

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080744.D
 Acq On : 22 Jan 2024 18:34
 Operator : JC\MD
 Sample : P1179-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 03:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

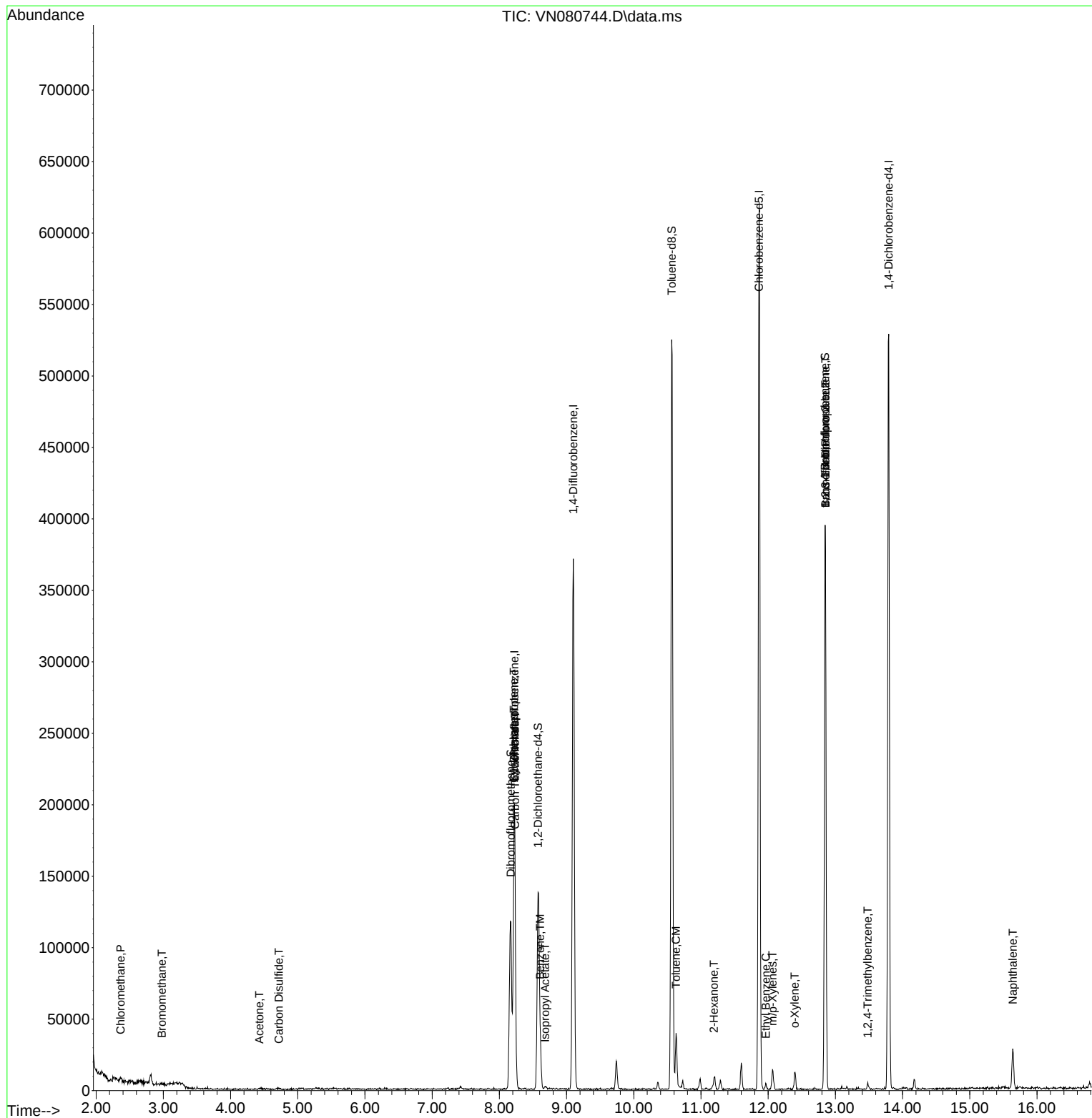
Internal Standards						
1) Pentafluorobenzene	8.224	168	131270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106645	46.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	8.171	113	86568	50.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	10.565	98	349666	53.631	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.847	95	136365	54.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2255	0.281	ug/l #	75
5) Bromomethane	2.977	94	155	0.211	ug/l #	4
6) Chloroethane	3.124	64	102	Below Cal	#	43
16) Acetone	4.430	43	828	1.094	ug/l #	40
17) Carbon Disulfide	4.718	76	1538	0.257	ug/l #	75
31) Cyclohexane	8.218	56	4519	1.269	ug/l #	23
36) 1,1-Dichloropropene	8.218	75	14107	4.028	ug/l #	47
38) Carbon Tetrachloride	8.236	117	15145	4.816	ug/l #	15
40) Benzene	8.606	78	25259	2.565	ug/l	95
43) Isopropyl Acetate	8.683	43	3204	0.513	ug/l #	58
52) Toluene	10.630	92	14478	2.566	ug/l	95
59) 2-Hexanone	11.194	43	1852	0.745	ug/l #	23
67) Ethyl Benzene	11.965	91	2706	0.205	ug/l	93
68) m/p-Xylenes	12.065	106	4558	0.981	ug/l	91
69) o-Xylene	12.394	106	2858	0.629	ug/l	93
71) Bromoform	12.853	173	819	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	79606	20.372	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	79606	48.024	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.482	105	2560	0.259	ug/l	98
95) Naphthalene	15.641	128	22936	2.598	ug/l	96

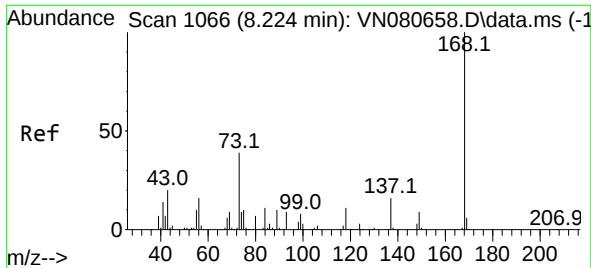
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

Quant Time: Jan 23 03:58:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

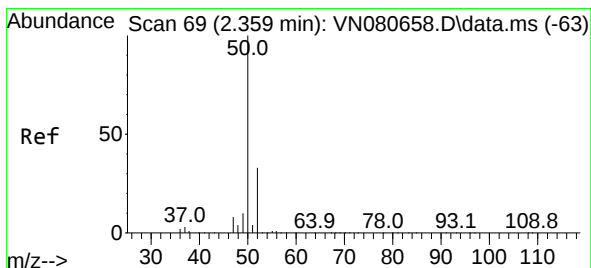
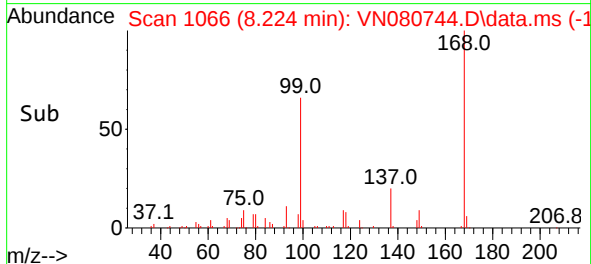
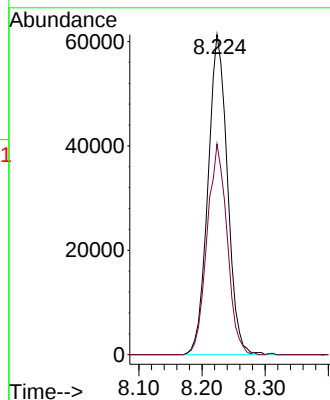
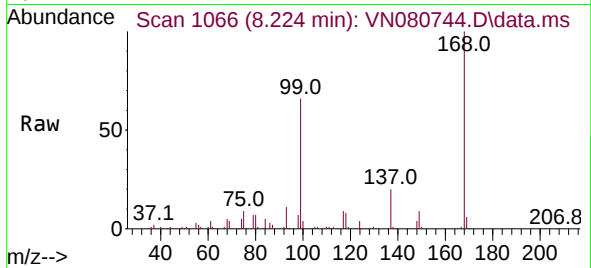




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

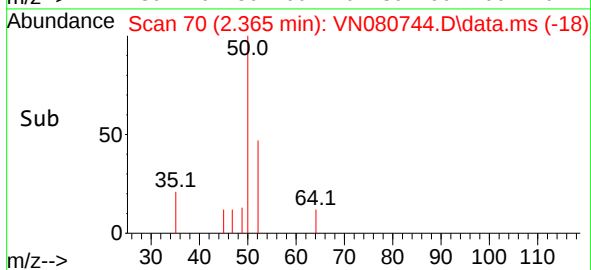
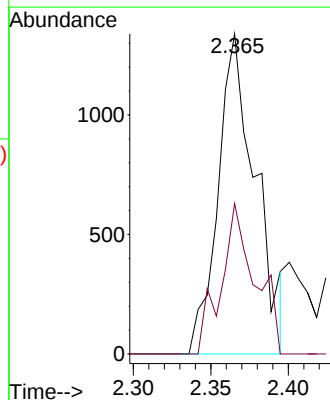
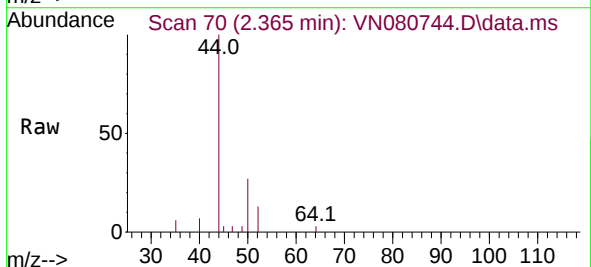
Instrument :
MSVOA_N
ClientSampleId :

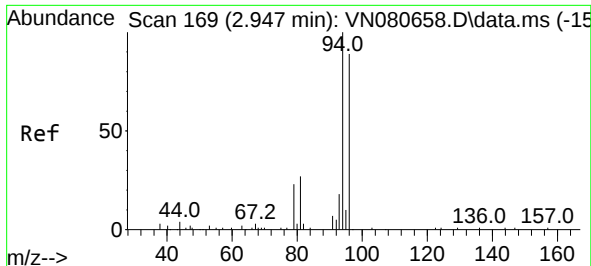
Tgt Ion:168 Resp: 131270
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#3
Chloromethane
Concen: 0.281 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 50 Resp: 2255
Ion Ratio Lower Upper
50 100
52 47.1 26.5 39.7#

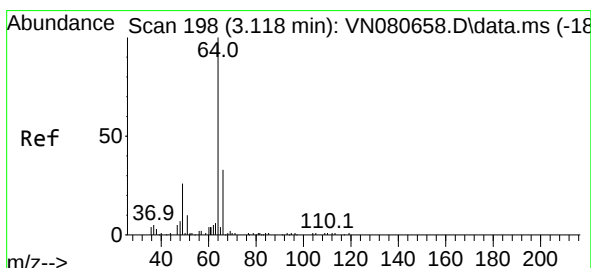
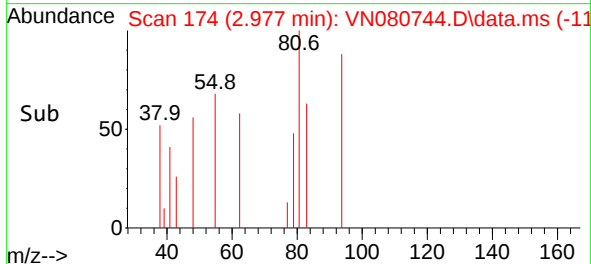
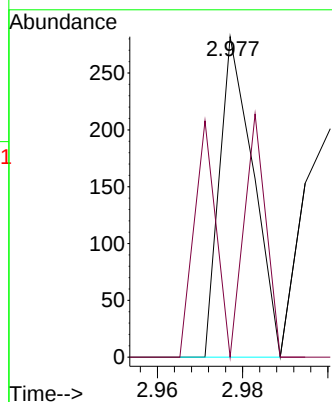
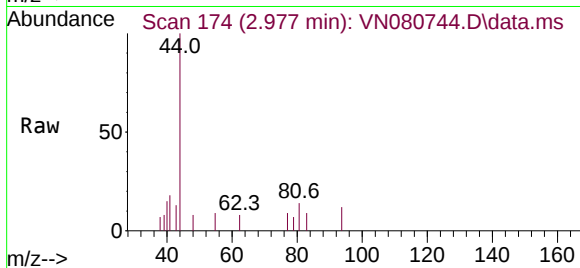




#5
Bromomethane
Concen: 0.211 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

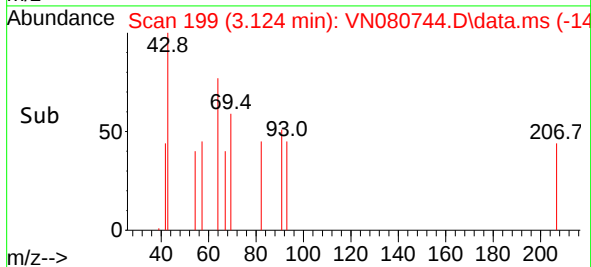
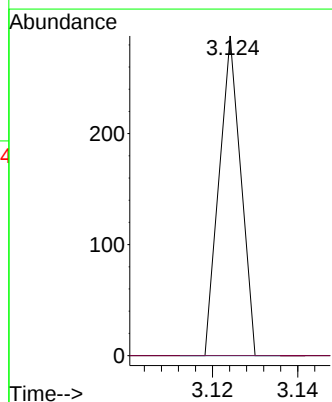
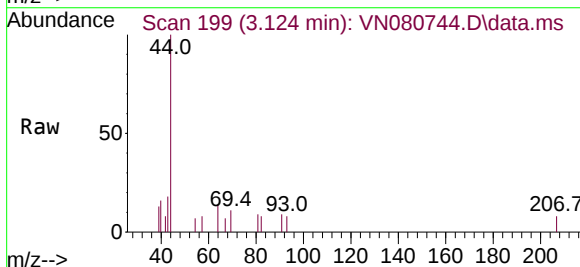
Instrument :
MSVOA_N
ClientSampleId :

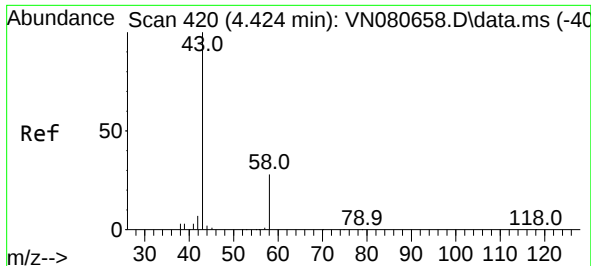
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 1.094 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

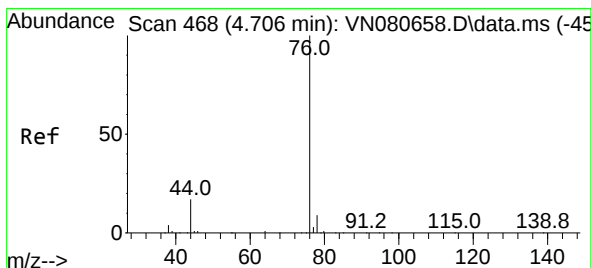
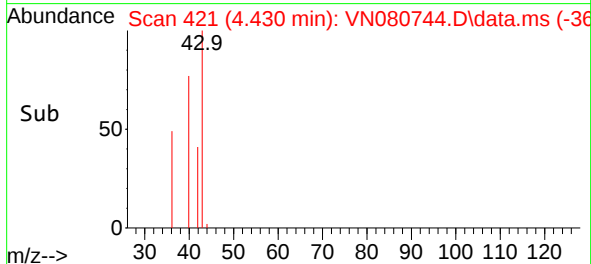
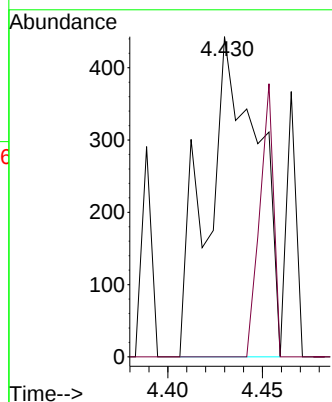
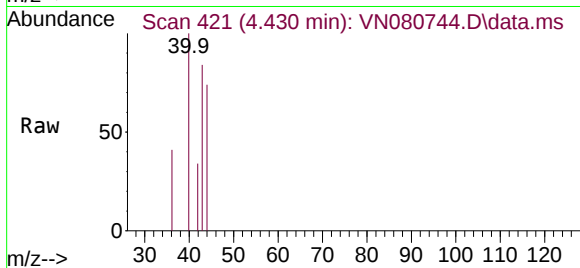
ClientSampleId :

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN080744.D

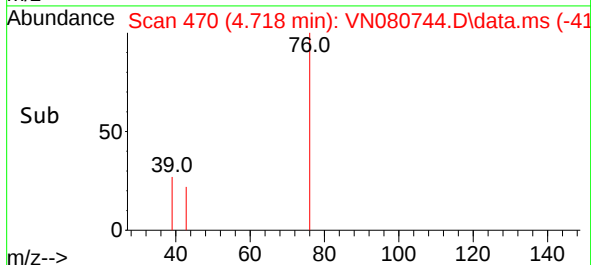
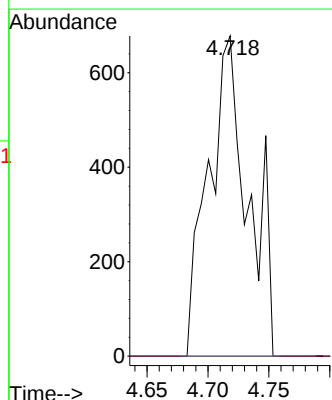
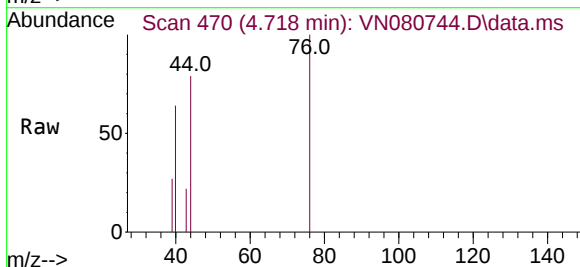
Acq: 22 Jan 2024 18:34

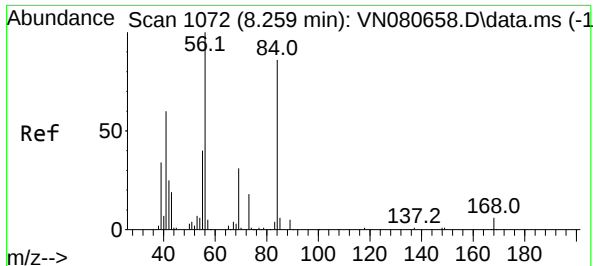
Tgt Ion: 76 Resp: 1538

Ion Ratio Lower Upper

76 100

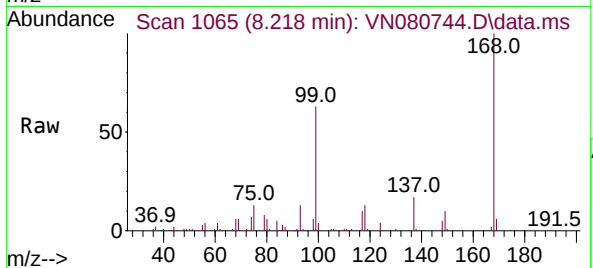
78 0.0 7.4 11.0#



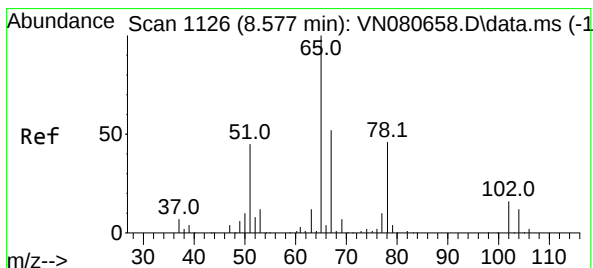
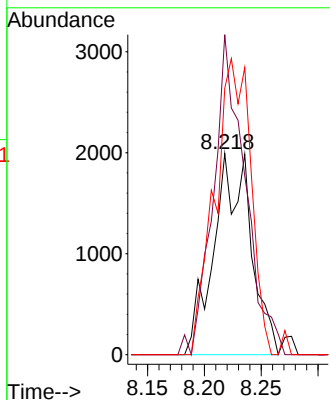
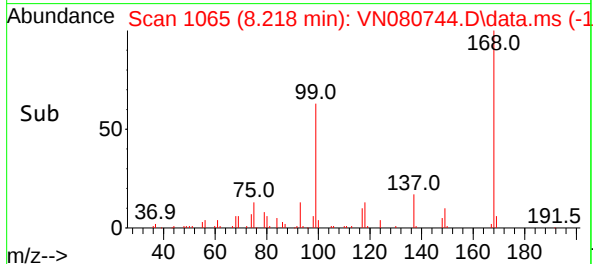


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

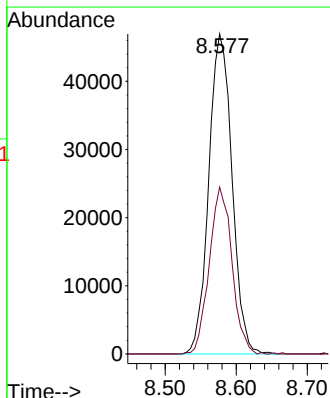
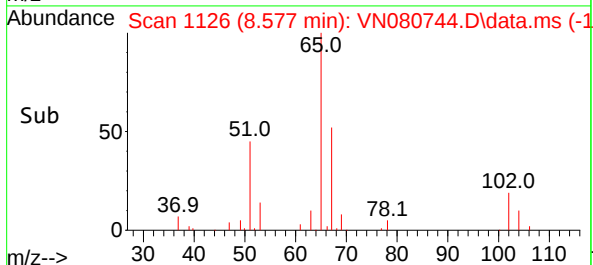
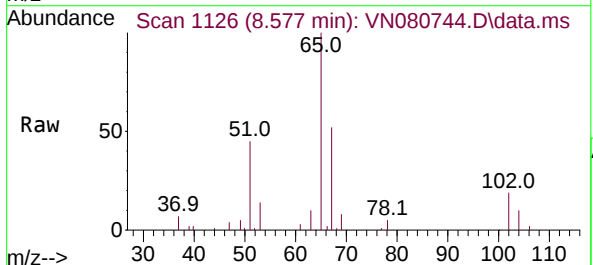


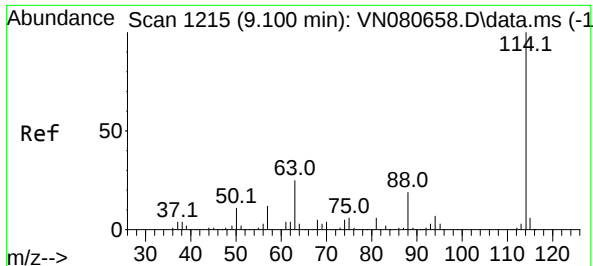
Tgt Ion: 56 Resp: 4519
Ion Ratio Lower Upper
56 100
69 159.2 26.8 40.2#
84 132.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.262 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 65 Resp: 106645
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

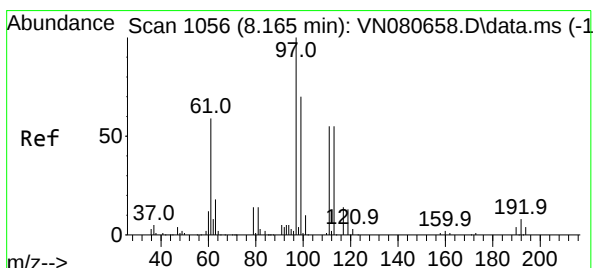
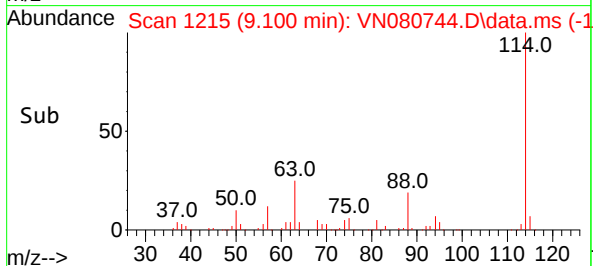
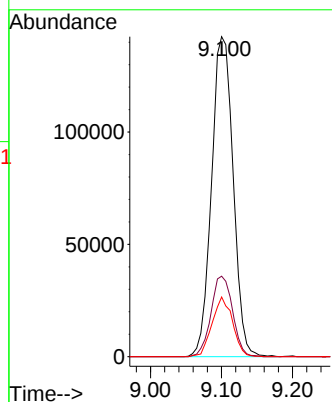
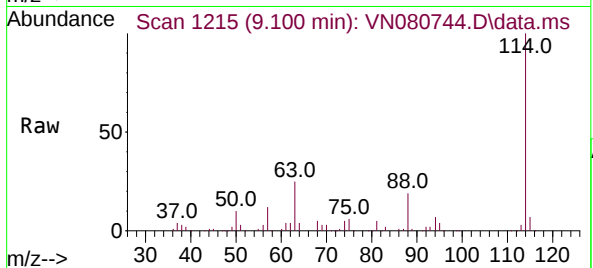
Tgt Ion:114 Resp: 300943

Ion Ratio Lower Upper

114 100

63 25.2 0.0 36.4

88 18.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.628 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

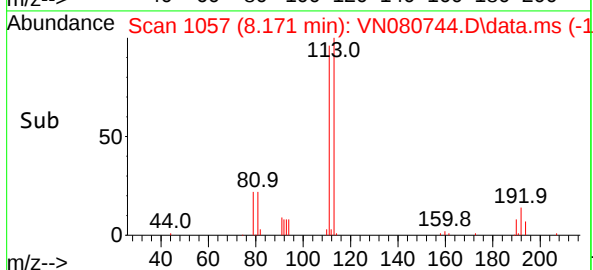
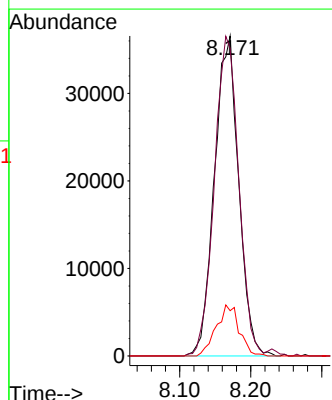
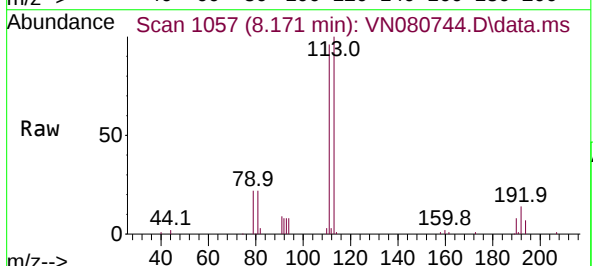
Tgt Ion:113 Resp: 86568

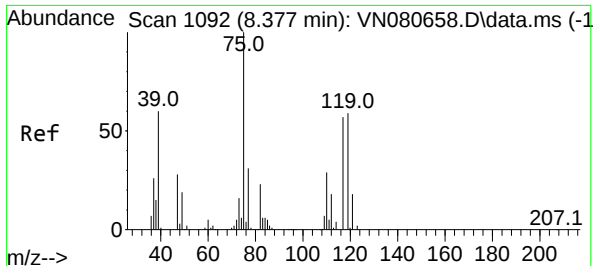
Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

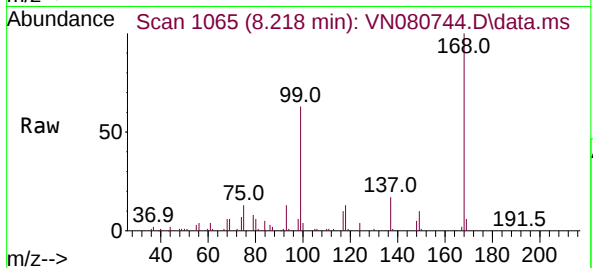
192 15.1 12.7 19.1



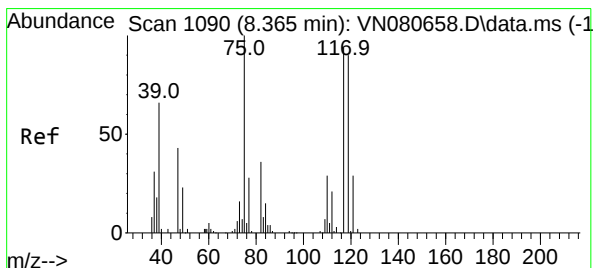
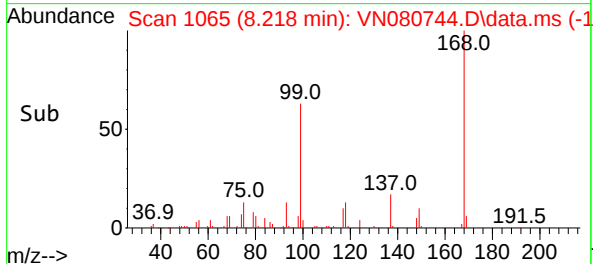
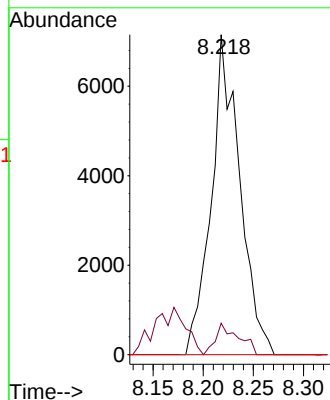


#36
1,1-Dichloropropene
Concen: 4.028 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

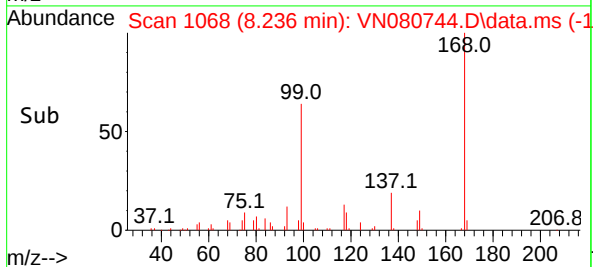
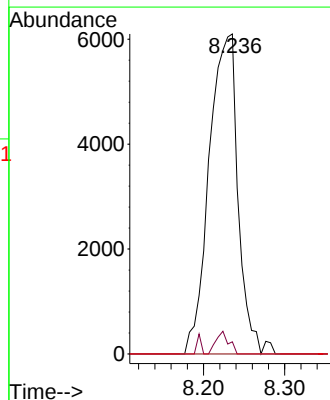
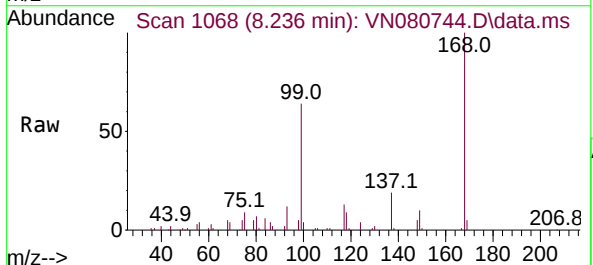


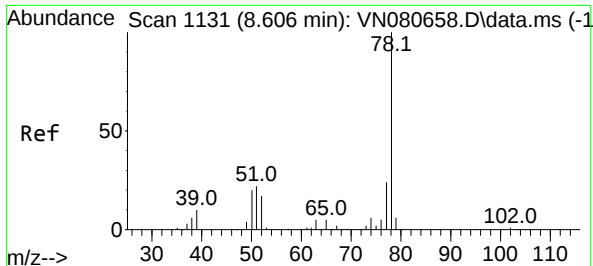
Tgt Ion: 75 Resp: 14107
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.816 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.129 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 117 Resp: 15145
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 23.3 34.9#





#40

Benzene

Concen: 2.565 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

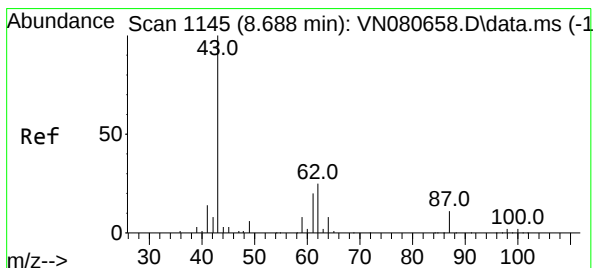
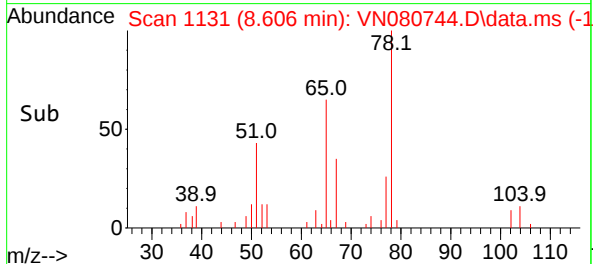
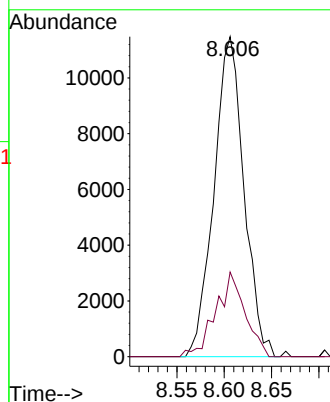
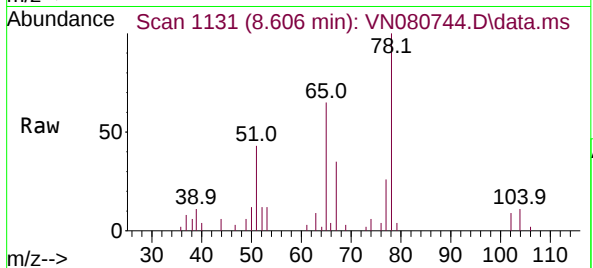
ClientSampleId :

Tgt Ion: 78 Resp: 25259

Ion Ratio Lower Upper

78 100

77 26.4 19.0 28.6



#43

Isopropyl Acetate

Concen: 0.513 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

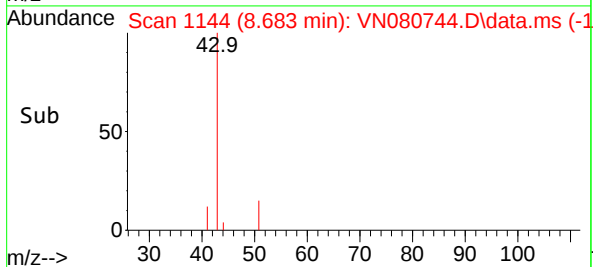
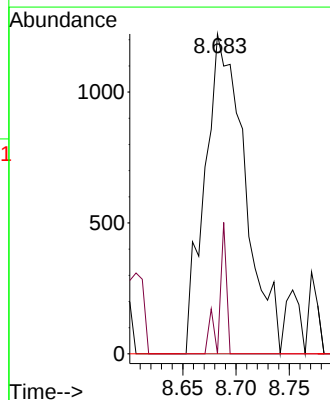
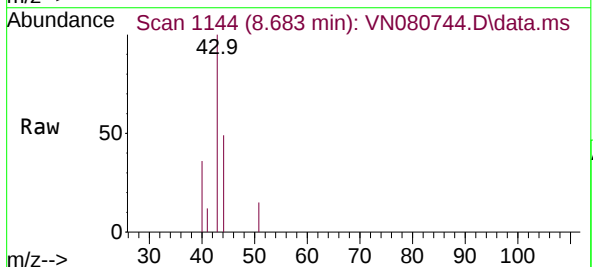
Tgt Ion: 43 Resp: 3204

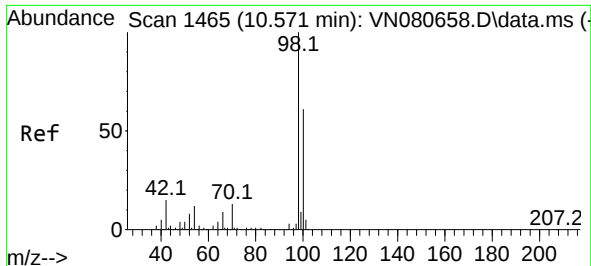
Ion Ratio Lower Upper

43 100

61 7.4 24.7 37.1#

87 0.0 14.6 21.8#

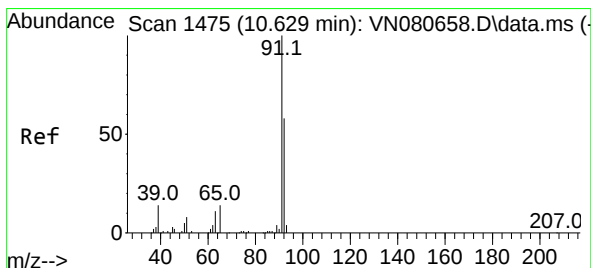
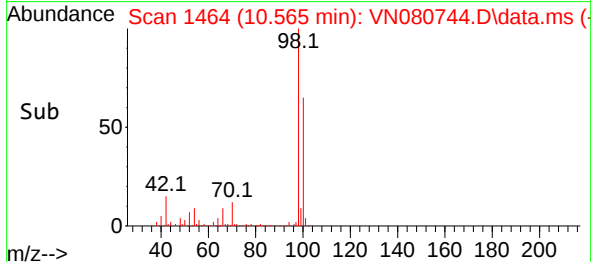
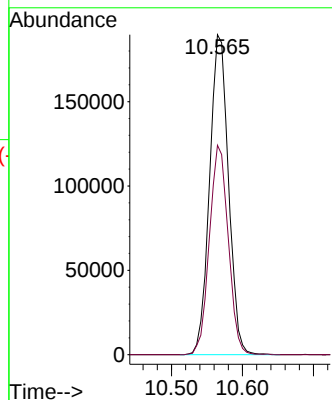
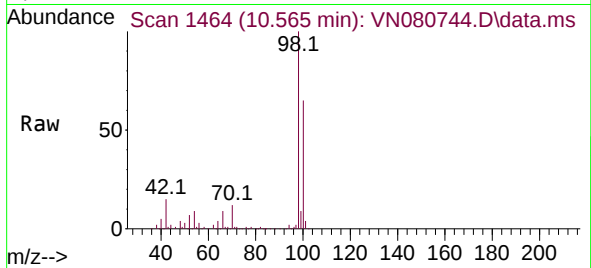




#50
Toluene-d8
Concen: 53.631 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

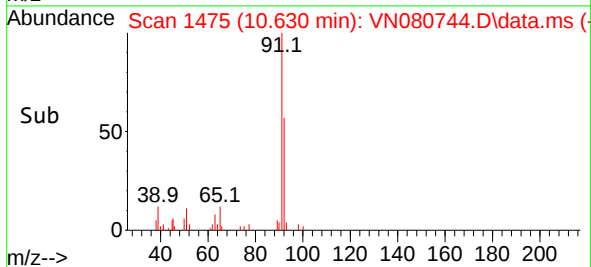
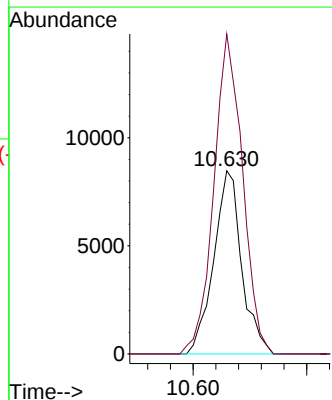
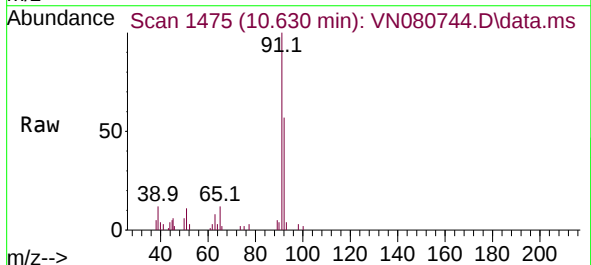
Instrument :
MSVOA_N
ClientSampleId :

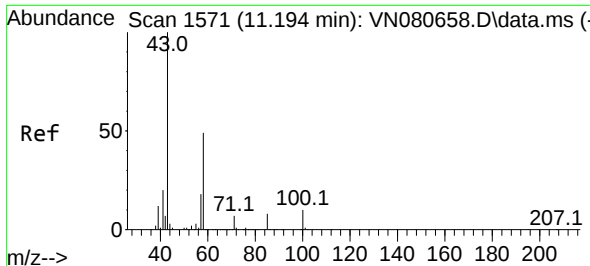
Tgt Ion: 98 Resp: 349666
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#52
Toluene
Concen: 2.566 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 92 Resp: 14478
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

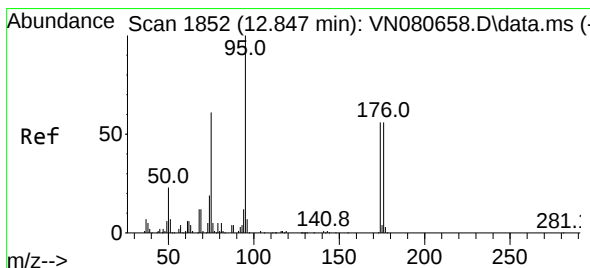
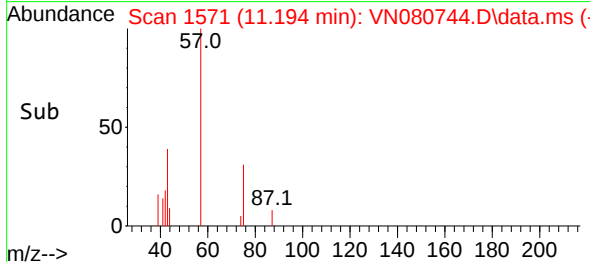
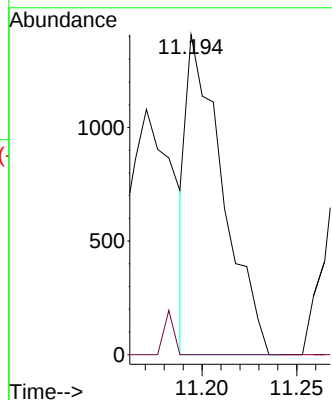
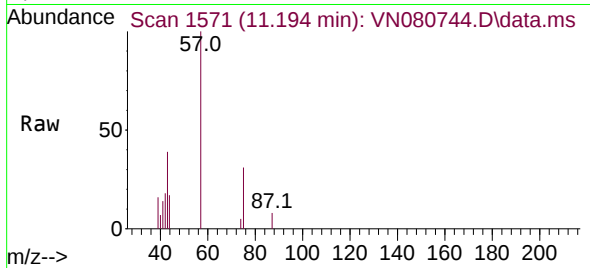




#59
2-Hexanone
Concen: 0.745 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

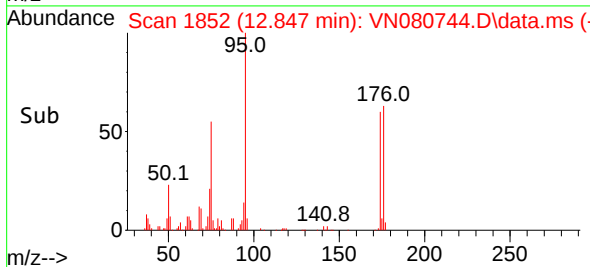
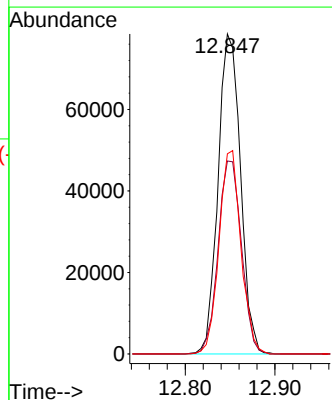
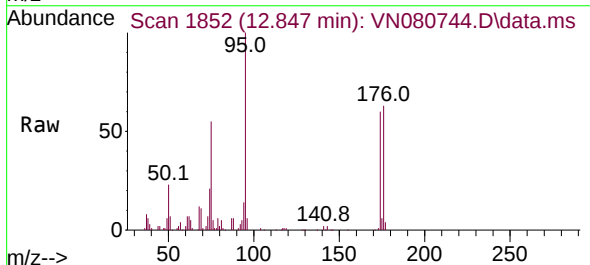
Instrument :
MSVOA_N
ClientSampleId :

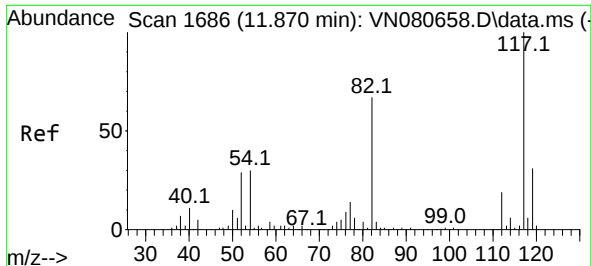
Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
58 3.7 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 95 Resp: 136365
Ion Ratio Lower Upper
95 100
174 62.7 0.0 143.8
176 62.0 0.0 135.8

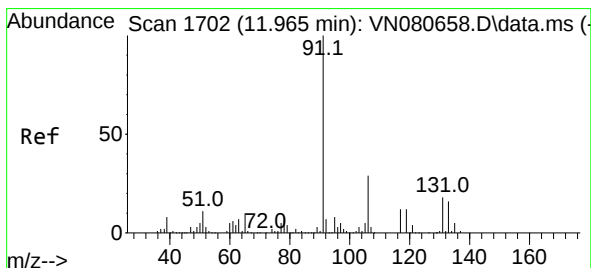
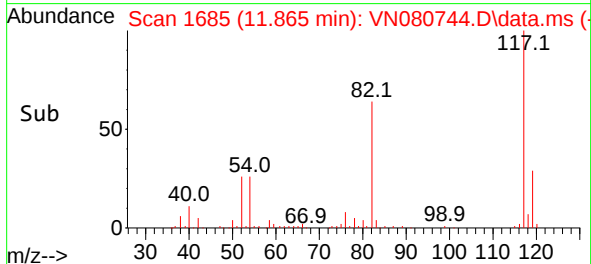
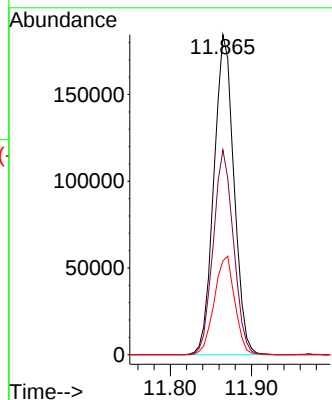
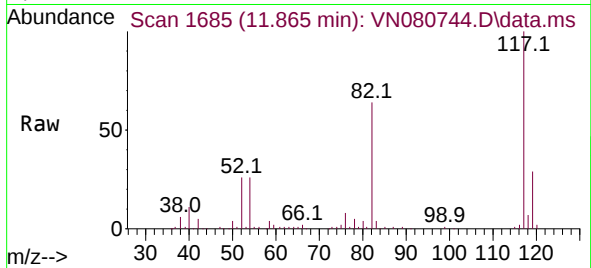




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

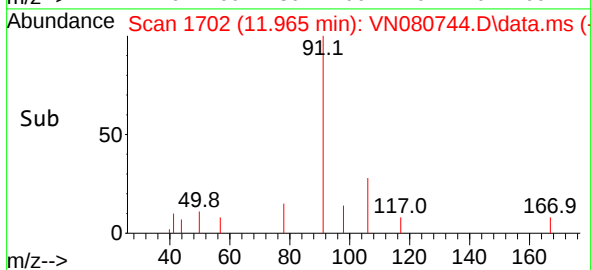
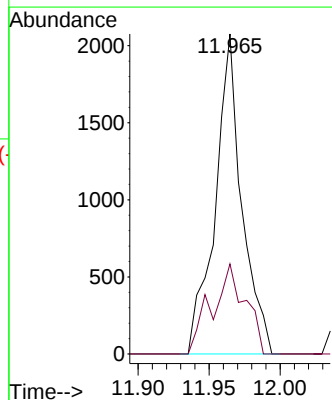
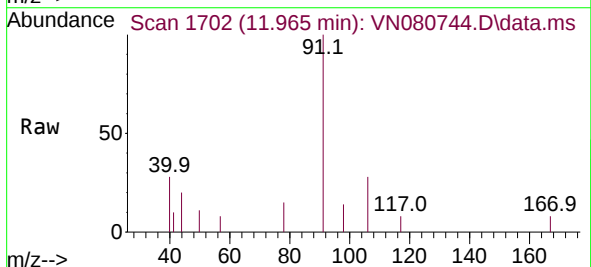
Instrument :
MSVOA_N
ClientSampleId :

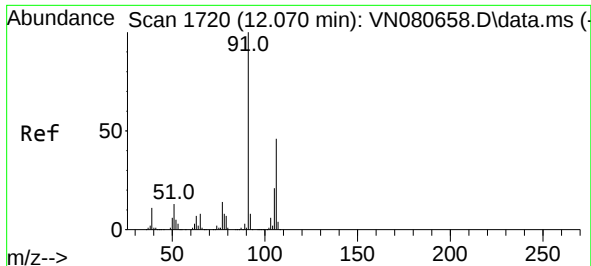
Tgt Ion:117 Resp: 316713
Ion Ratio Lower Upper
117 100
82 64.0 44.0 66.0
119 29.3 25.6 38.4



#67
Ethyl Benzene
Concen: 0.205 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 91 Resp: 2706
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4

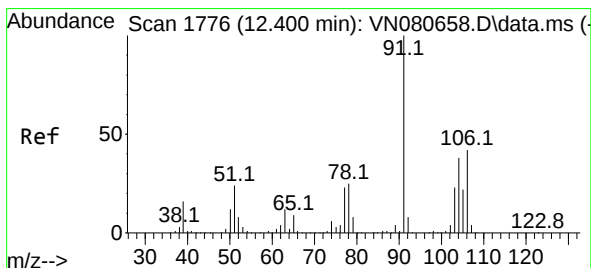
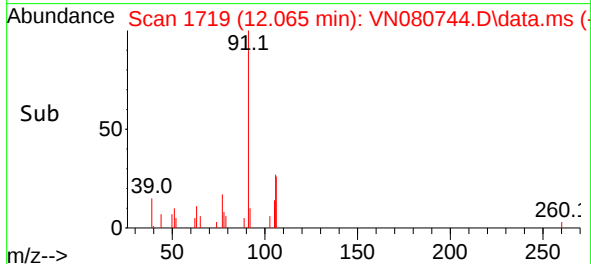
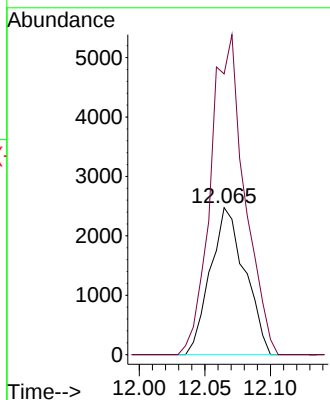
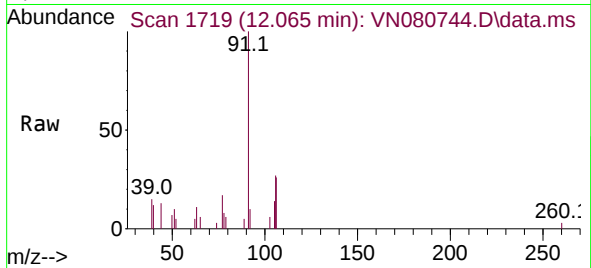




#68
m/p-Xylenes
Concen: 0.981 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

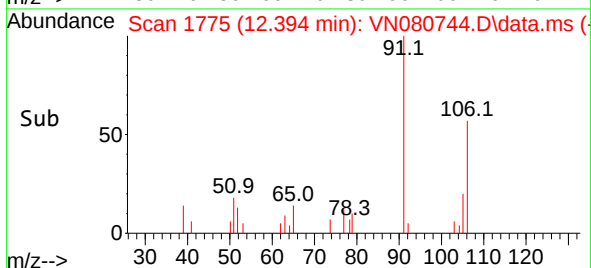
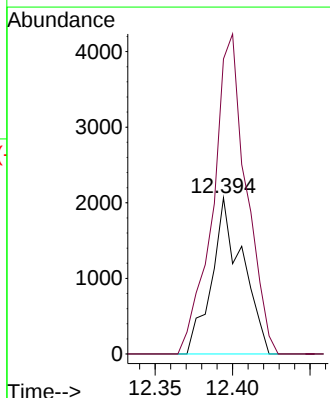
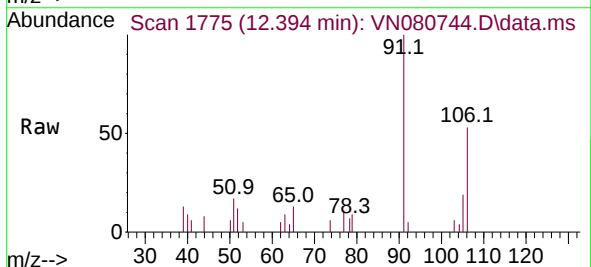
Instrument :
MSVOA_N
ClientSampleId :

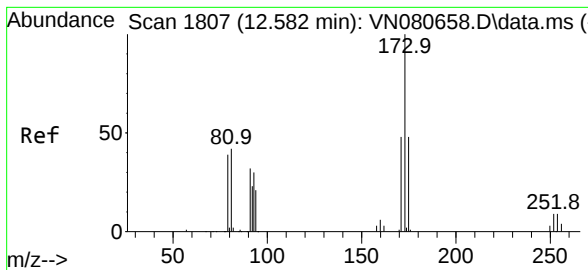
Tgt Ion:106 Resp: 4558
Ion Ratio Lower Upper
106 100
91 213.1 159.6 239.4



#69
o-Xylene
Concen: 0.629 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion:106 Resp: 2858
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5

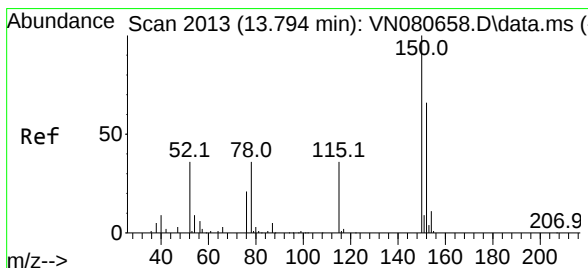
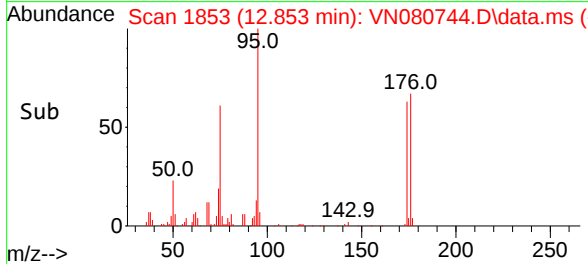
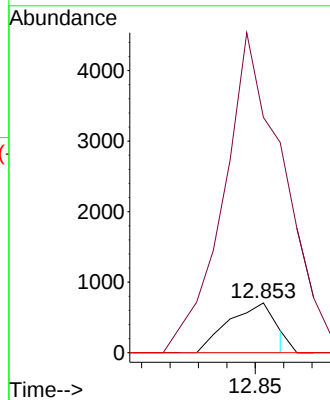
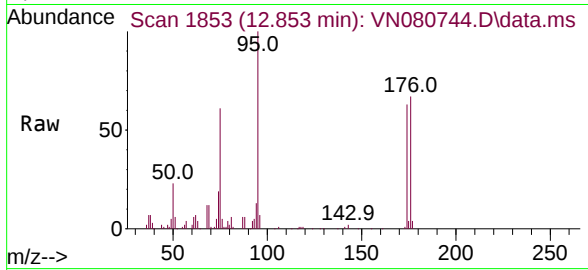




#71
Bromoform
Concen: 0.485 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

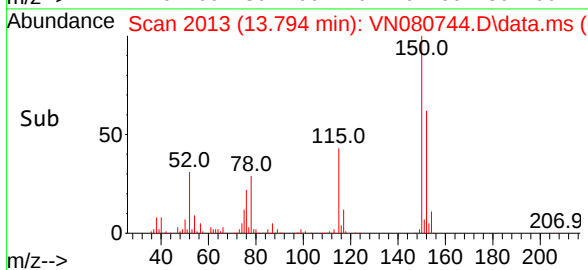
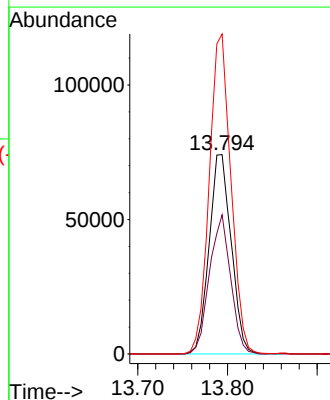
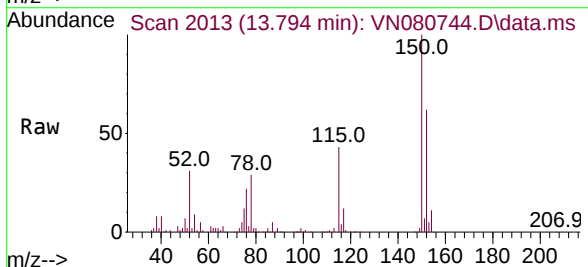
Instrument :
MSVOA_N
ClientSampleId :

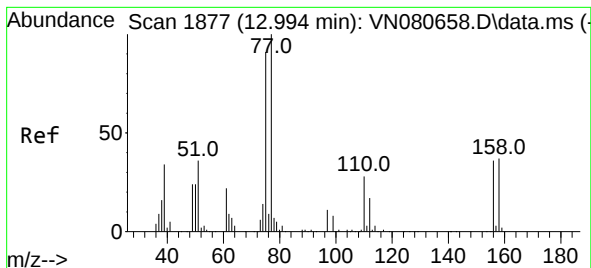
Tgt Ion:173 Resp: 819
Ion Ratio Lower Upper
173 100
175 694.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion:152 Resp: 126726
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 157.3 0.0 355.8

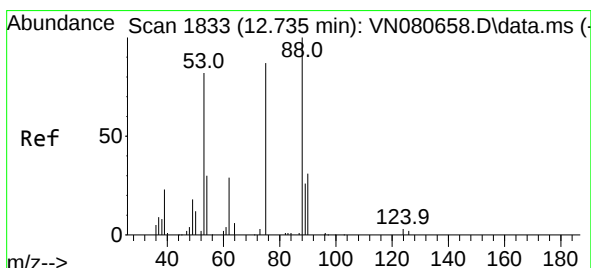
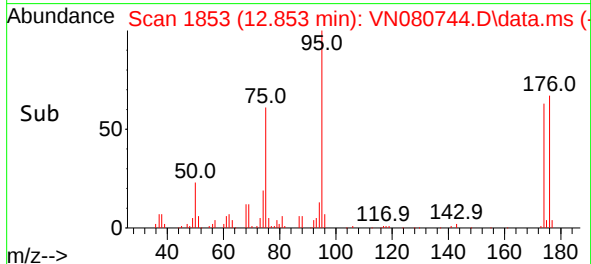
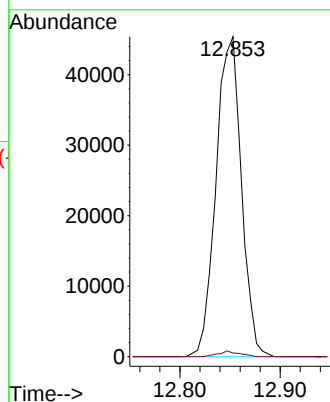
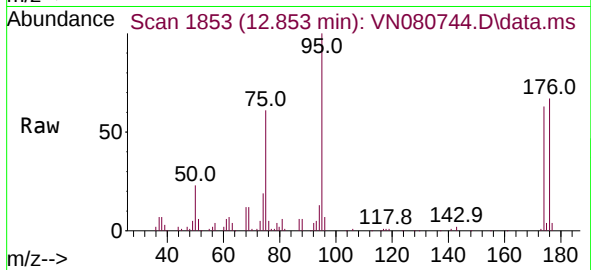




#76
1,2,3-Trichloropropane
Concen: 20.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

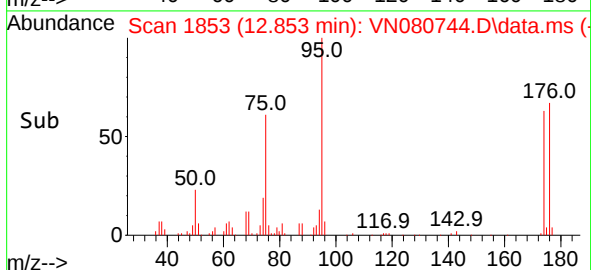
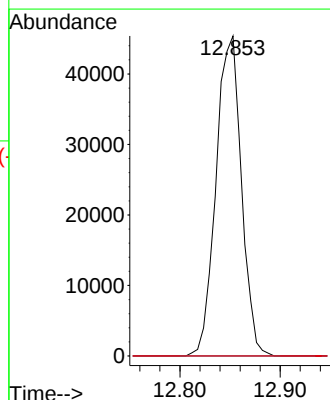
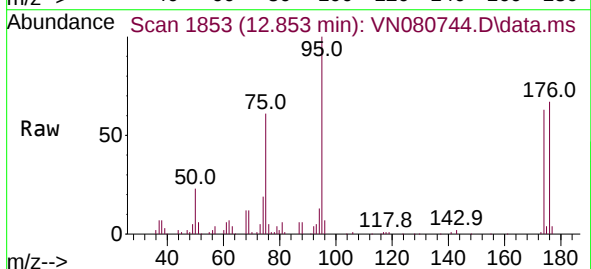
Instrument :
MSVOA_N
ClientSampleId :

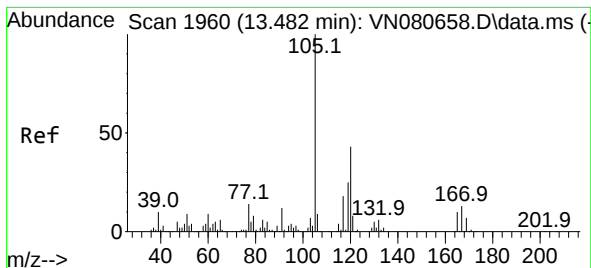
Tgt Ion: 75 Resp: 79606
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.024 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 75 Resp: 79606
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.259 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

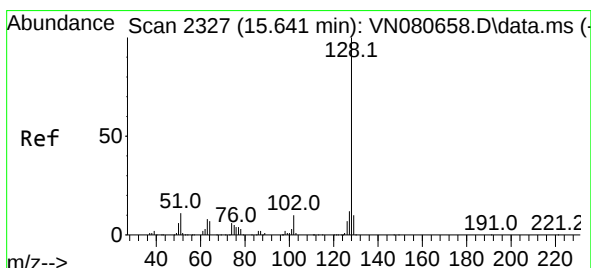
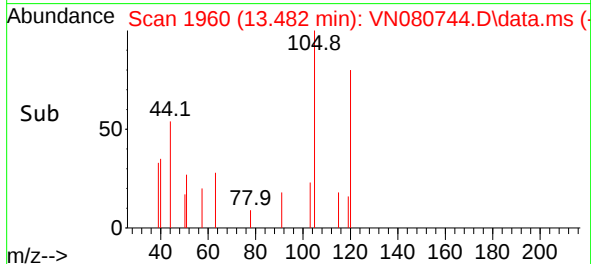
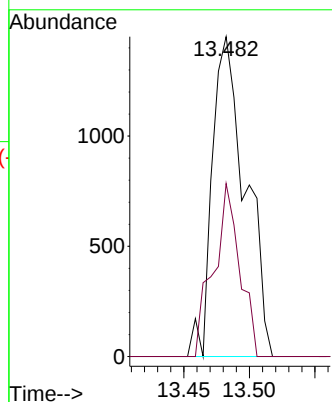
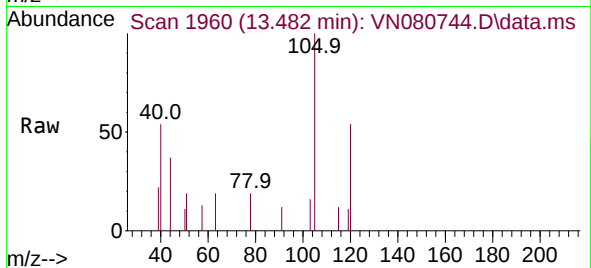
ClientSampleId :

Tgt Ion:105 Resp: 2560

Ion Ratio Lower Upper

105 100

120 42.5 22.0 66.0



#95

Naphthalene

Concen: 2.598 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Tgt Ion:128 Resp: 22936

Ion Ratio Lower Upper

128 100

127 14.6 10.0 15.0

129 11.6 8.7 13.1

