

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080634.D
 Acq On : 03 Jan 2024 12:46
 Operator : JC\MD
 Sample : VN0103WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:56:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

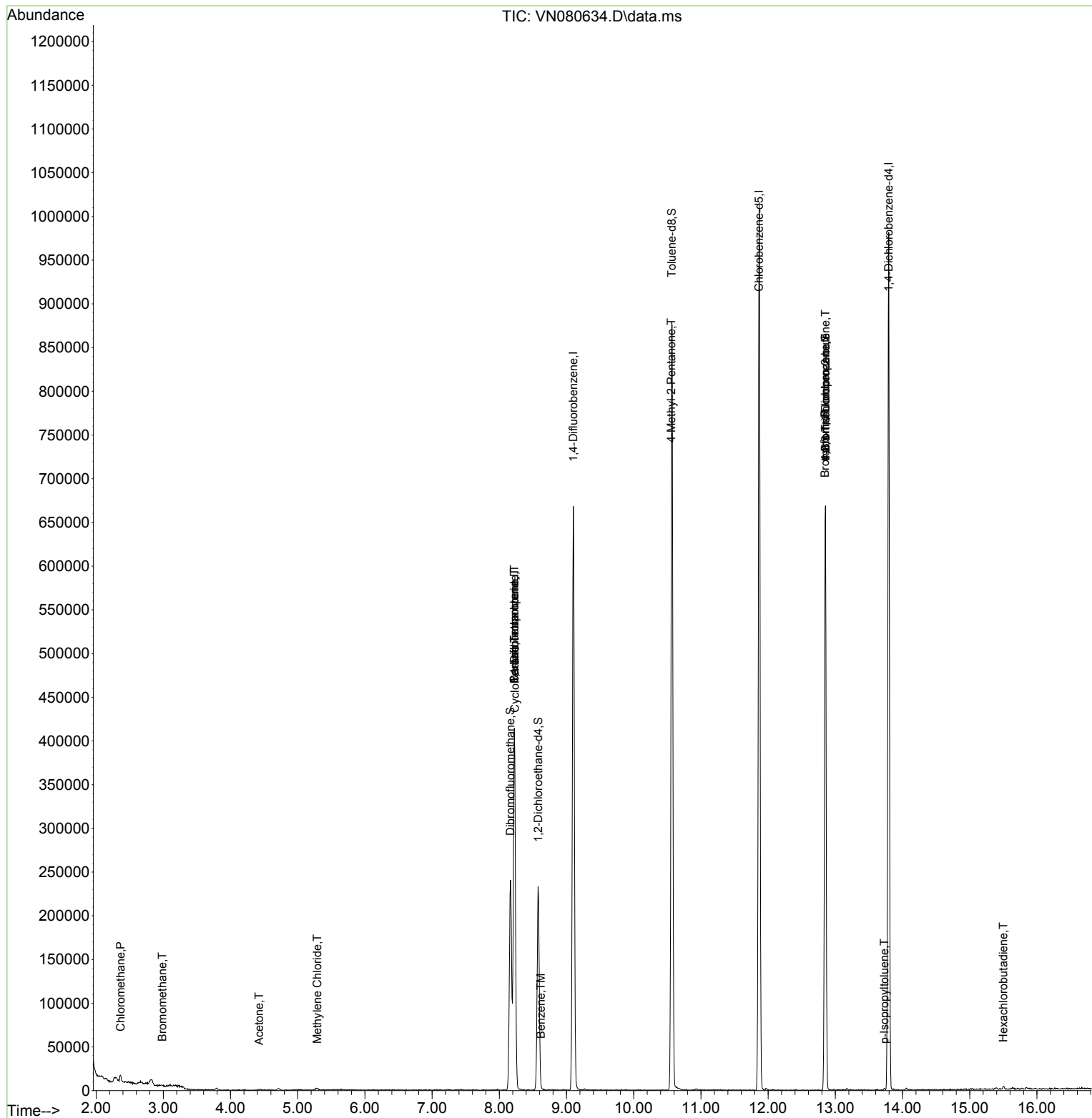
Internal Standards						
1) Pentafluorobenzene	8.224	168	301460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	587361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	605678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193618	50.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.140%	
35) Dibromofluoromethane	8.165	113	174878	46.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.080%	
50) Toluene-d8	10.565	98	637260	48.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.853	95	245857	55.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	9236	1.546	ug/l #	88
5) Bromomethane	2.983	94	807	0.570	ug/l	90
16) Acetone	4.424	43	857	0.815	ug/l	93
20) Methylene Chloride	5.289	84	1586	0.473	ug/l #	77
31) Cyclohexane	8.230	56	6681	1.277	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	22445	3.839	ug/l #	49
38) Carbon Tetrachloride	8.224	117	32516	5.437	ug/l #	18
40) Benzene	8.618	78	227	0.385	ug/l #	52
51) 4-Methyl-2-Pentanone	10.559	43	2272	0.559	ug/l #	1
71) Bromoform	12.847	173	1363	0.398	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	126488	22.284	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	126488	60.363	ug/l #	15
86) p-Isopropyltoluene	13.729	119	883	0.512	ug/l #	70
94) Hexachlorobutadiene	15.500	225	1045	0.460	ug/l	91

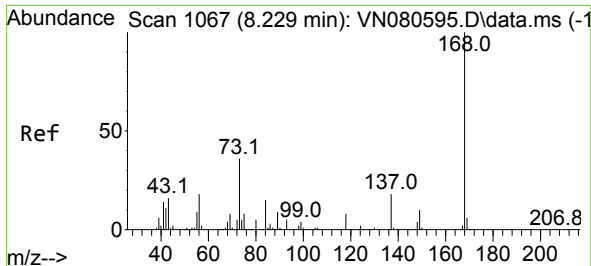
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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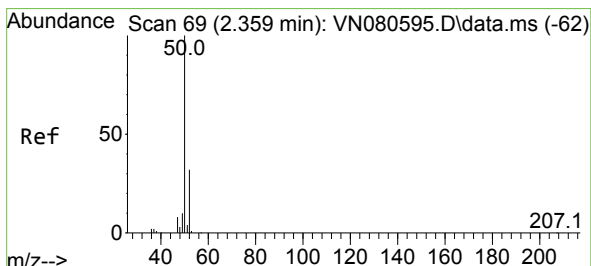
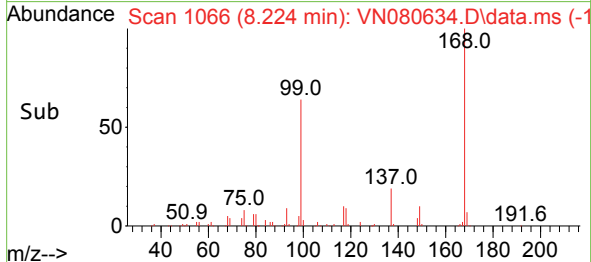
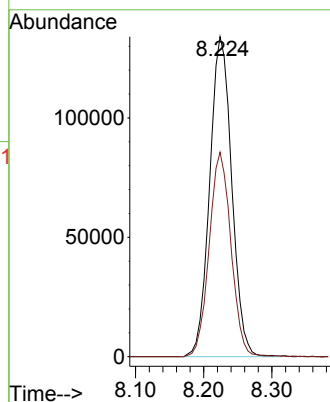
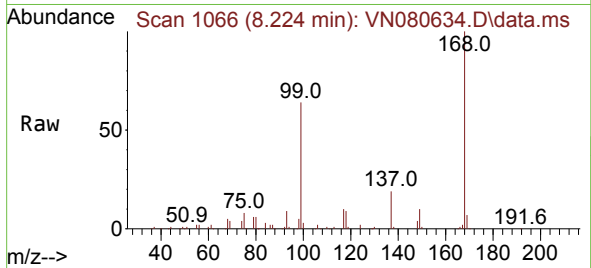




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

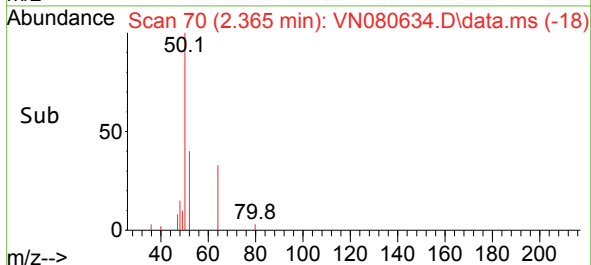
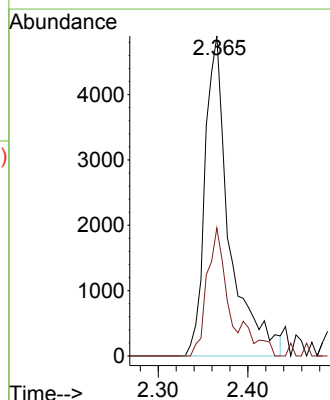
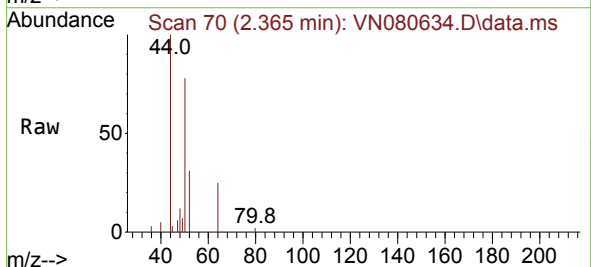
Instrument :
MSVOA_N
ClientSampleId :

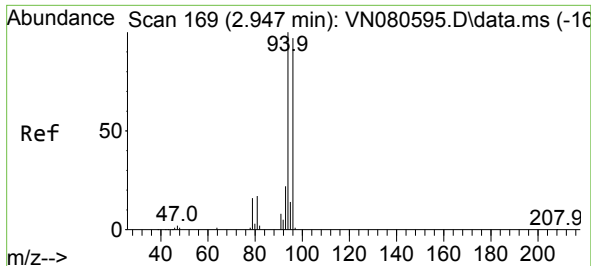
Tgt Ion:168 Resp: 301460
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#3
Chloromethane
Concen: 1.546 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion: 50 Resp: 9236
Ion Ratio Lower Upper
50 100
52 40.0 26.5 39.7#

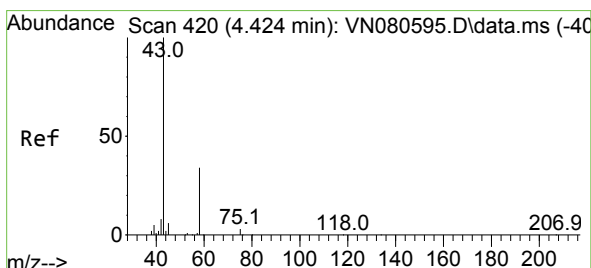
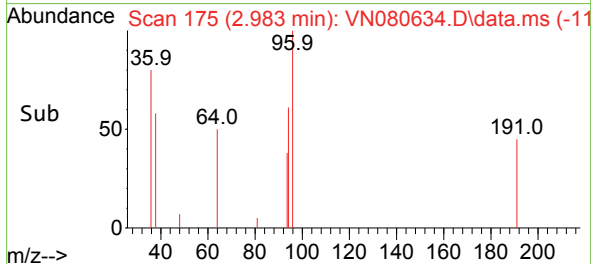
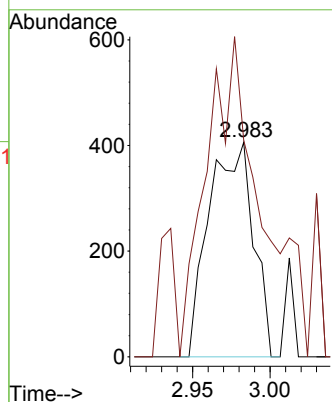
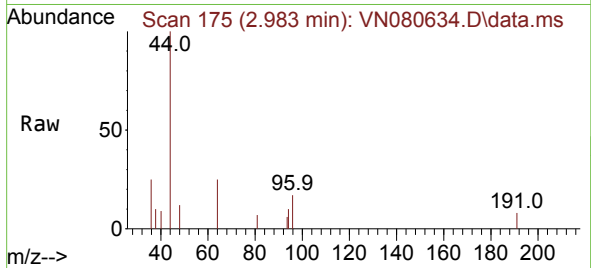




#5
Bromomethane
Concen: 0.570 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

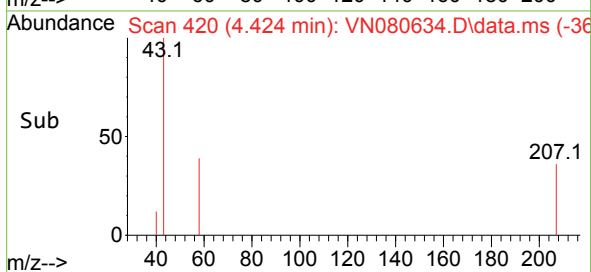
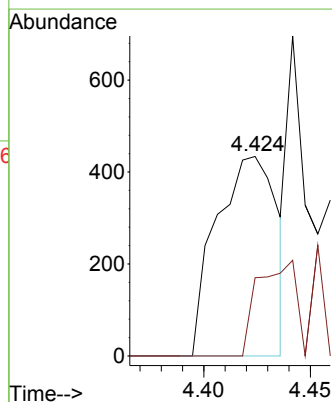
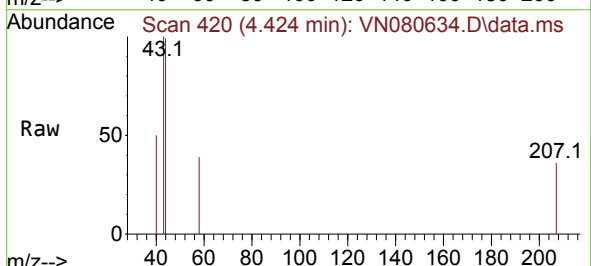
Instrument :
MSVOA_N
ClientSampleId :

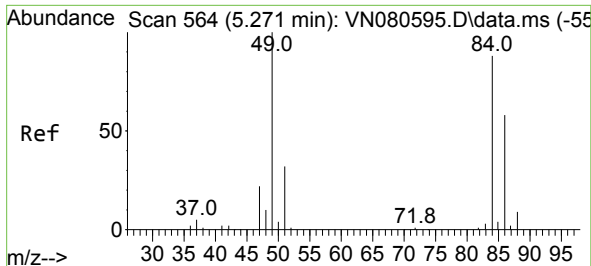
Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
96 101.0 73.1 109.7



#16
Acetone
Concen: 0.815 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

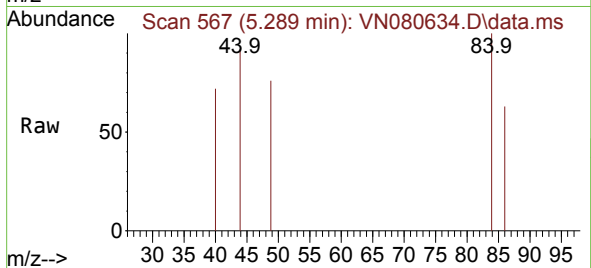
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 39.2 28.0 42.0



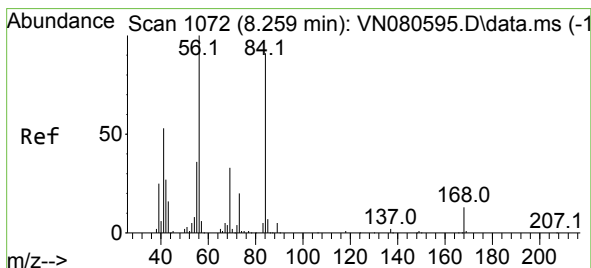
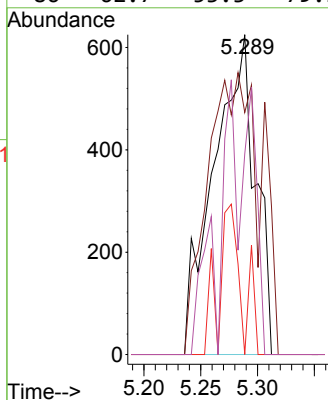
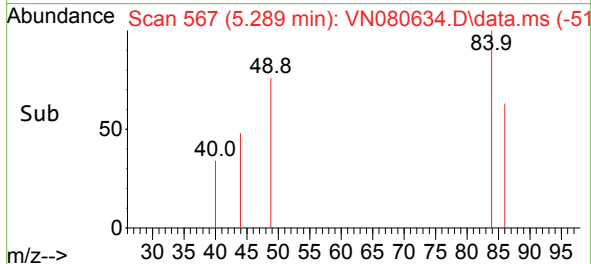


#20
Methylene Chloride
Concen: 0.473 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

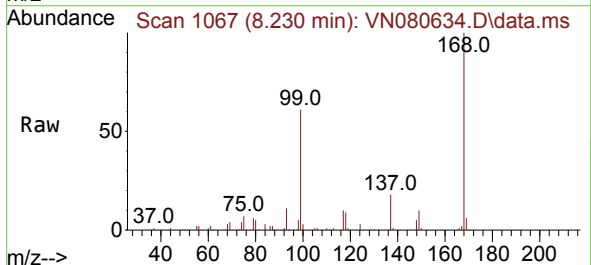
Instrument :
MSVOA_N
ClientSampleId :



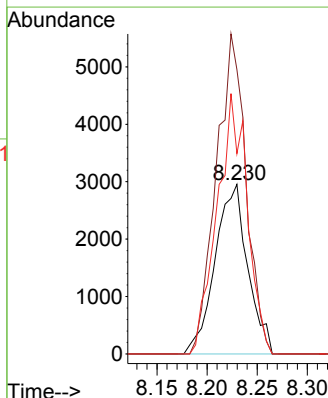
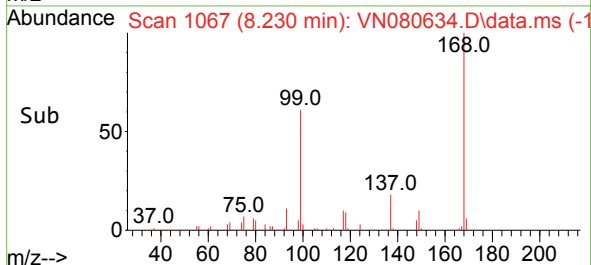
Tgt Ion: 84 Resp: 1586
Ion Ratio Lower Upper
84 100
49 75.7 79.7 119.5#
51 0.0 25.2 37.8#
86 62.7 53.3 79.9

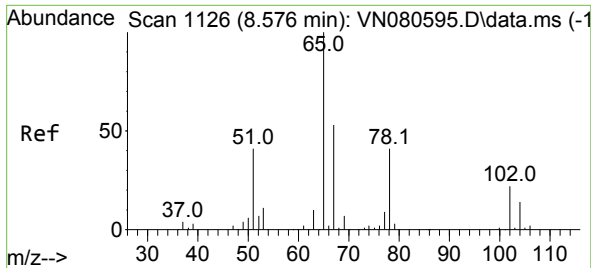


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46



Tgt Ion: 56 Resp: 6681
Ion Ratio Lower Upper
56 100
69 167.7 26.8 40.2#
84 118.1 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 50.071 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080634.D

Acq: 03 Jan 2024 12:46

Instrument :

MSVOA_N

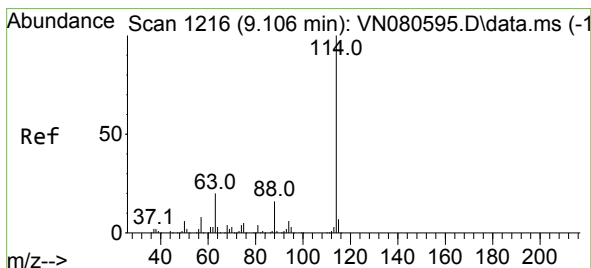
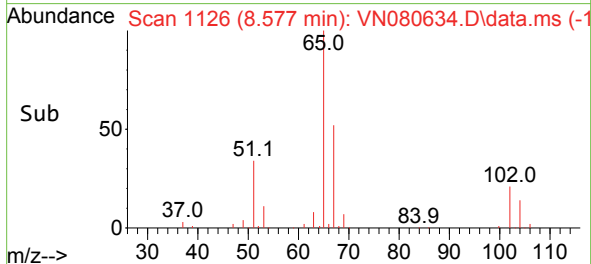
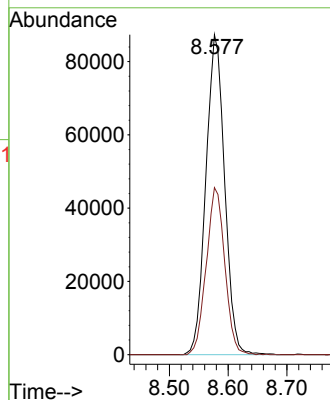
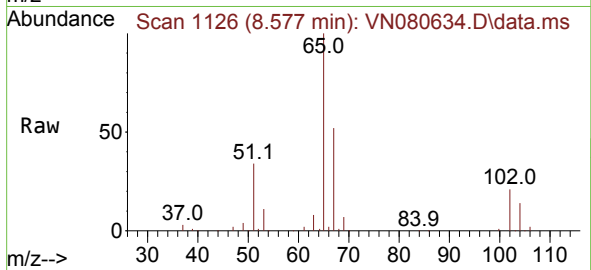
ClientSampleId :

Tgt Ion: 65 Resp: 193618

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080634.D

Acq: 03 Jan 2024 12:46

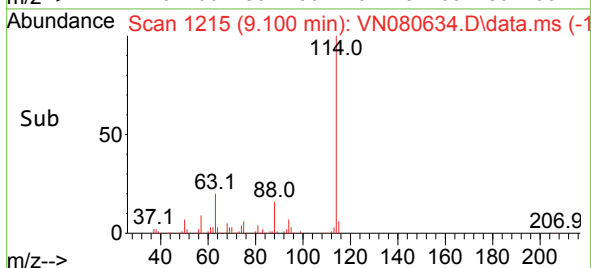
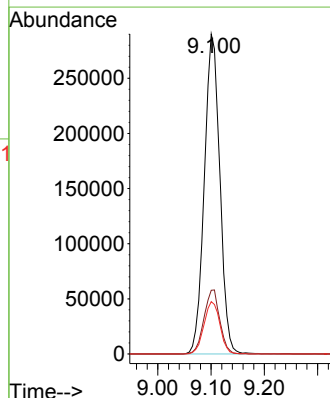
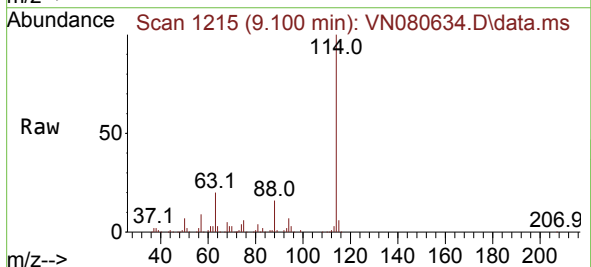
Tgt Ion: 114 Resp: 587361

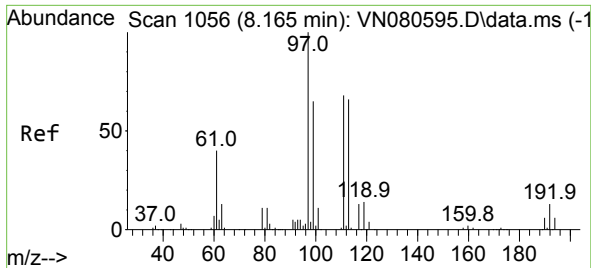
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

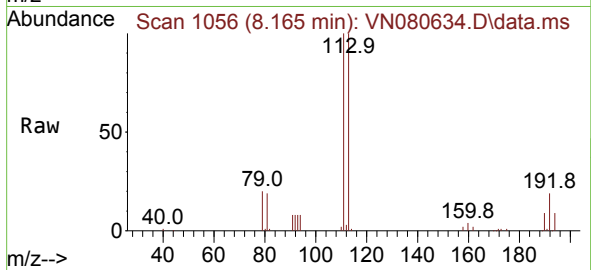
88 16.4 0.0 30.6



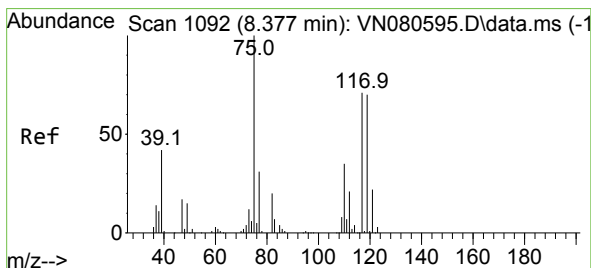
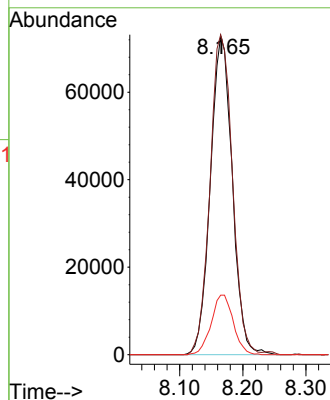
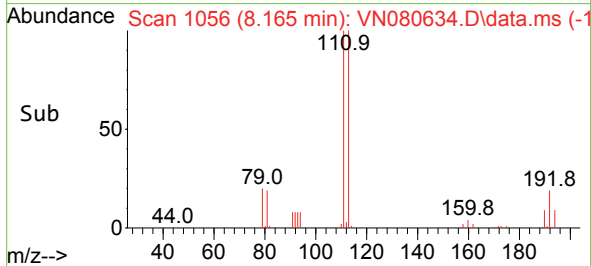


#35
Dibromofluoromethane
Concen: 46.035 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :

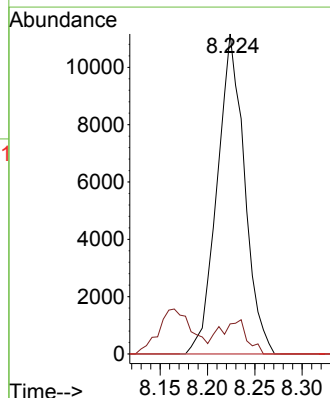
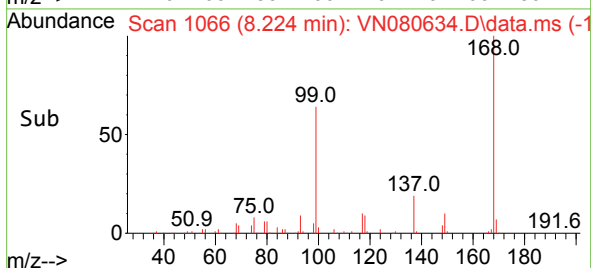
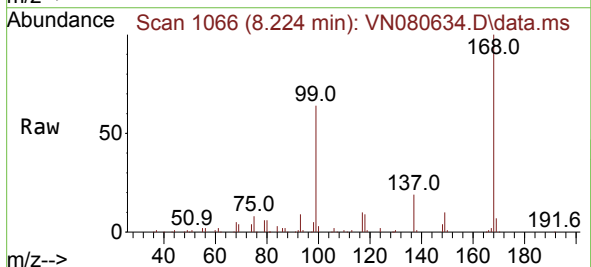


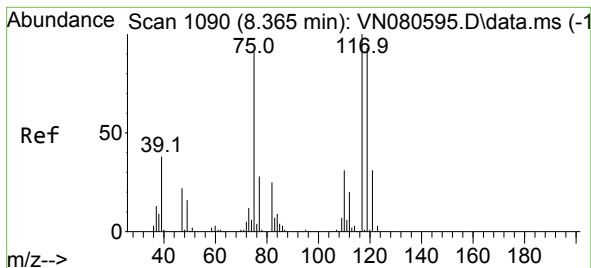
Tgt Ion:113 Resp: 174878
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.839 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion: 75 Resp: 22445
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.437 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

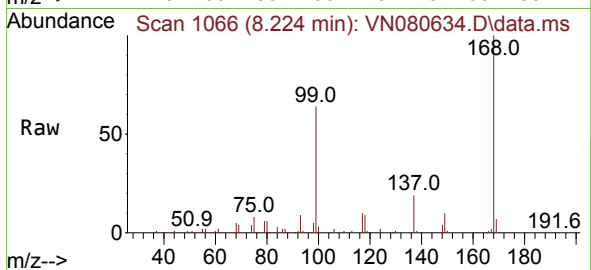
Lab File: VN080634.D

Acq: 03 Jan 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :



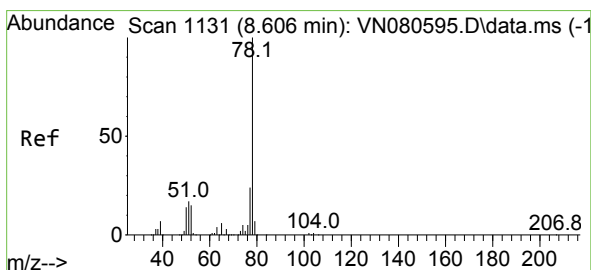
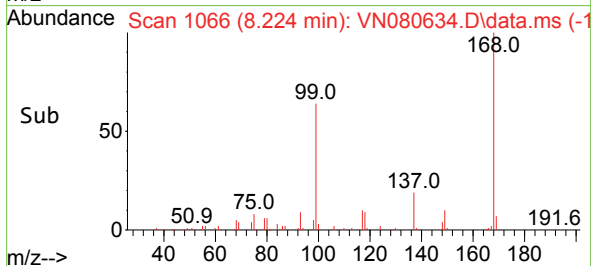
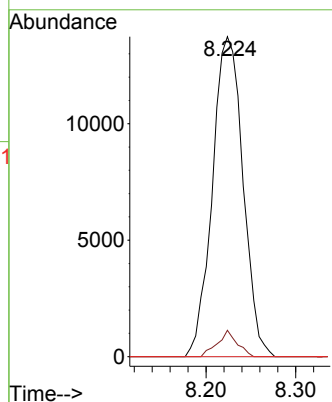
Tgt Ion:117 Resp: 32516

Ion Ratio Lower Upper

117 100

119 8.2 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 0.385 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VN080634.D

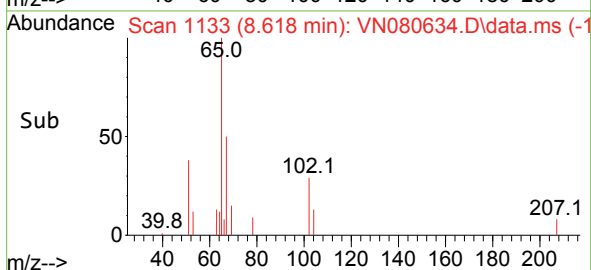
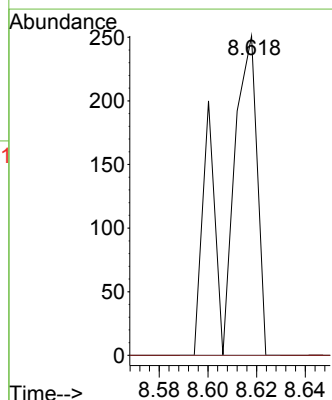
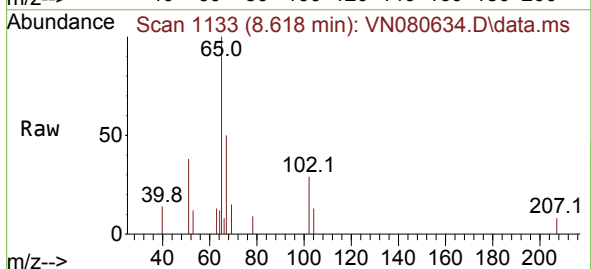
Acq: 03 Jan 2024 12:46

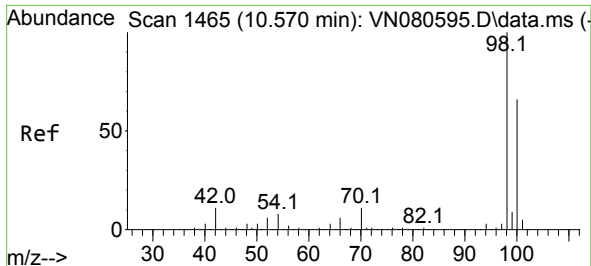
Tgt Ion: 78 Resp: 227

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.6#

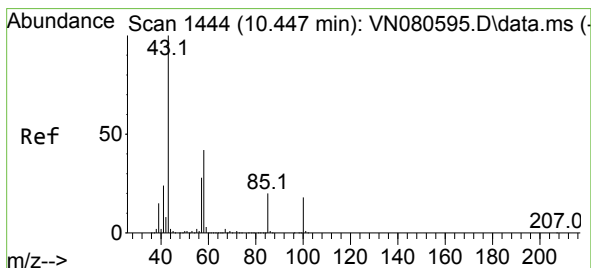
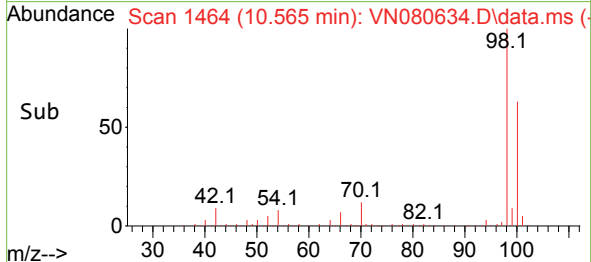
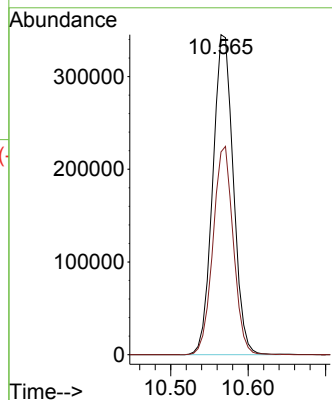
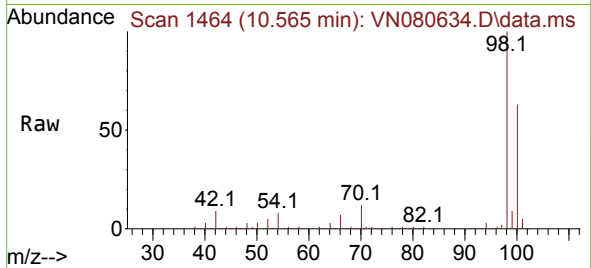




#50
Toluene-d8
Concen: 48.046 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

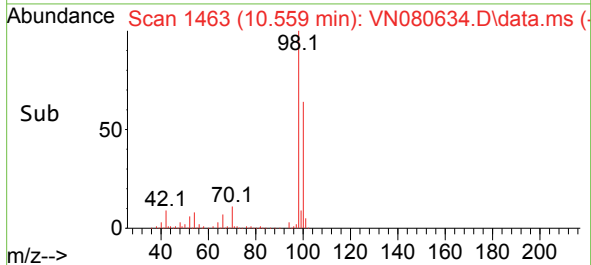
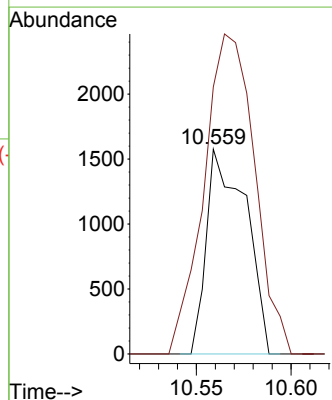
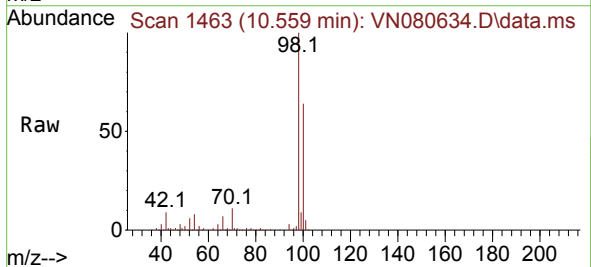
Instrument :
MSVOA_N
ClientSampleId :

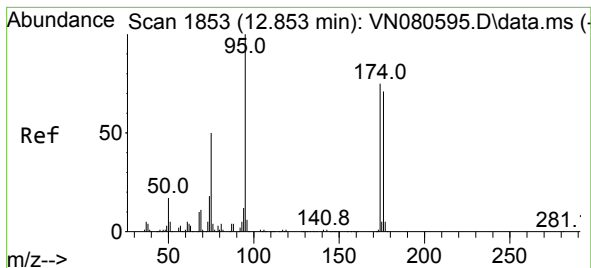
Tgt Ion: 98 Resp: 637260
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 201.6 36.6 54.8#

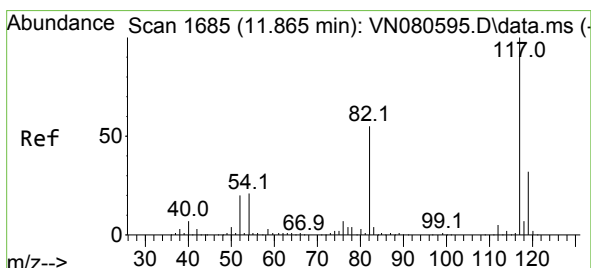
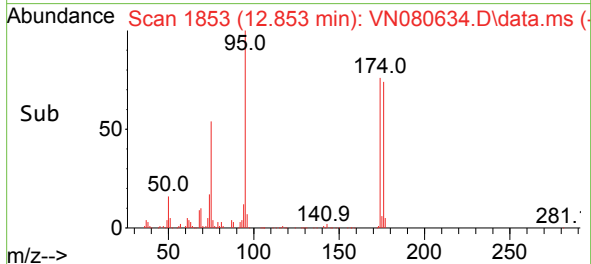
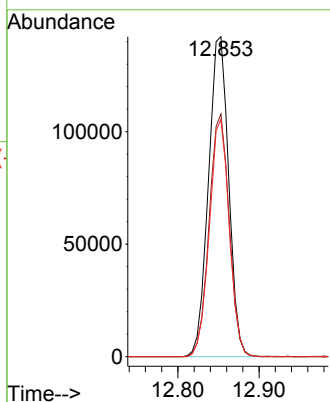
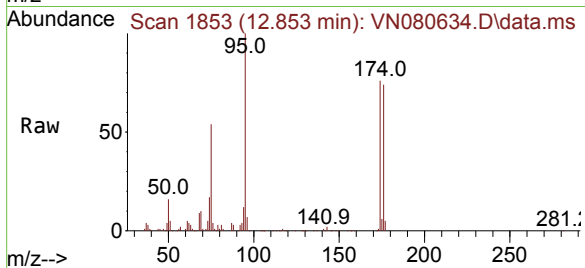




#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

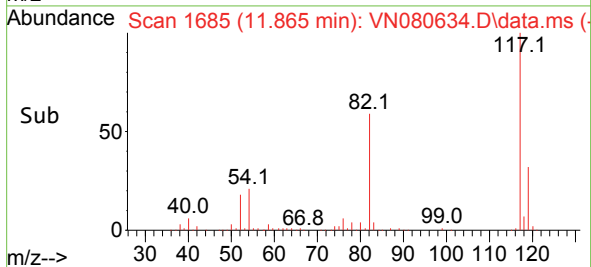
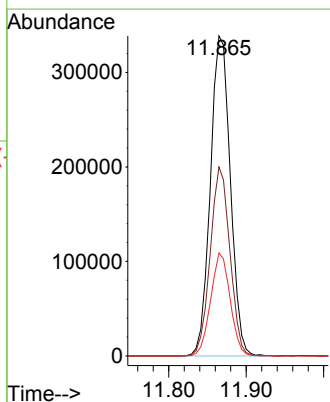
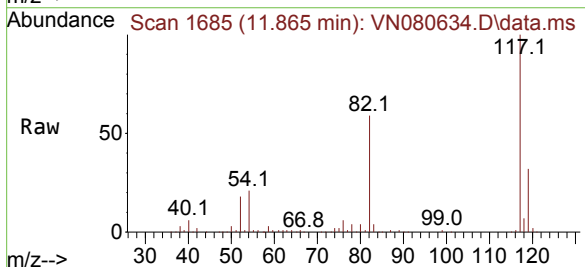
Instrument :
MSVOA_N
ClientSampleId :

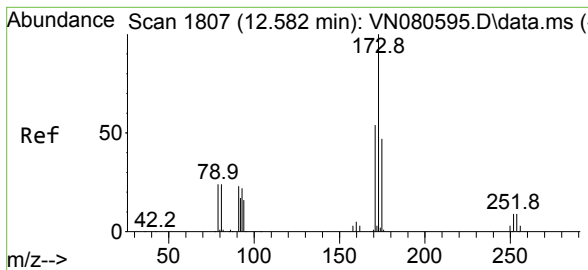
Tgt Ion: 95 Resp: 245857
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion: 117 Resp: 605678
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.398 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN080634.D

Acq: 03 Jan 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

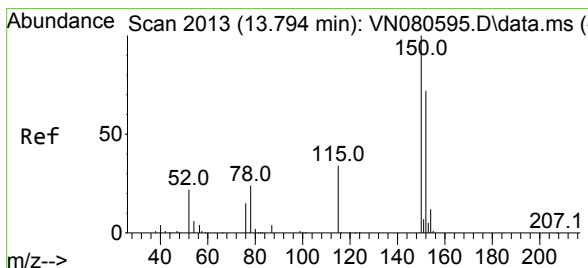
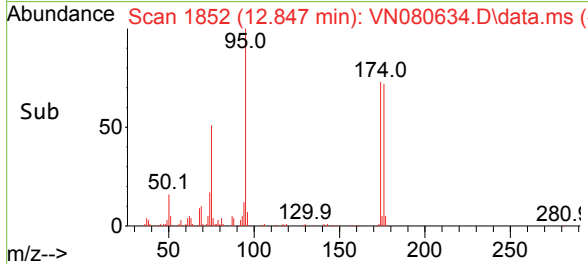
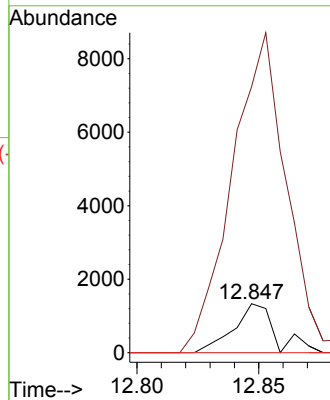
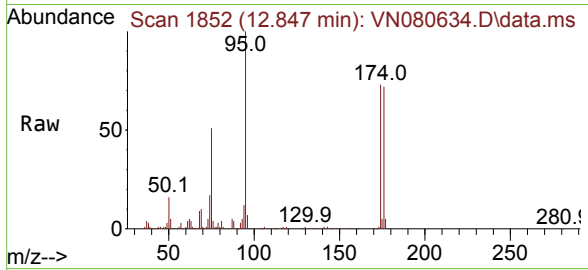
Tgt Ion:173 Resp: 1363

Ion Ratio Lower Upper

173 100

175 851.4 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: VN080634.D

Acq: 03 Jan 2024 12:46

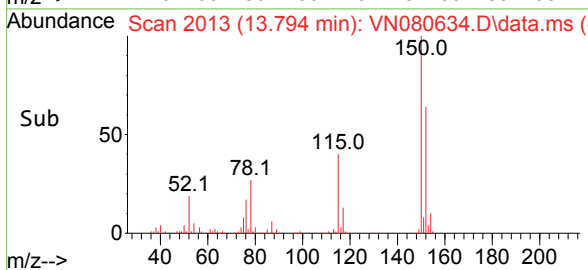
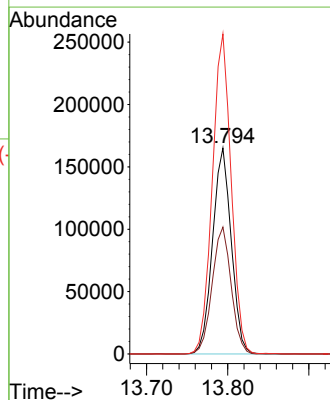
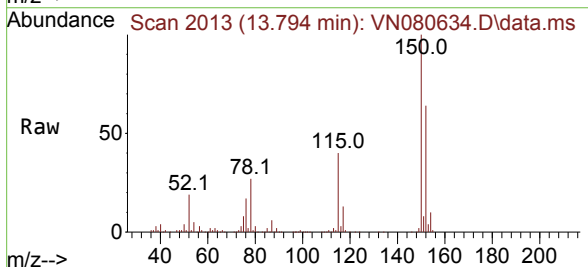
Tgt Ion:152 Resp: 263902

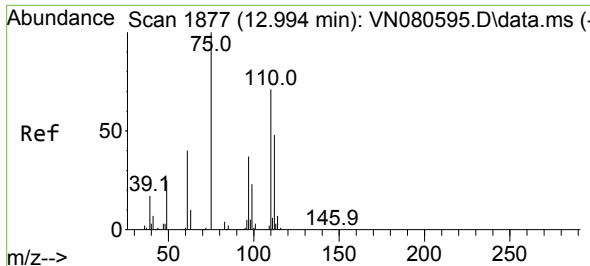
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 156.3 0.0 355.8

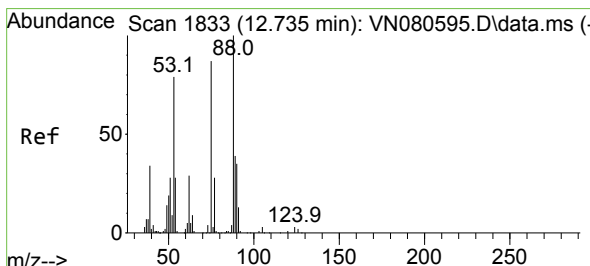
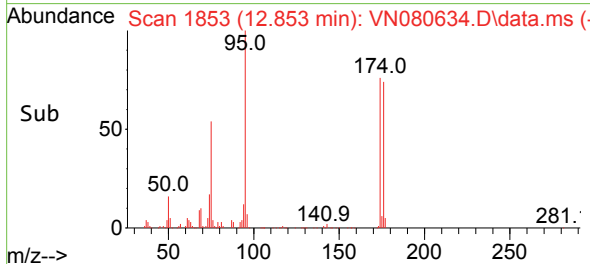
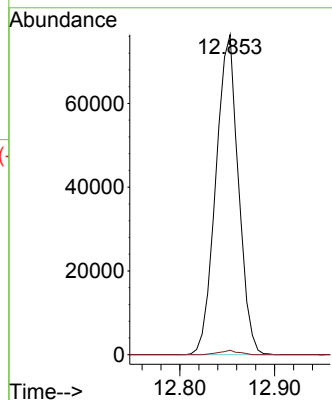
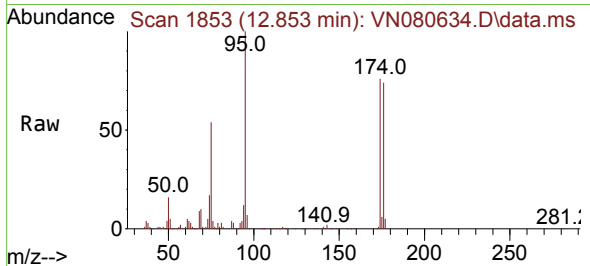




#76
1,2,3-Trichloropropane
Concen: 22.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

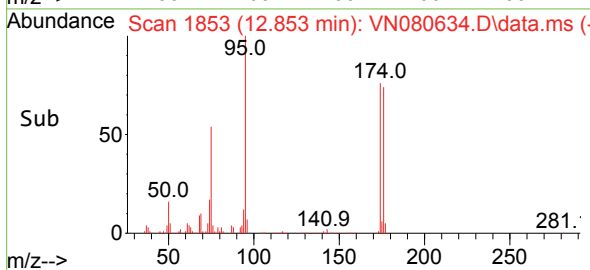
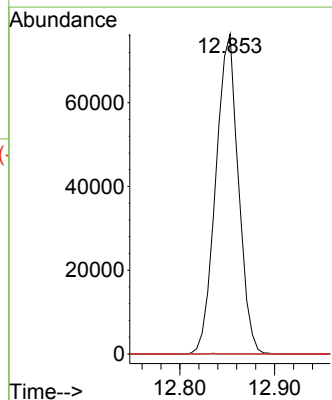
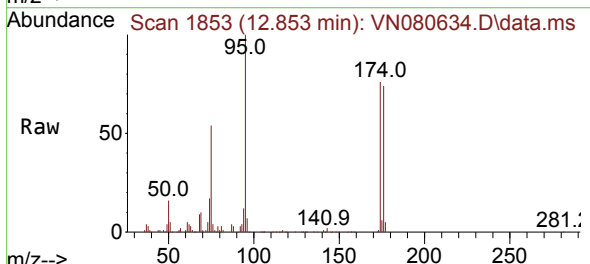
Instrument :
MSVOA_N
ClientSampleId :

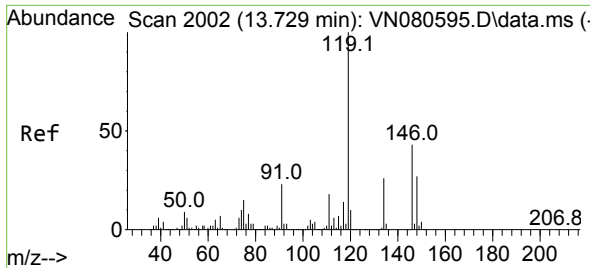
Tgt Ion: 75 Resp: 126488
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.363 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion: 75 Resp: 126488
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

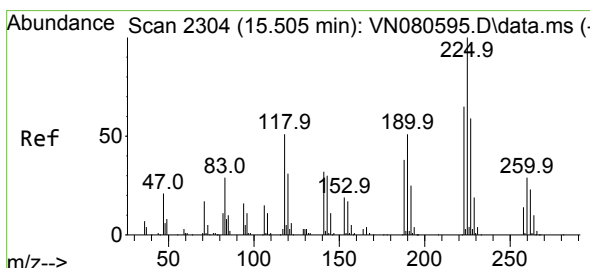
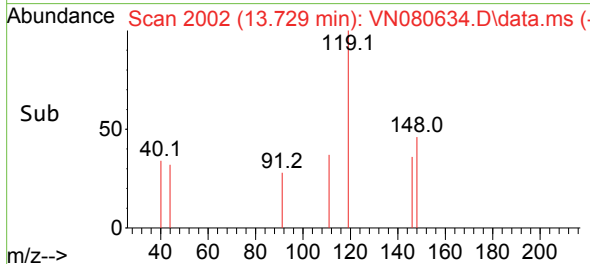
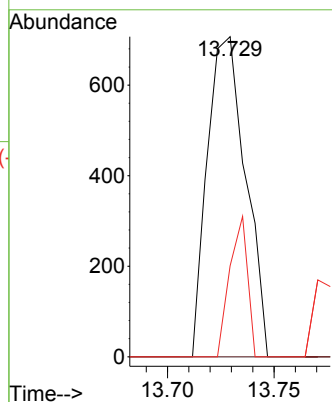
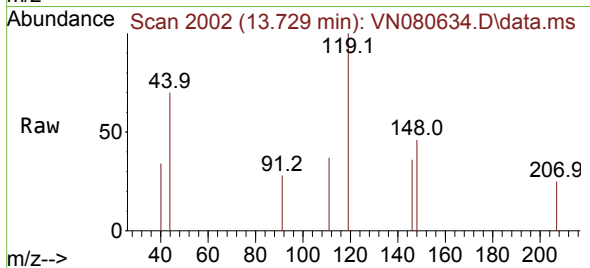




#86
p-Isopropyltoluene
Concen: 0.512 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 883
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 20.4 12.4 37.2



#94
Hexachlorobutadiene
Concen: 0.460 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080634.D
Acq: 03 Jan 2024 12:46

Tgt Ion:225 Resp: 1045
Ion Ratio Lower Upper
225 100
223 56.1 31.3 93.8
227 56.8 31.9 95.9

