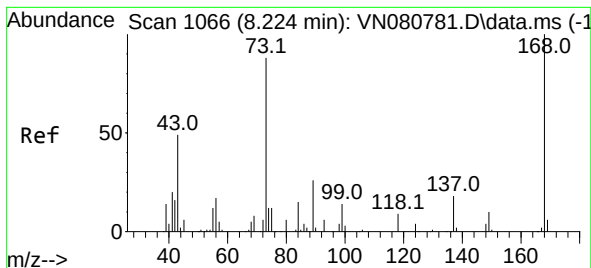
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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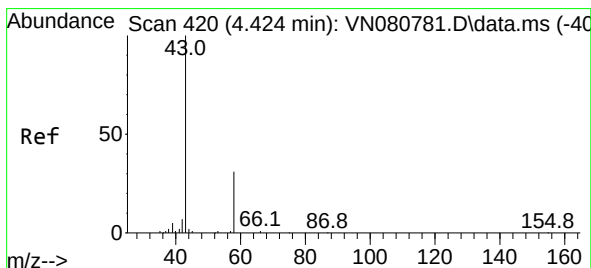
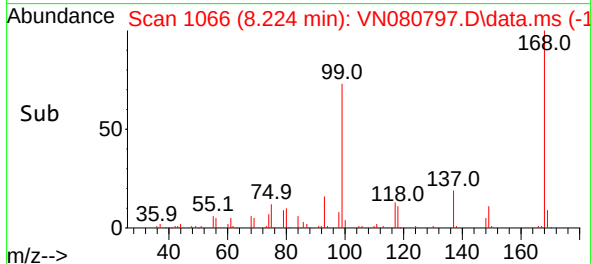
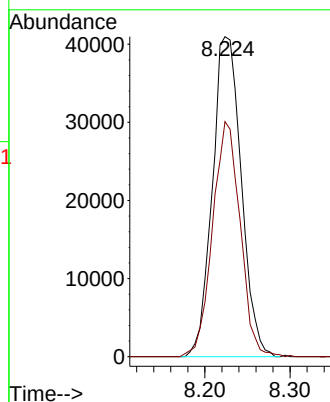
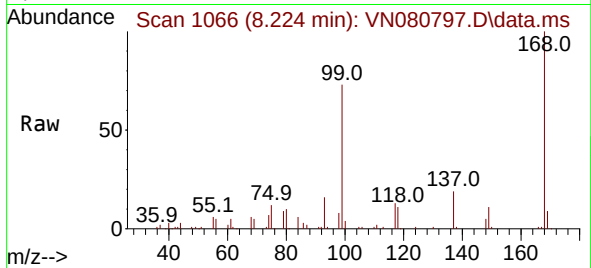




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

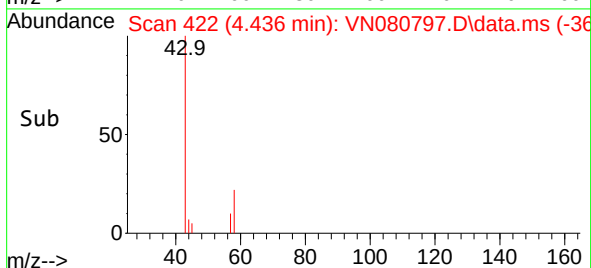
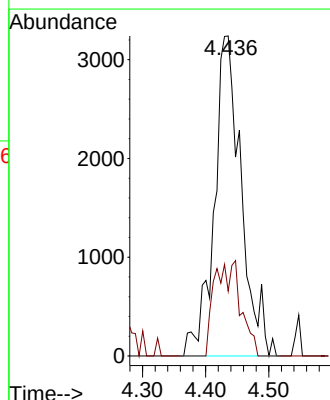
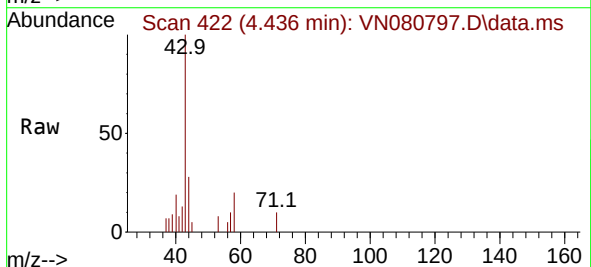
Instrument :
MSVOA_N
ClientSampleId :
50236DL

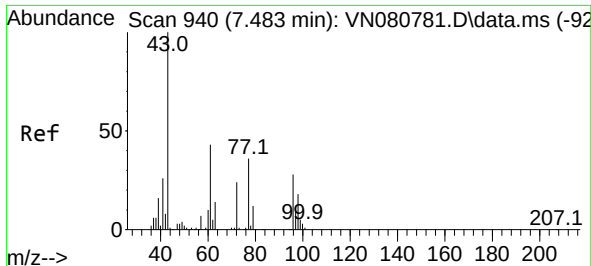
Tgt Ion:168 Resp: 96441
Ion Ratio Lower Upper
168 100
99 73.5 59.9 89.9



#16
Acetone
Concen: 15.918 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion: 43 Resp: 9632
Ion Ratio Lower Upper
43 100
58 20.2 24.8 37.2#

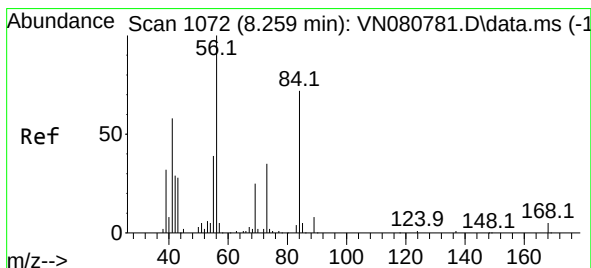
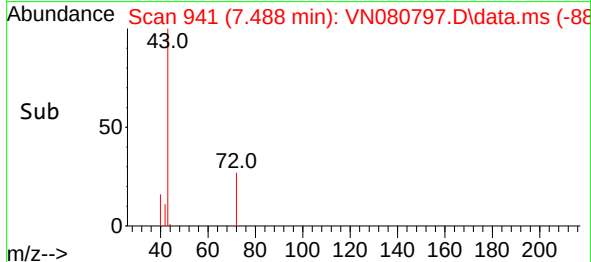
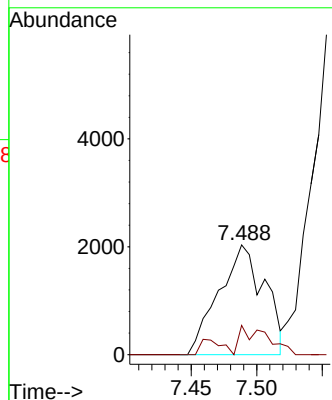
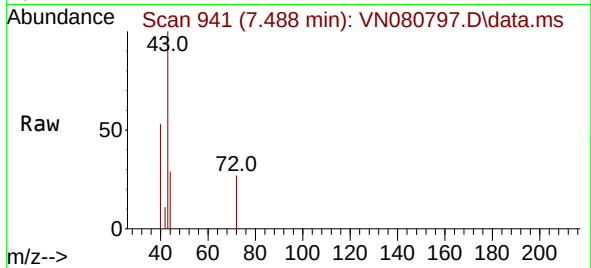




#25
2-Butanone
Concen: 4.275 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

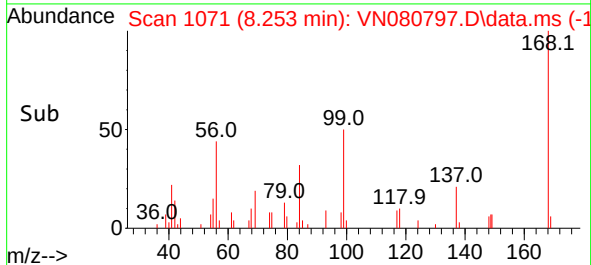
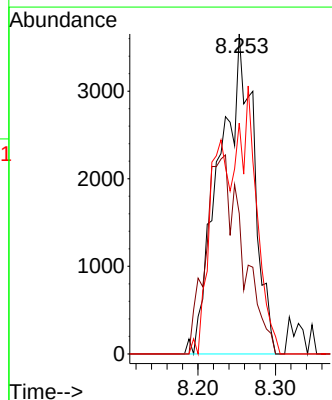
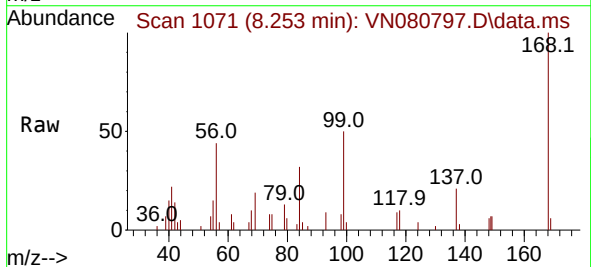
Instrument :
MSVOA_N
ClientSampleId :
50236DL

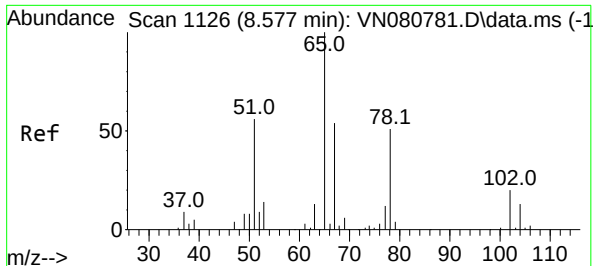
Tgt Ion: 43 Resp: 4913
Ion Ratio Lower Upper
43 100
72 26.6 19.5 29.3



#31
Cyclohexane
Concen: 3.959 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion: 56 Resp: 11327
Ion Ratio Lower Upper
56 100
69 43.9 20.1 30.1#
84 72.2 56.9 85.3





#33

1,2-Dichloroethane-d4

Concen: 47.257 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080797.D

Acq: 29 Jan 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

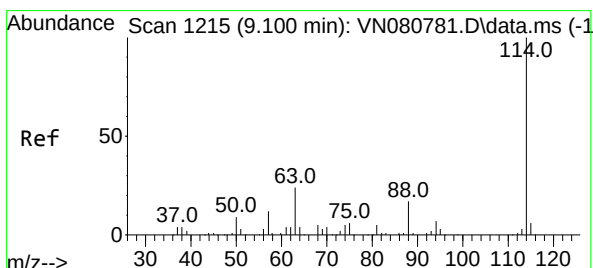
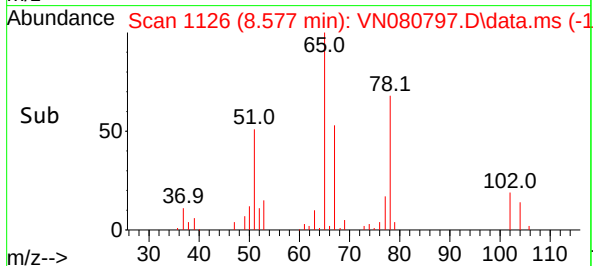
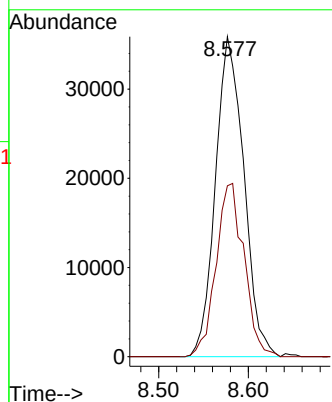
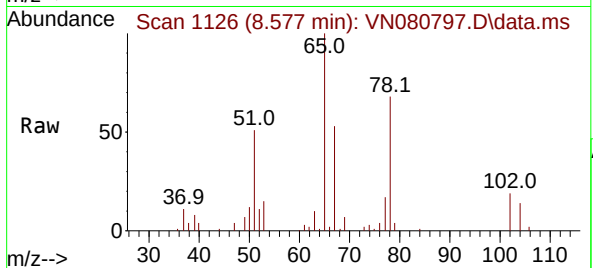
50236DL

Tgt Ion: 65 Resp: 78844

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080797.D

Acq: 29 Jan 2024 17:42

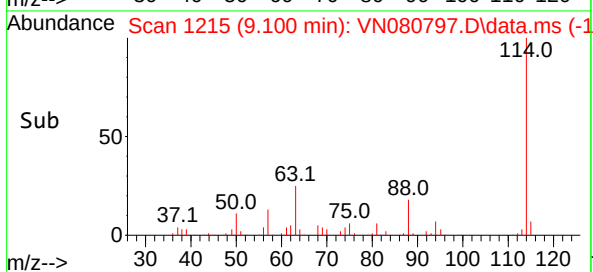
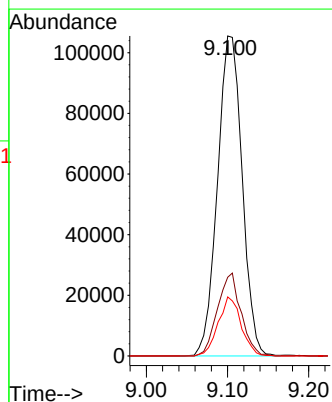
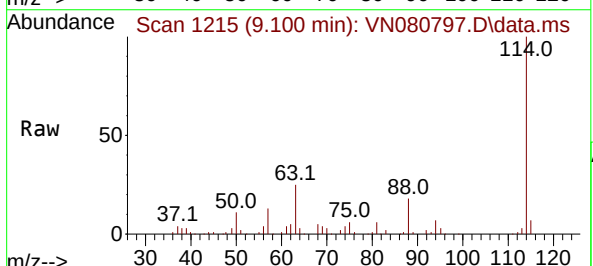
Tgt Ion: 114 Resp: 223095

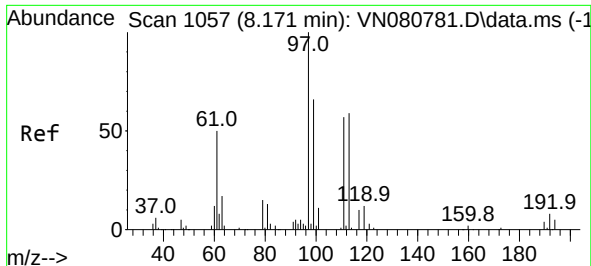
Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.0

88 18.4 0.0 34.8

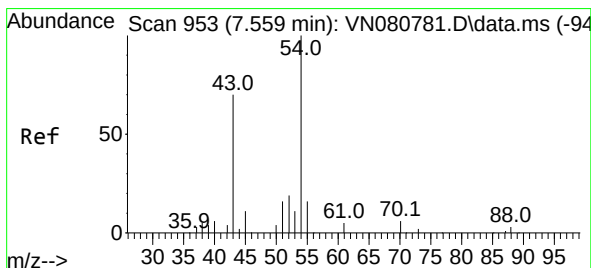
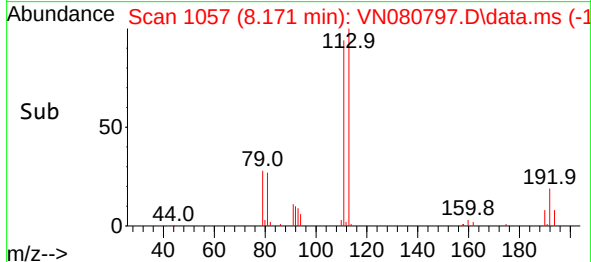
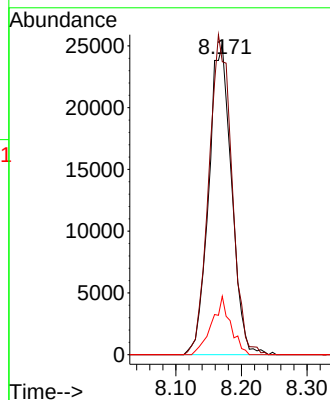
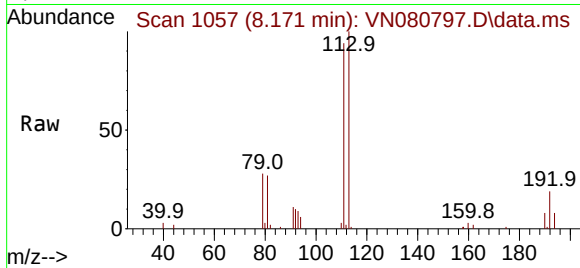




#35
Dibromofluoromethane
Concen: 44.520 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

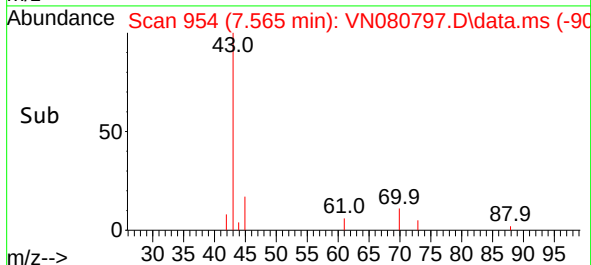
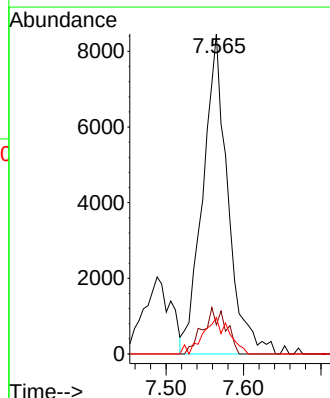
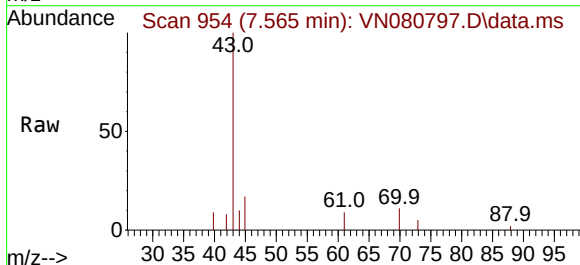
Instrument :
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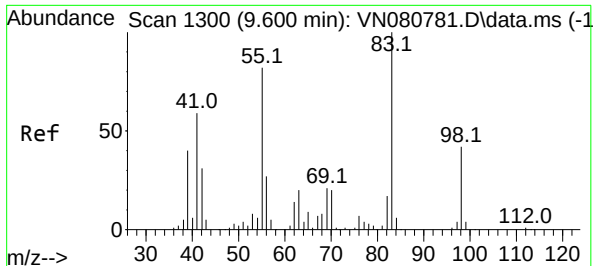
Tgt Ion:113 Resp: 60765
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.5 12.5 18.7



#37
Ethyl Acetate
Concen: 7.266 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion: 43 Resp: 18975
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 11.9 8.0 12.0





#39

Methylcyclohexane

Concen: 0.756 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN080797.D

Acq: 29 Jan 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

50236DL

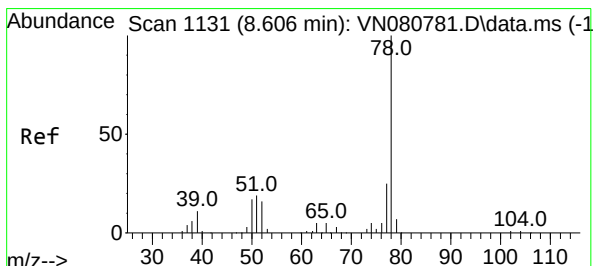
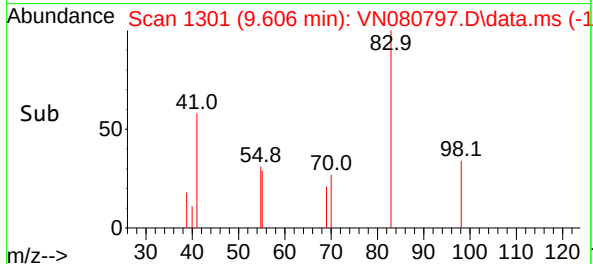
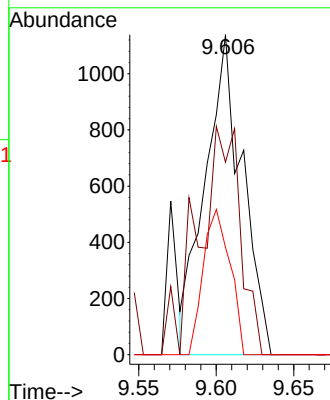
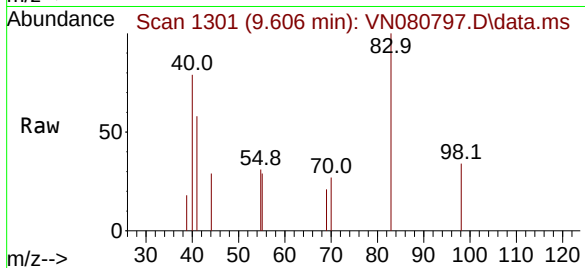
Tgt Ion: 83 Resp: 1906

Ion Ratio Lower Upper

83 100

55 60.1 65.7 98.5#

98 33.5 33.8 50.6#



#40

Benzene

Concen: 65.353 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080797.D

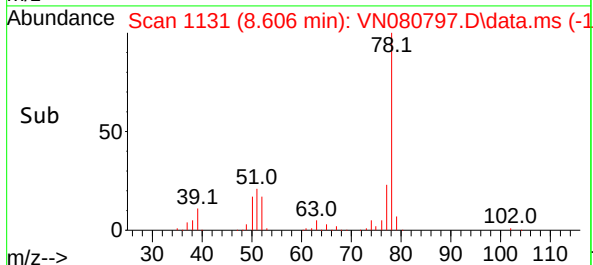
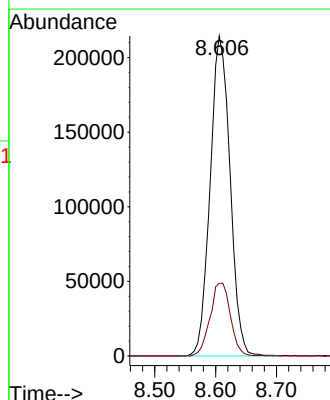
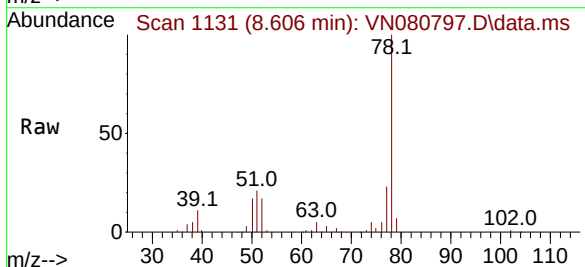
Acq: 29 Jan 2024 17:42

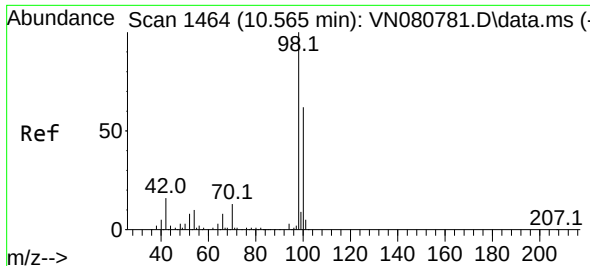
Tgt Ion: 78 Resp: 487287

Ion Ratio Lower Upper

78 100

77 22.7 20.4 30.6

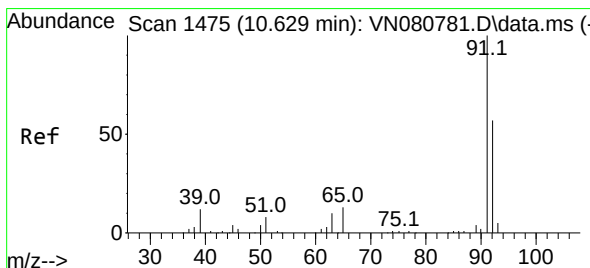
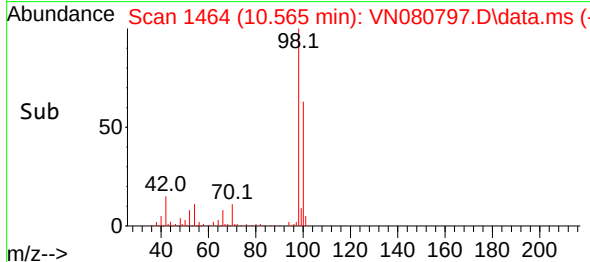
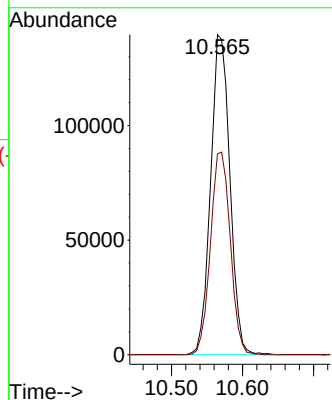
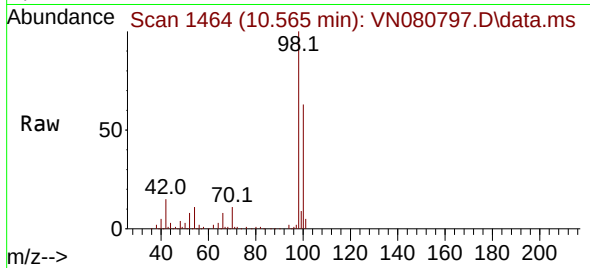




#50
Toluene-d8
Concen: 49.229 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

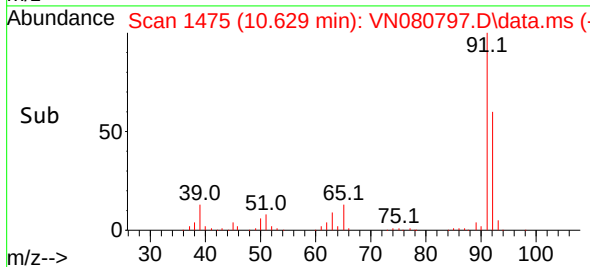
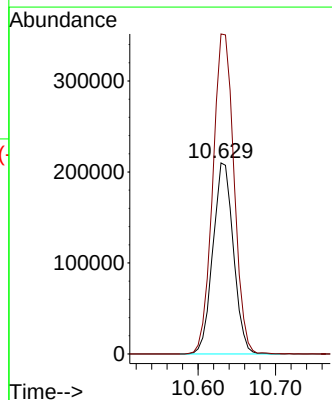
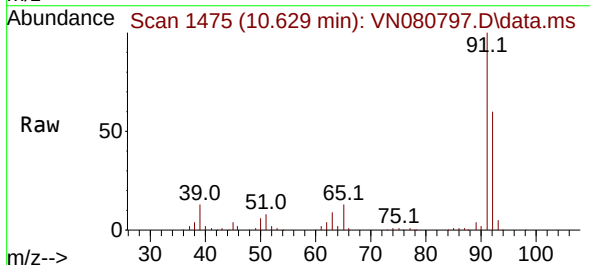
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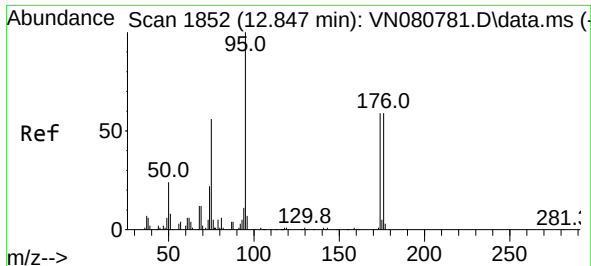
Tgt Ion: 98 Resp: 262986
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#52
Toluene
Concen: 90.221 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion: 92 Resp: 385704
Ion Ratio Lower Upper
92 100
91 173.5 139.4 209.0

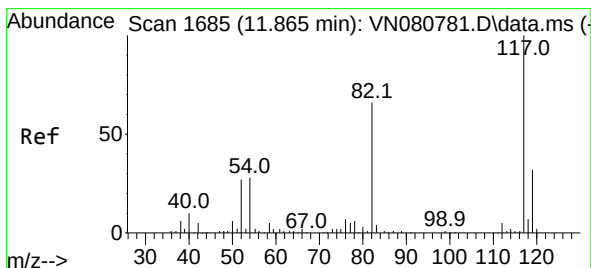
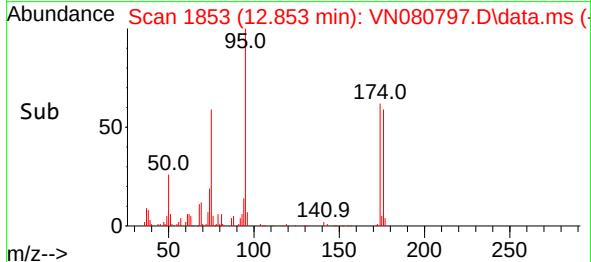
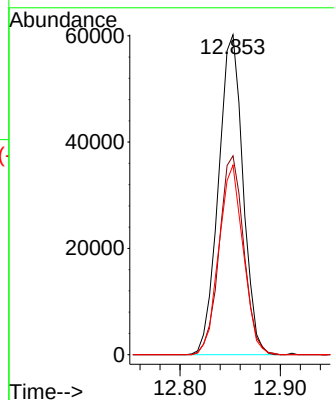
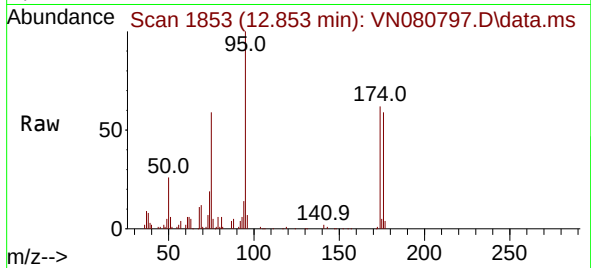




#62
4-Bromofluorobenzene
Concen: 54.885 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

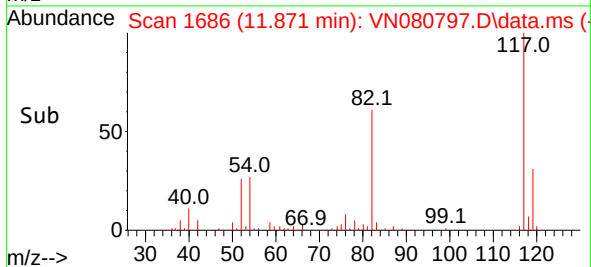
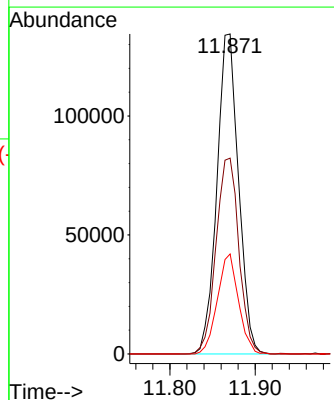
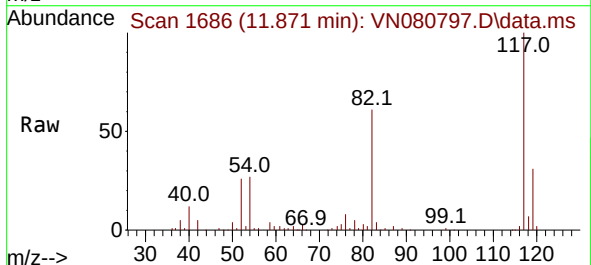
Instrument :
MSVOA_N
ClientSampleId :
50236DL

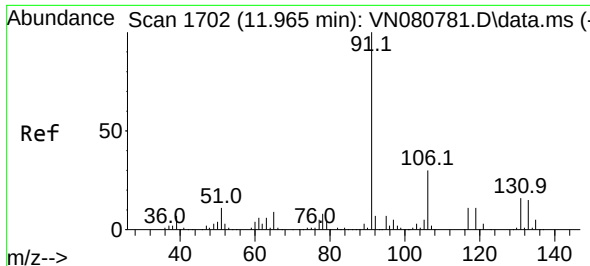
Tgt Ion: 95 Resp: 102174
Ion Ratio Lower Upper
95 100
174 62.3 0.0 120.4
176 59.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion: 117 Resp: 237250
Ion Ratio Lower Upper
117 100
82 61.2 52.7 79.1
119 31.3 25.3 37.9

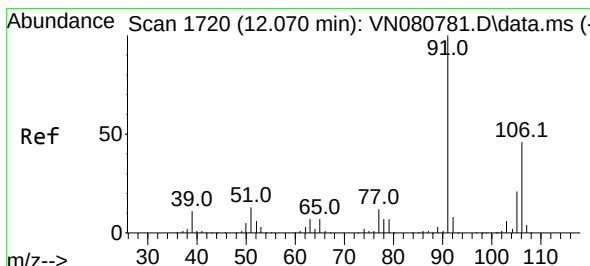
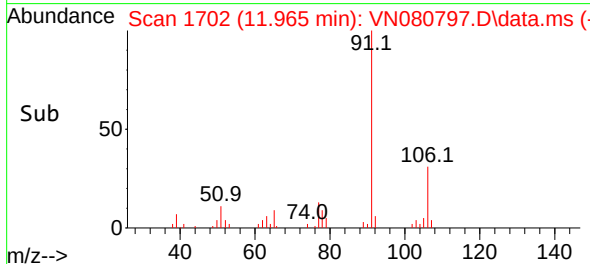
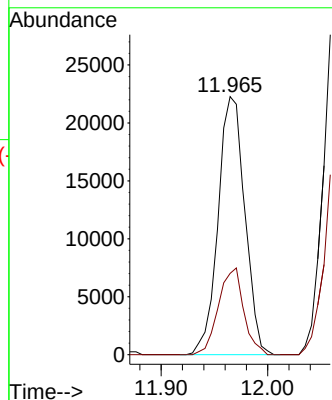
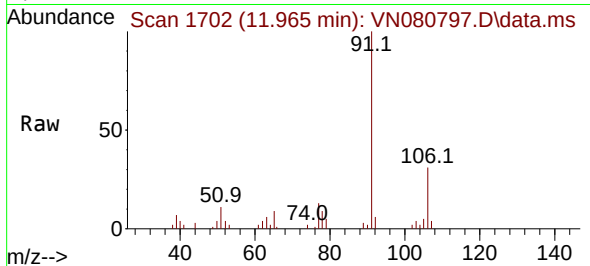




#67
Ethyl Benzene
Concen: 4.032 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

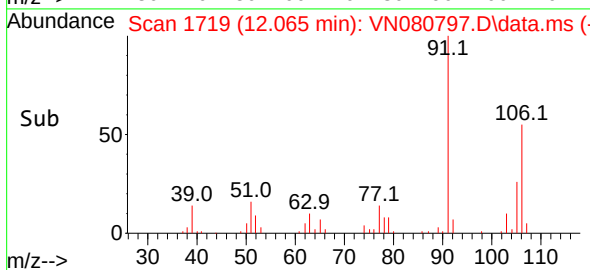
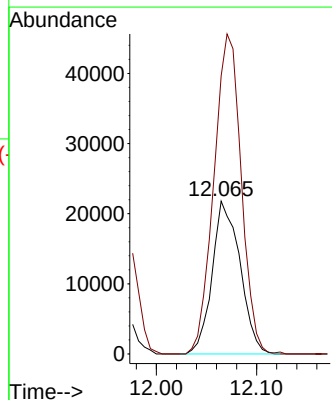
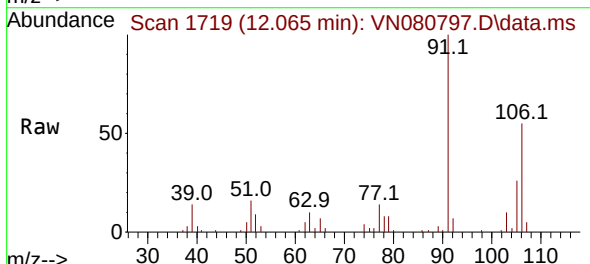
Instrument :
MSVOA_N
ClientSampleId :
50236DL

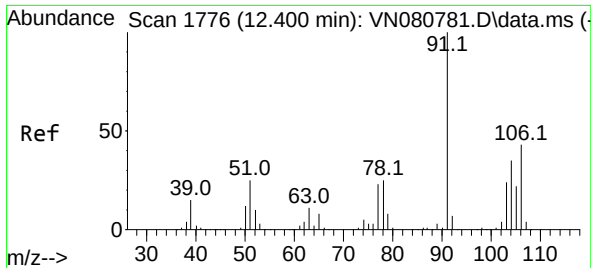
Tgt Ion: 91 Resp: 38805
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6



#68
m/p-Xylenes
Concen: 12.286 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion:106 Resp: 41991
Ion Ratio Lower Upper
106 100
91 205.8 169.0 253.6

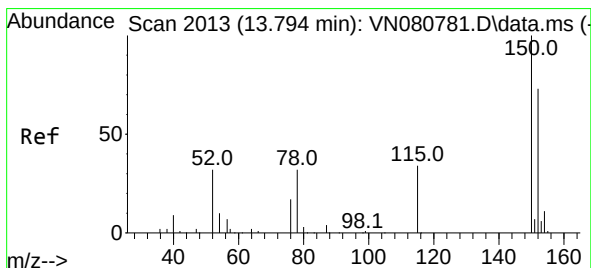
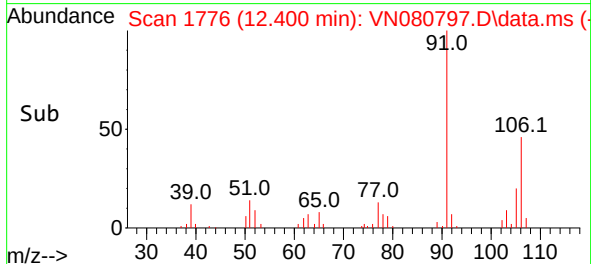
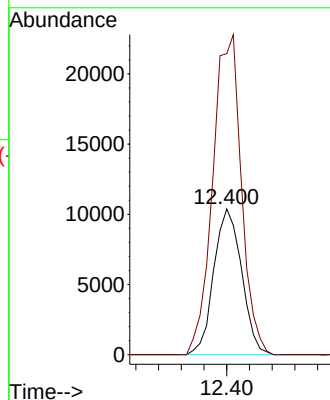
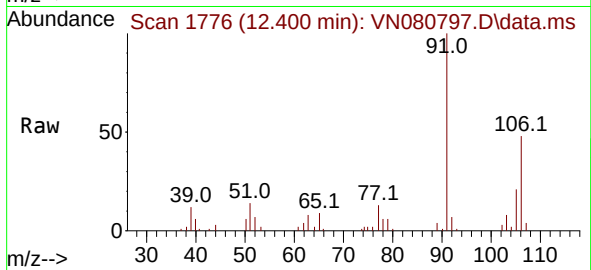




#69
o-Xylene
Concen: 5.197 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

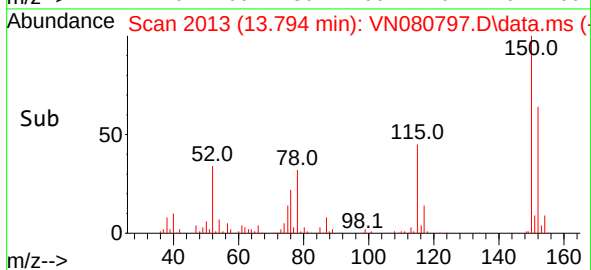
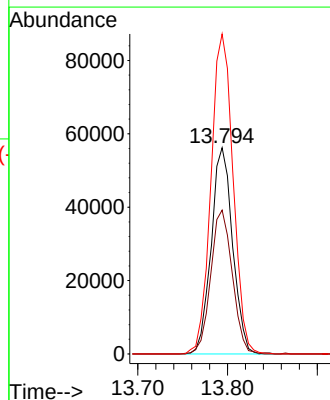
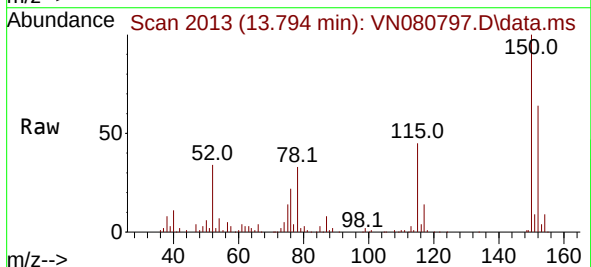
Instrument :
MSVOA_N
ClientSampleId :
50236DL

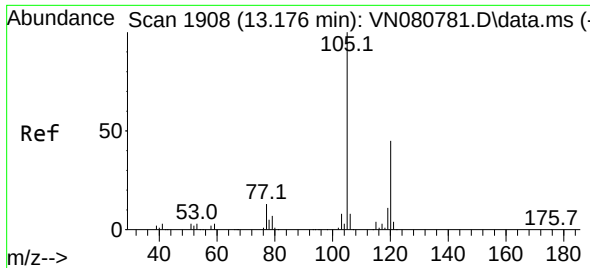
Tgt Ion:106 Resp: 17648
Ion Ratio Lower Upper
106 100
91 225.9 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

Tgt Ion:152 Resp: 93074
Ion Ratio Lower Upper
152 100
115 70.3 32.3 96.8
150 160.1 0.0 339.8

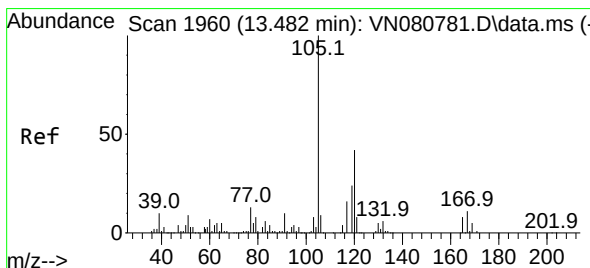
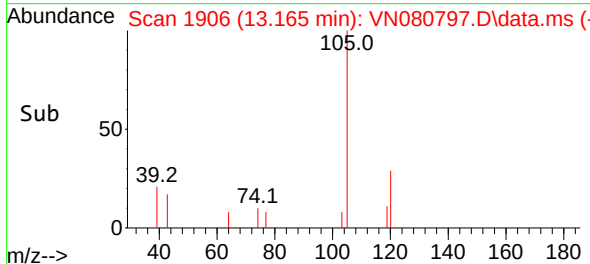
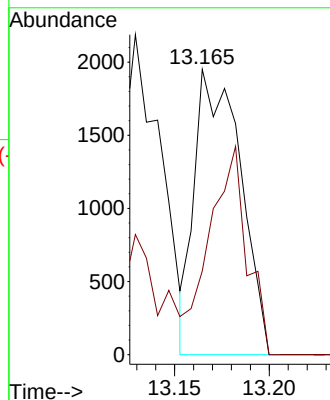
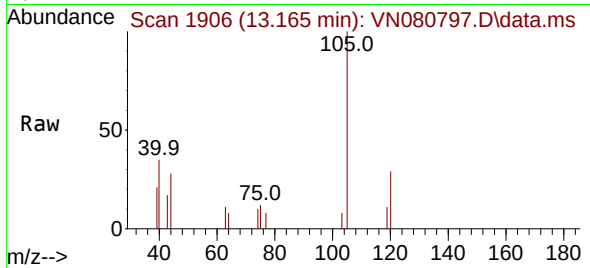




#80
1,3,5-Trimethylbenzene
Concen: 0.481 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.012 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

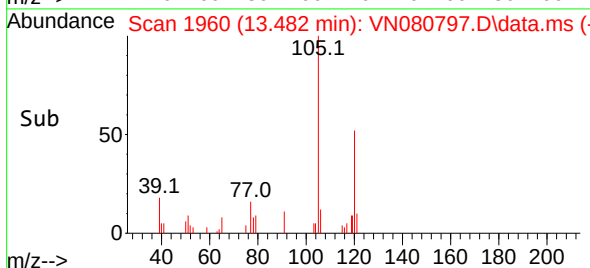
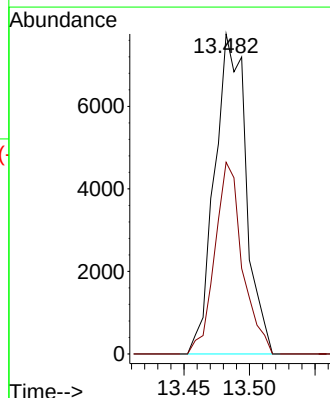
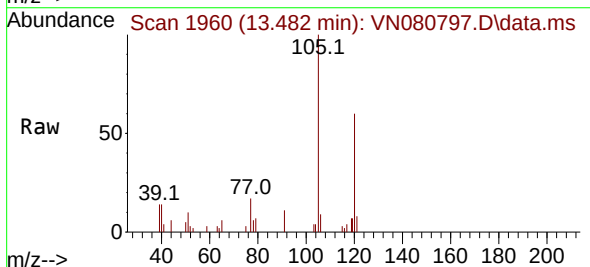
Instrument :
MSVOA_N
ClientSampleId :
50236DL

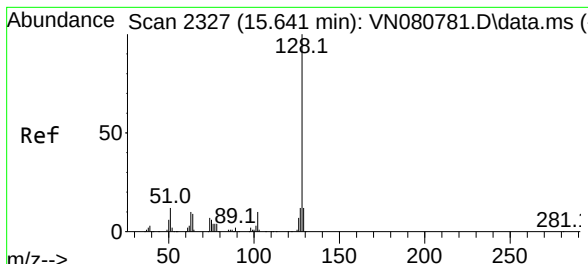
Tgt Ion:105 Resp: 3264
Ion Ratio Lower Upper
105 100
120 59.9 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 1.874 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080797.D
Acq: 29 Jan 2024 17:42

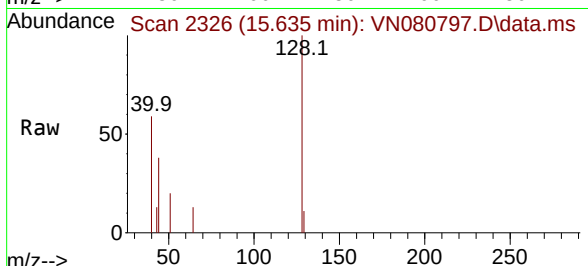
Tgt Ion:105 Resp: 12888
Ion Ratio Lower Upper
105 100
120 52.6 20.9 62.7





#95
 Naphthalene
 Concen: 0.614 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080797.D
 Acq: 29 Jan 2024 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 50236DL



Tgt Ion:	128	Resp:	3608
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.0	15.0
129	4.0	8.7	13.1#

