

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080712.D
 Acq On : 15 Jan 2024 13:04
 Operator : JC\MD
 Sample : VN0115WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 00:40:24 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

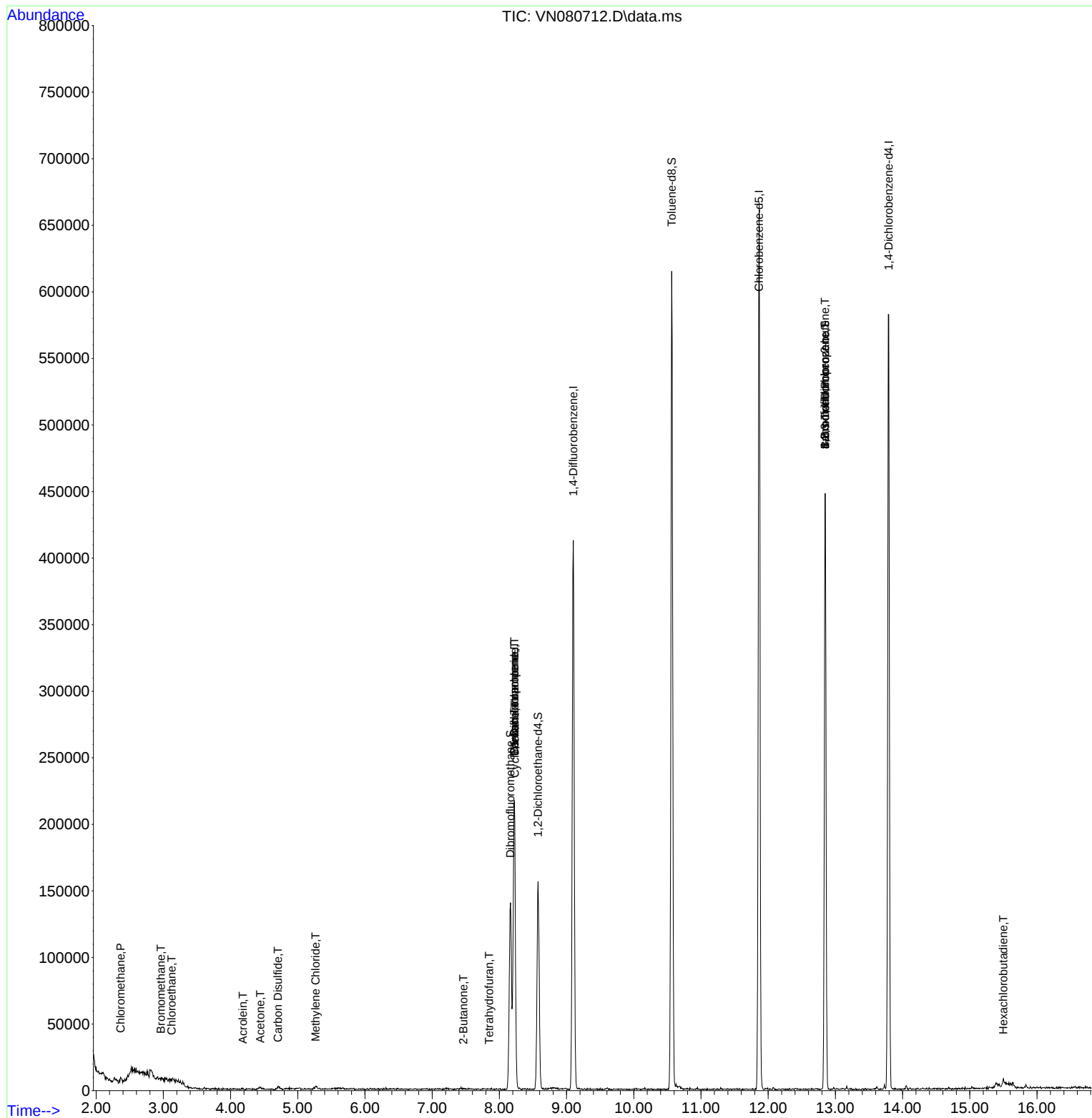
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	146570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119713	46.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	8.165	113	101958	53.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.380%
50) Toluene-d8	10.565	98	403666	55.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.460%
62) 4-Bromofluorobenzene	12.847	95	162508	57.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2557	0.296	ug/l #	79
5) Bromomethane	2.965	94	449	0.547	ug/l #	4
6) Chloroethane	3.124	64	859	0.412	ug/l #	75
13) Acrolein	4.183	56	465	1.278	ug/l #	16
16) Acetone	4.442	43	3099	3.667	ug/l	90
17) Carbon Disulfide	4.706	76	1557	0.233	ug/l #	72
20) Methylene Chloride	5.265	84	1082	0.439	ug/l #	80
25) 2-Butanone	7.465	43	598	0.391	ug/l #	37
29) Tetrahydrofuran	7.847	42	252	0.245	ug/l #	20
31) Cyclohexane	8.229	56	4728	1.189	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15301	3.897	ug/l #	47
38) Carbon Tetrachloride	8.224	117	16780	4.760	ug/l #	15
71) Bromoform	12.847	173	935	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	89412	20.383	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89412	48.051	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.947	75	113	Below Cal	#	4
94) Hexachlorobutadiene	15.500	225	619	0.512	ug/l #	68

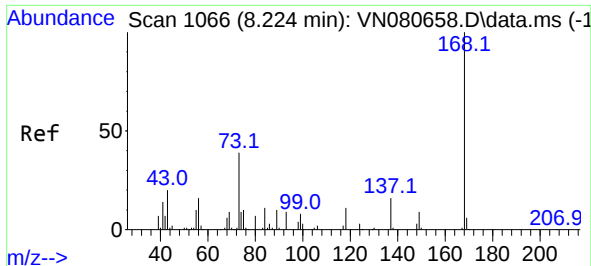
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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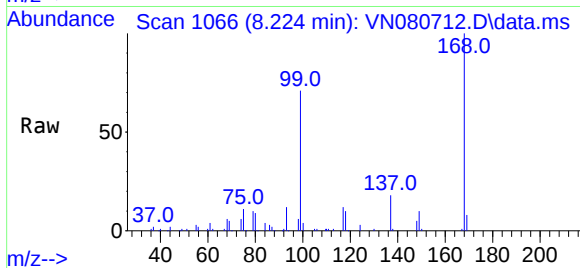
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration



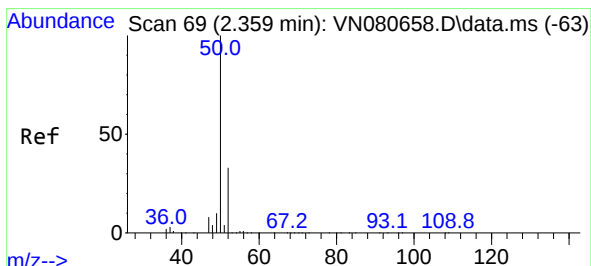
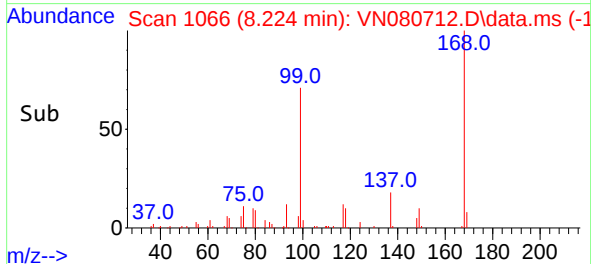
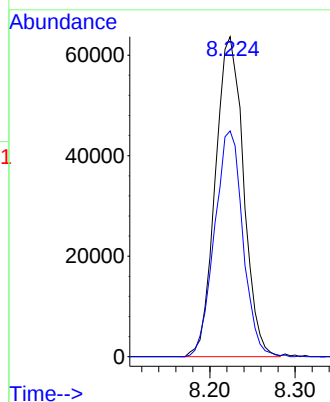


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

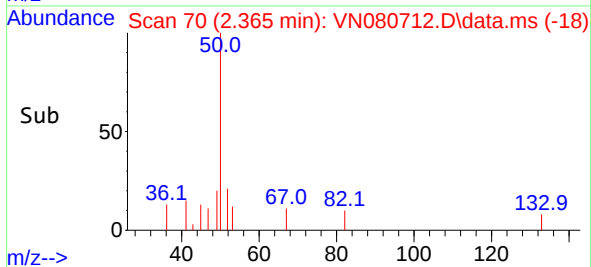
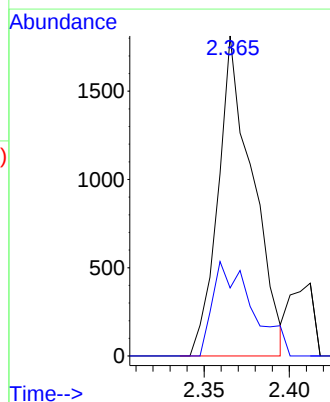
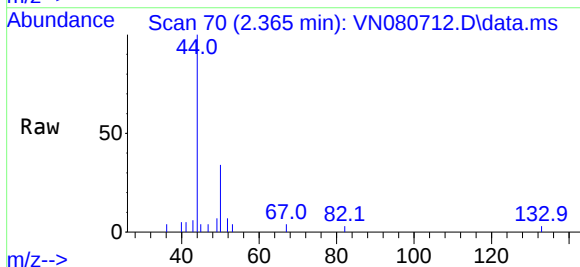


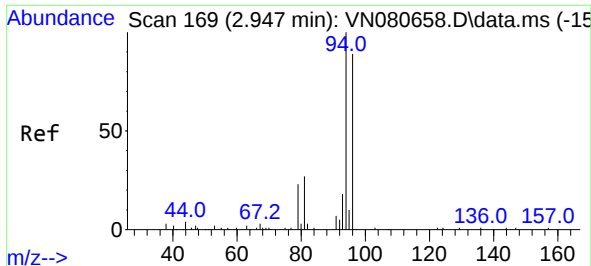
Tgt Ion:168 Resp: 146570
Ion Ratio Lower Upper
168 100
99 70.6 53.0 79.6



#3
Chloromethane
Concen: 0.296 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion: 50 Resp: 2557
Ion Ratio Lower Upper
50 100
52 21.3 26.5 39.7#

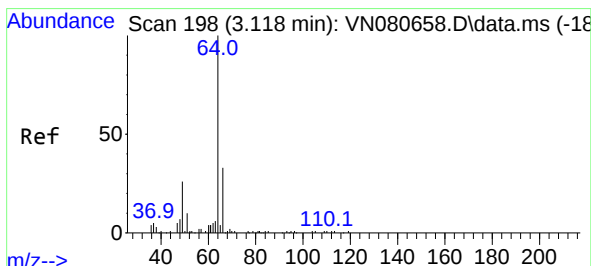
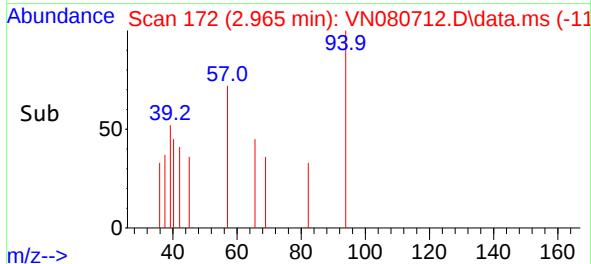
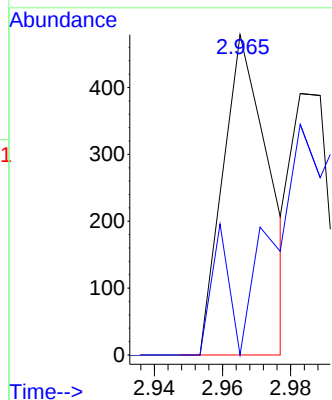
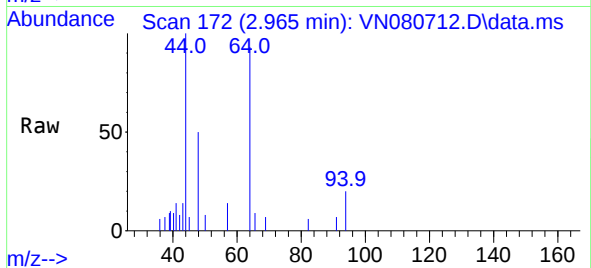




#5
Bromomethane
Concen: 0.547 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

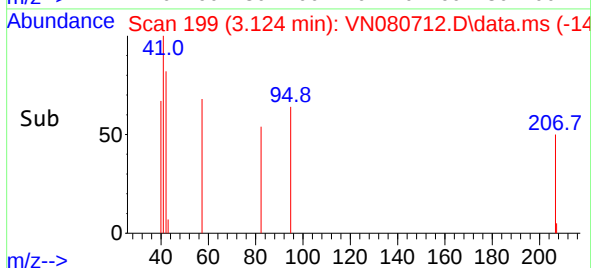
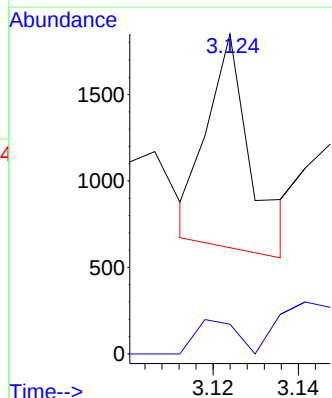
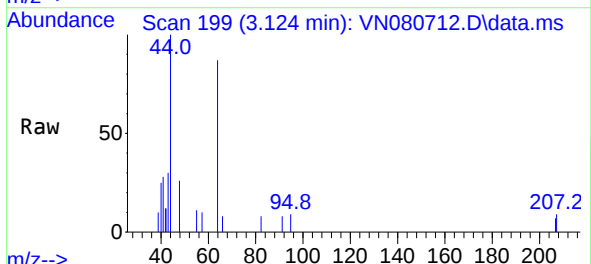
Instrument :
MSVOA_N
ClientSampleId :

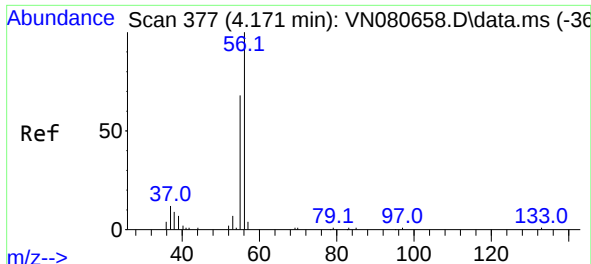
Tgt Ion: 94 Resp: 449
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: 0.412 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion: 64 Resp: 859
Ion Ratio Lower Upper
64 100
66 17.7 25.4 38.2#

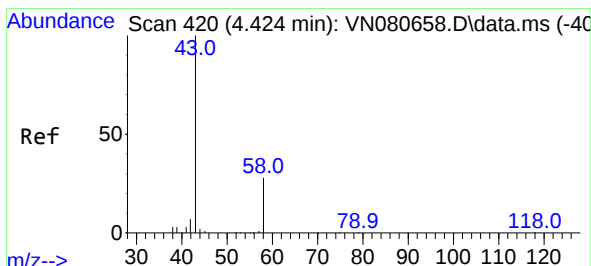
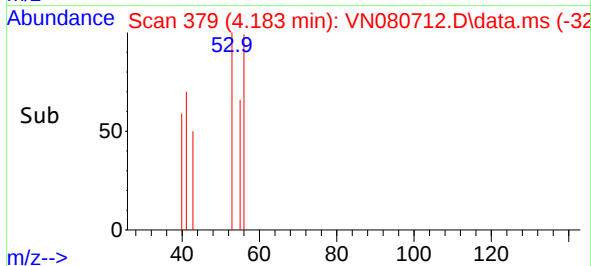
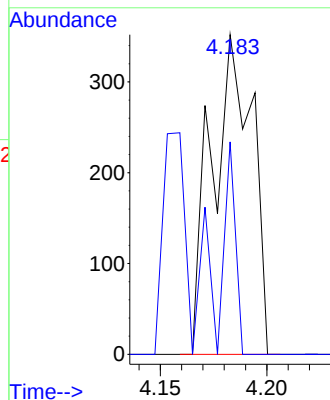
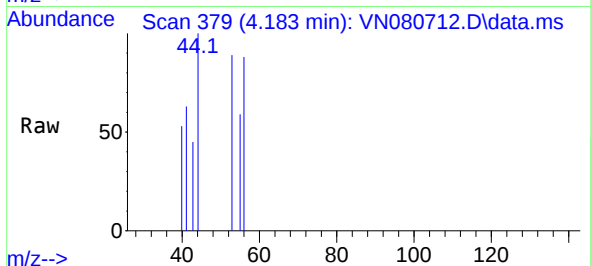




#13
Acrolein
Concen: 1.278 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

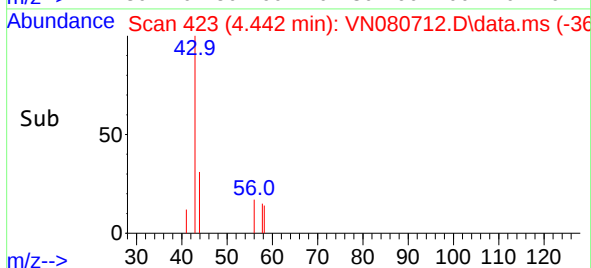
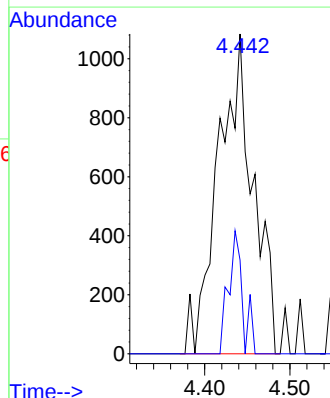
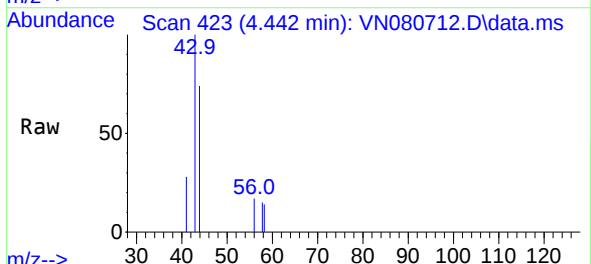
Instrument :
MSVOA_N
ClientSampleId :

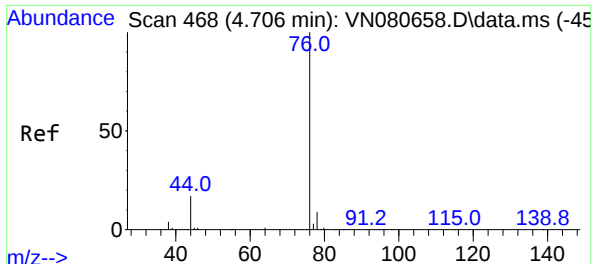
Tgt Ion: 56 Resp: 465
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 3.667 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

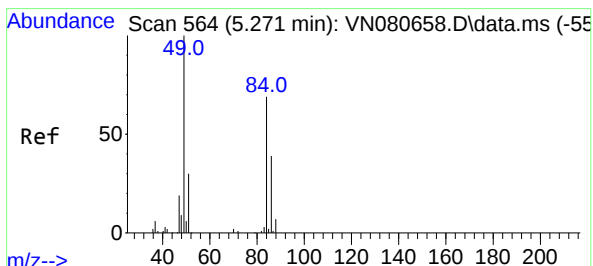
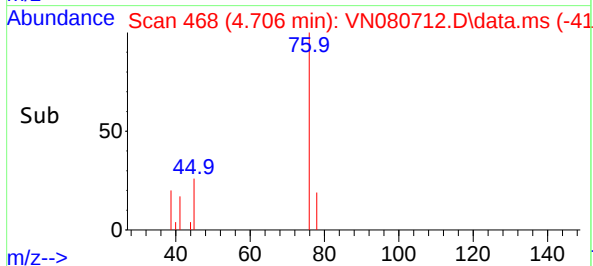
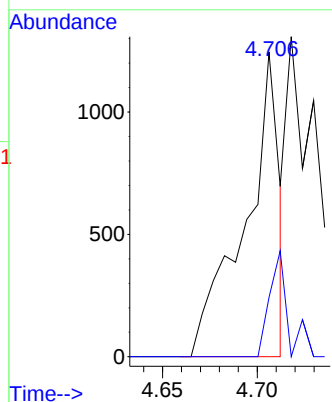
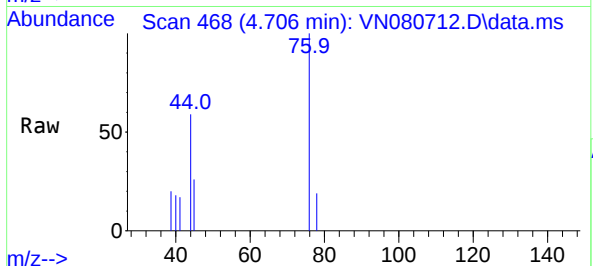




#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

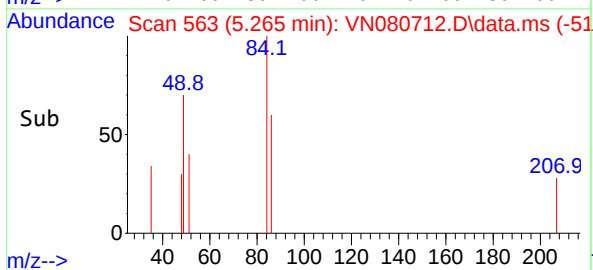
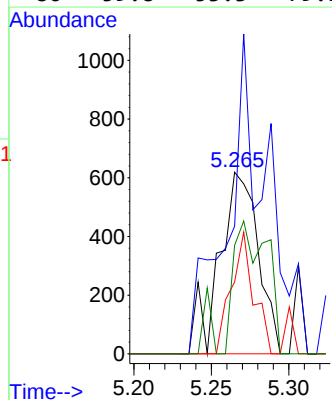
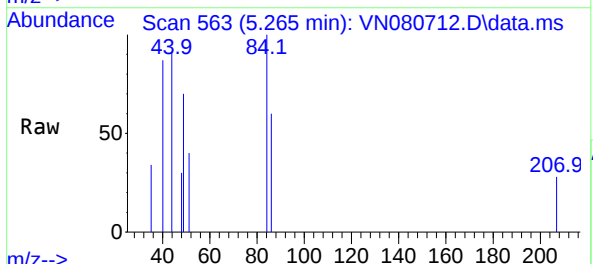
Instrument :
MSVOA_N
ClientSampleId :

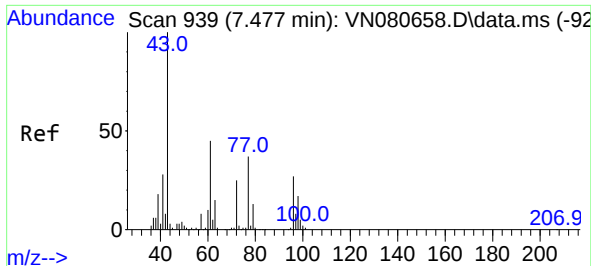
Tgt Ion: 76 Resp: 1557
Ion Ratio Lower Upper
76 100
78 19.4 7.4 11.0#



#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

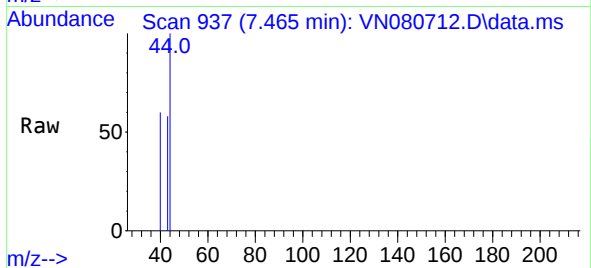
Tgt Ion: 84 Resp: 1082
Ion Ratio Lower Upper
84 100
49 70.3 79.7 119.5#
51 39.6 25.2 37.8#
86 59.8 53.3 79.9



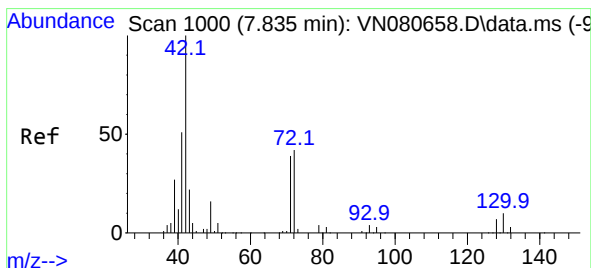
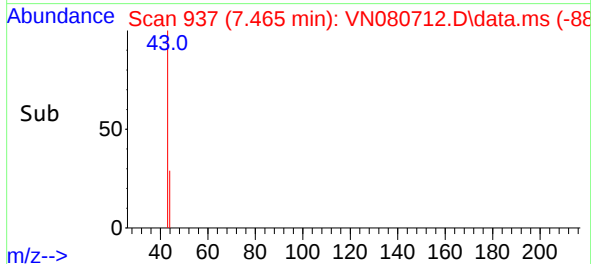
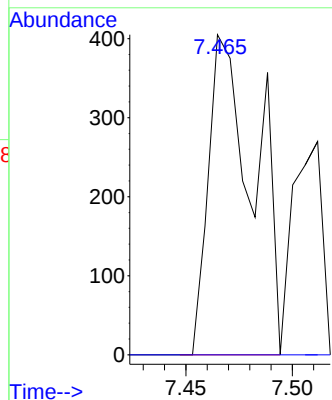


#25
2-Butanone
Concen: 0.391 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

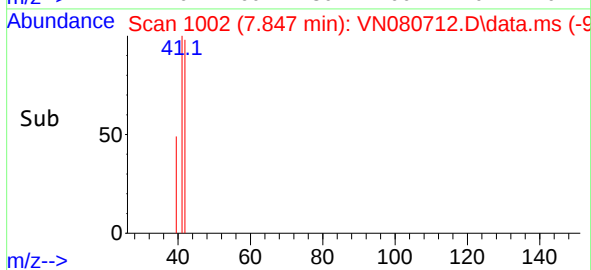
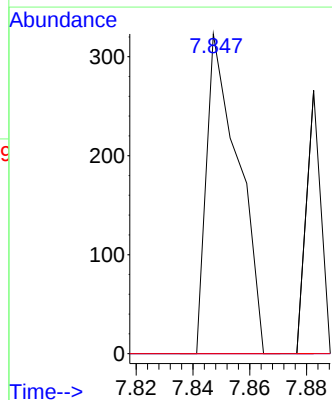
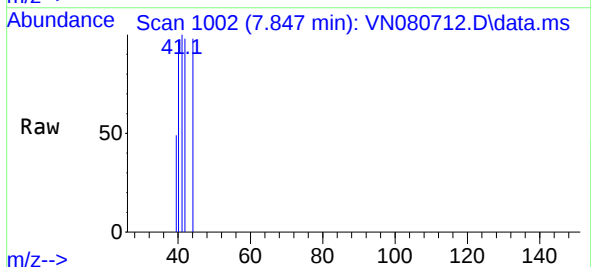


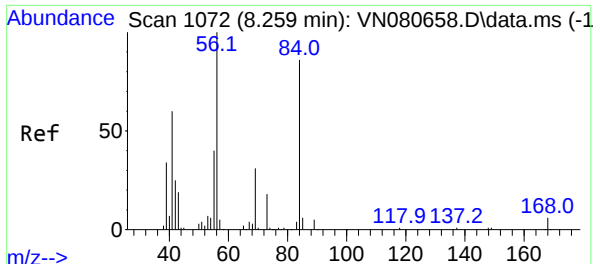
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.245 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

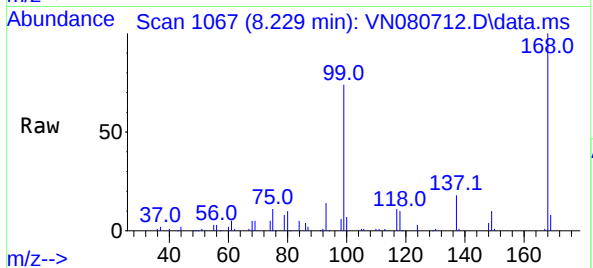
Tgt Ion: 42 Resp: 252
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



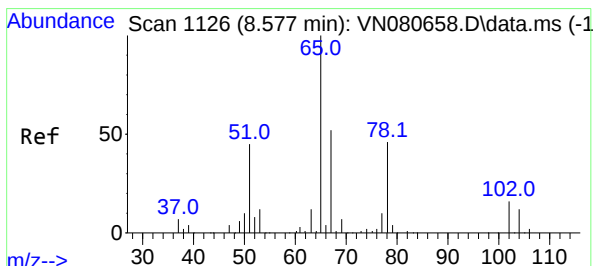
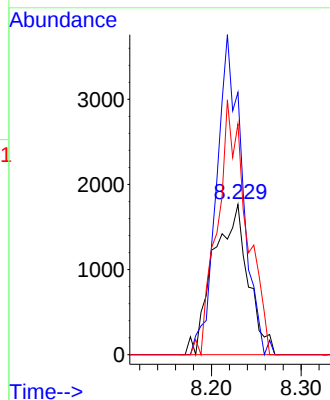
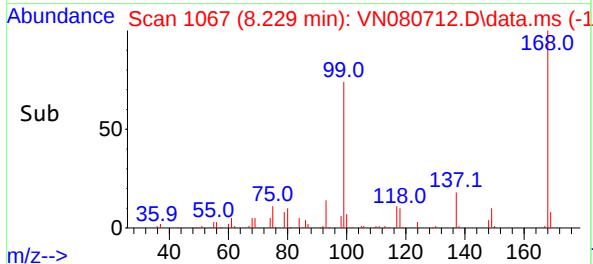


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

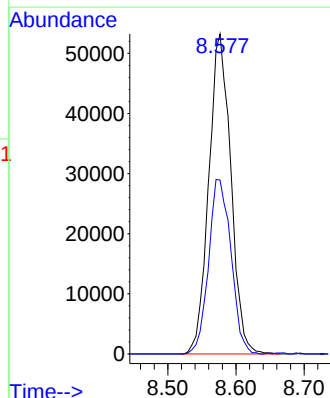
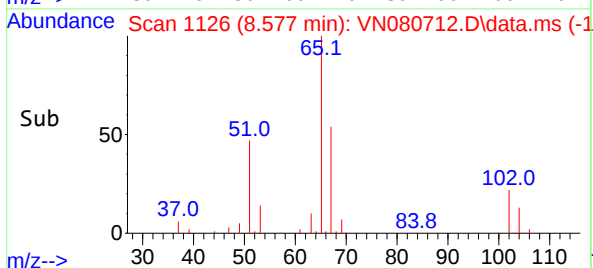
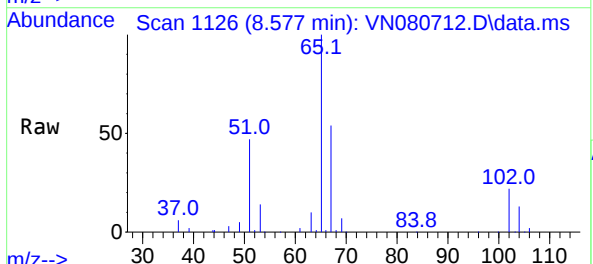


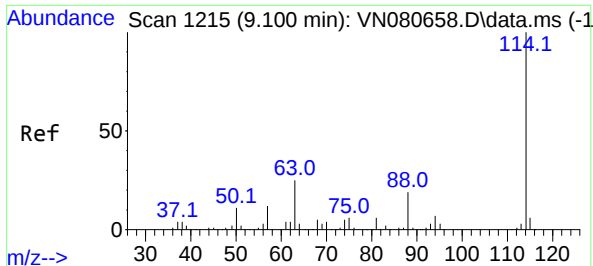
Tgt Ion: 56 Resp: 4728
Ion Ratio Lower Upper
56 100
69 174.5 26.8 40.2#
84 153.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.510 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion: 65 Resp: 119713
Ion Ratio Lower Upper
65 100
67 55.3 0.0 106.6

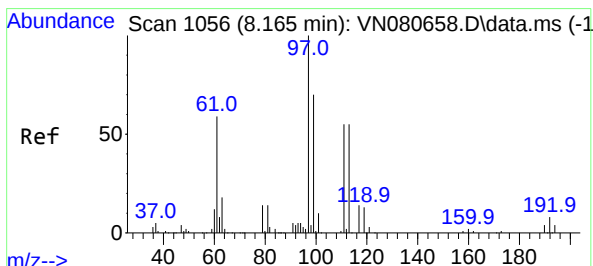
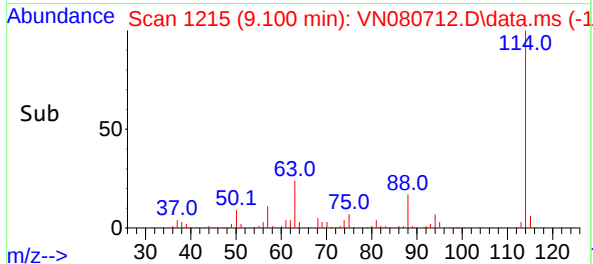
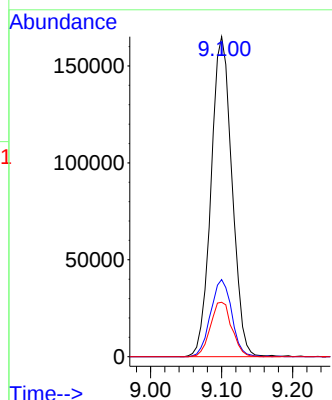
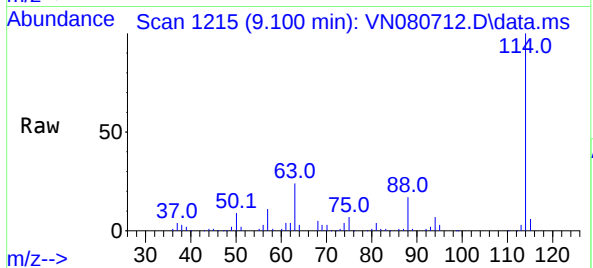




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

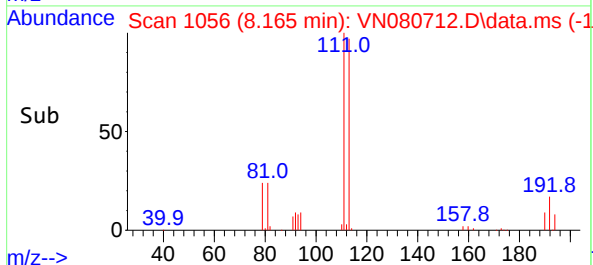
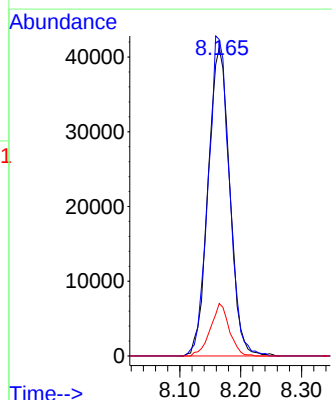
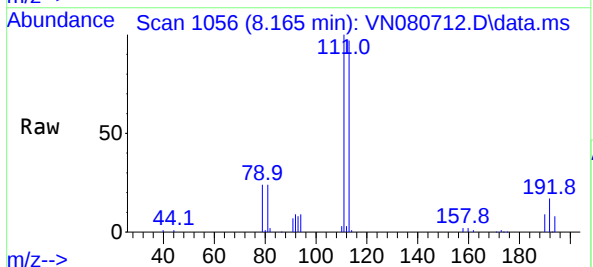
Instrument :
MSVOA_N
ClientSampleId :

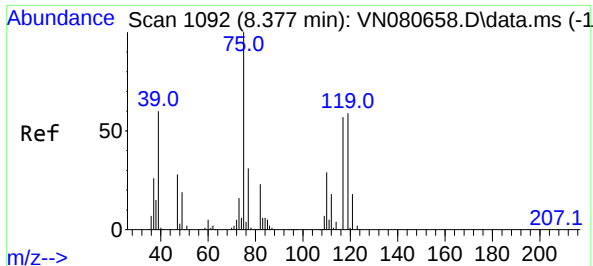
Tgt Ion:114 Resp: 337369
Ion Ratio Lower Upper
114 100
63 24.1 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.190 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion:113 Resp: 101958
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 14.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 3.897 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

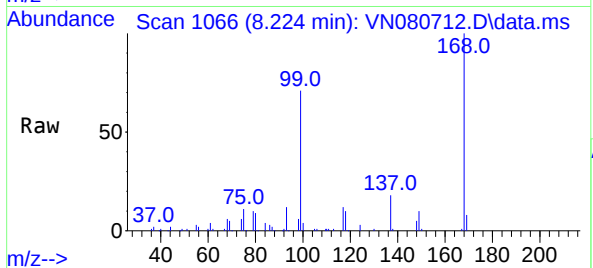
Lab File: VN080712.D

Acq: 15 Jan 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :



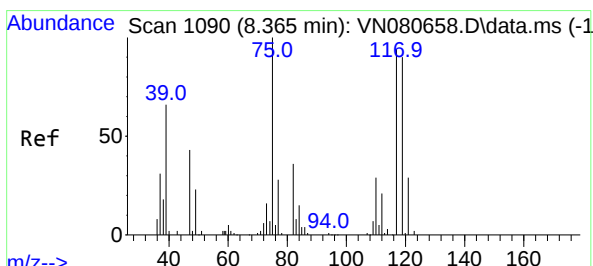
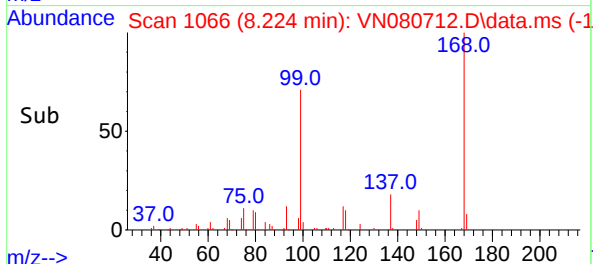
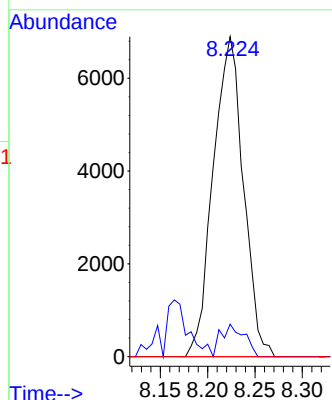
Tgt Ion: 75 Resp: 15301

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.760 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080712.D

Acq: 15 Jan 2024 13:04

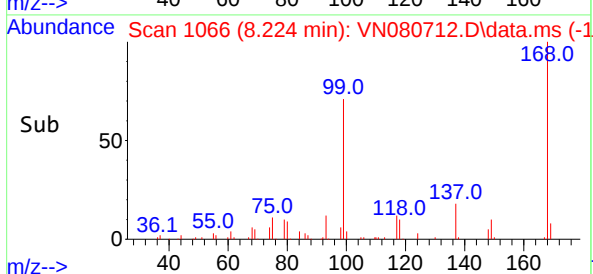
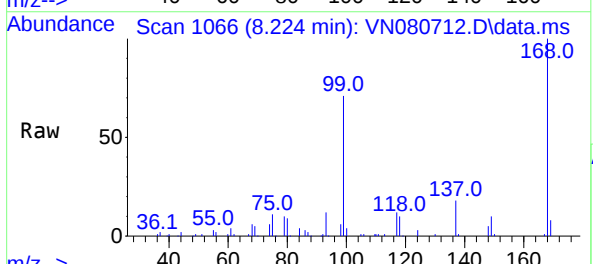
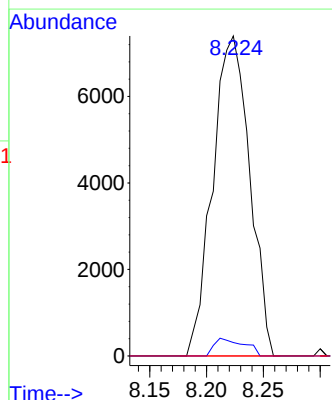
Tgt Ion: 117 Resp: 16780

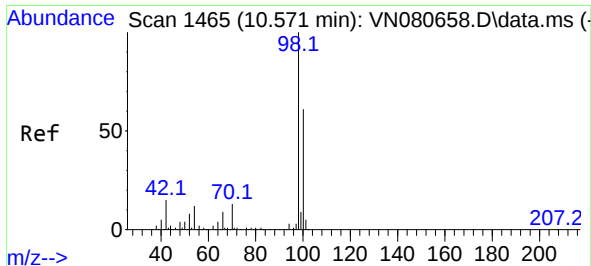
Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 23.3 34.9#

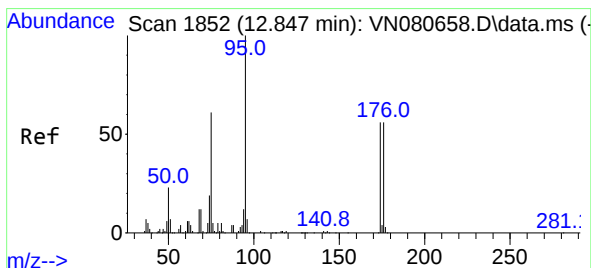
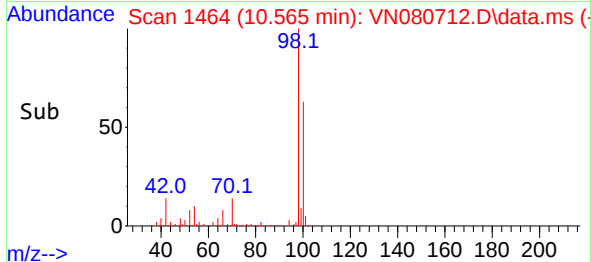
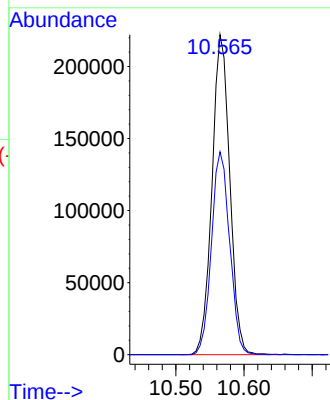
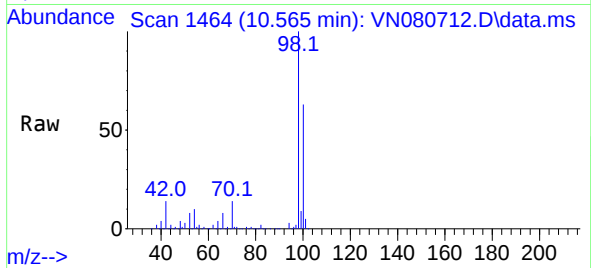




#50
Toluene-d8
Concen: 55.228 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

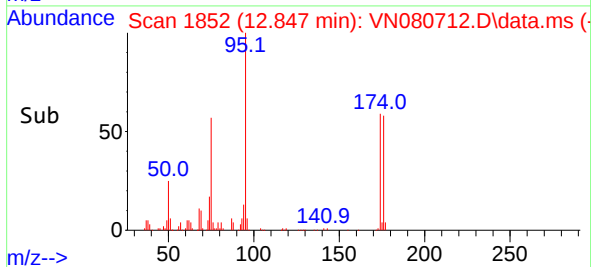
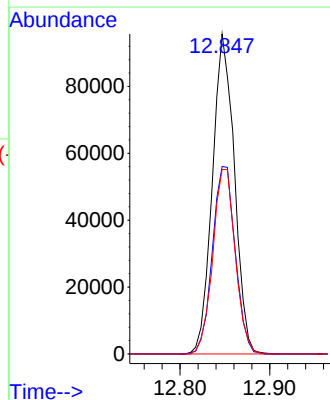
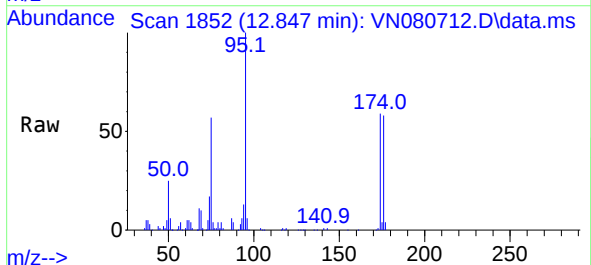
Instrument :
MSVOA_N
ClientSampleId :

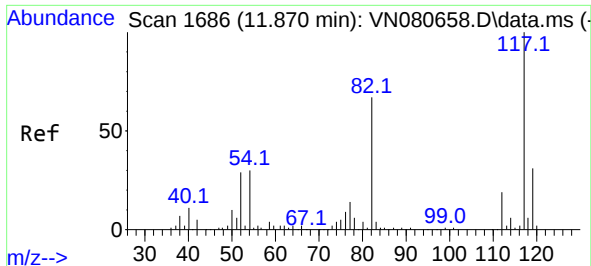
Tgt Ion: 98 Resp: 403666
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.979 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

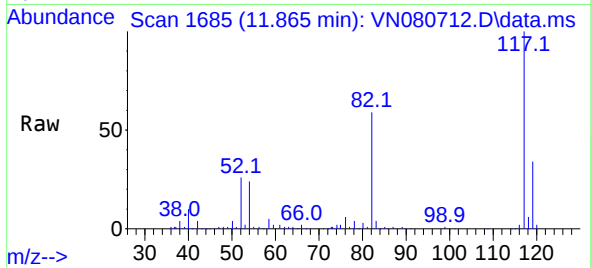
Tgt Ion: 95 Resp: 162508
Ion Ratio Lower Upper
95 100
174 60.8 0.0 143.8
176 59.0 0.0 135.8



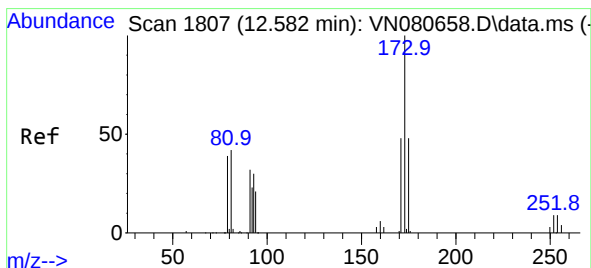
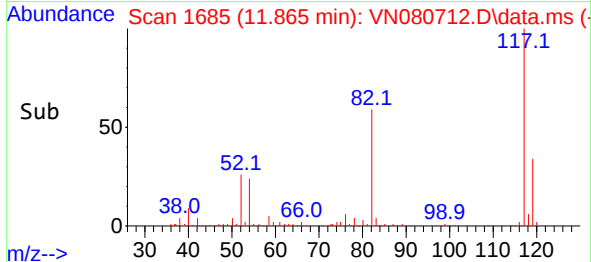
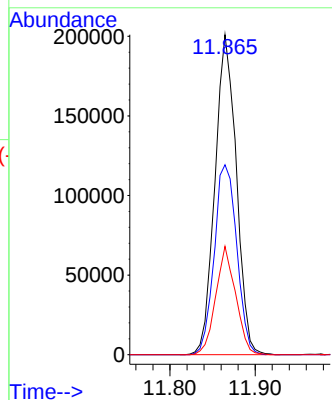


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

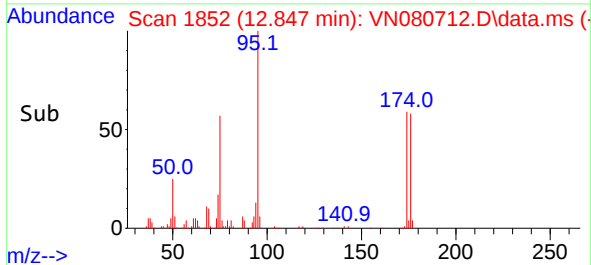
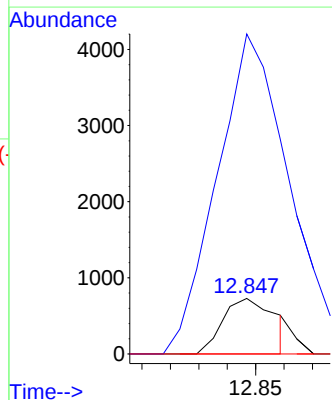
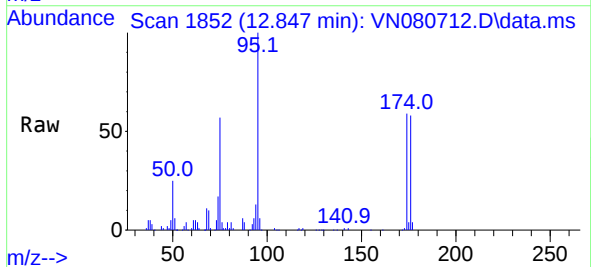


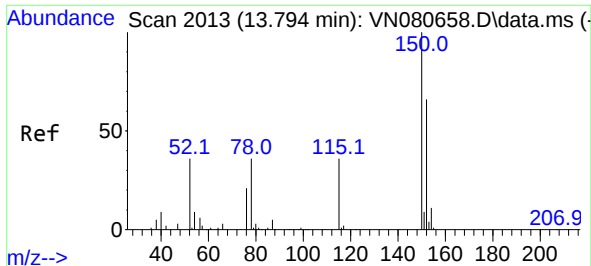
Tgt Ion:117 Resp: 350538
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 33.8 25.6 38.4



#71
Bromoform
Concen: 0.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

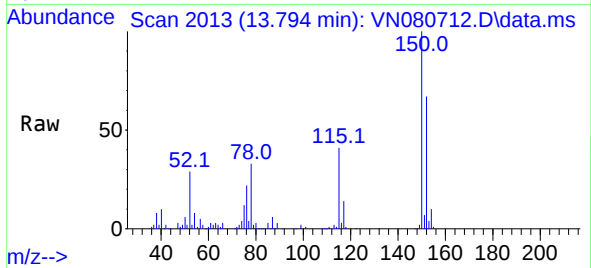
Tgt Ion:173 Resp: 935
Ion Ratio Lower Upper
173 100
175 658.4 24.3 73.0#
254 0.0 0.0 0.0



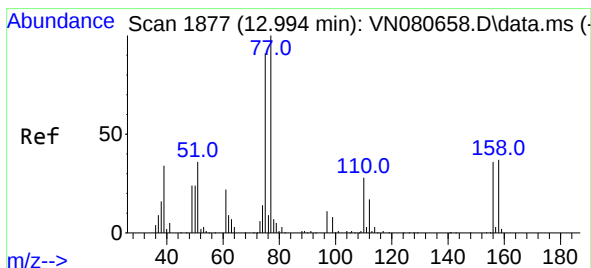
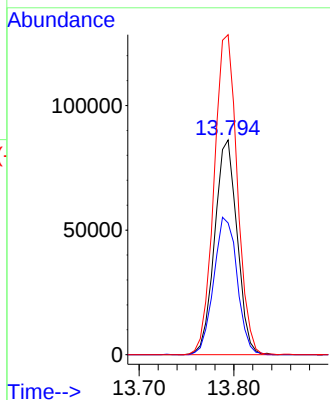
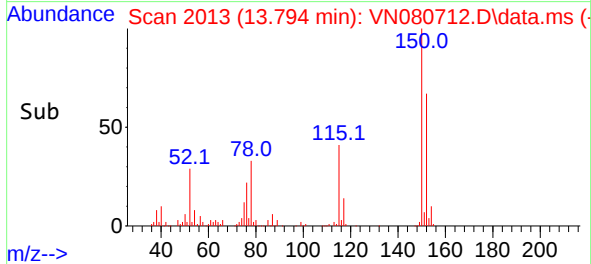


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

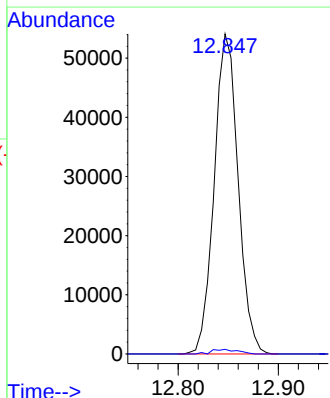
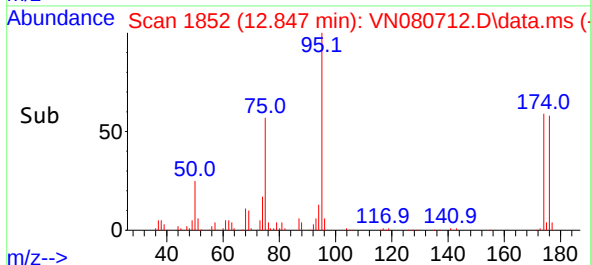
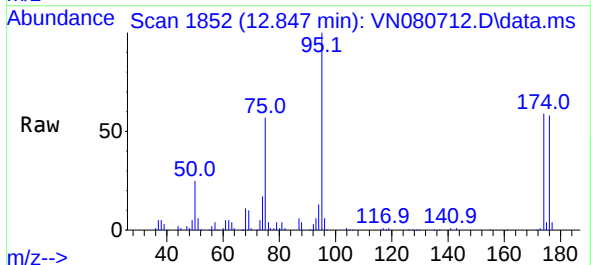


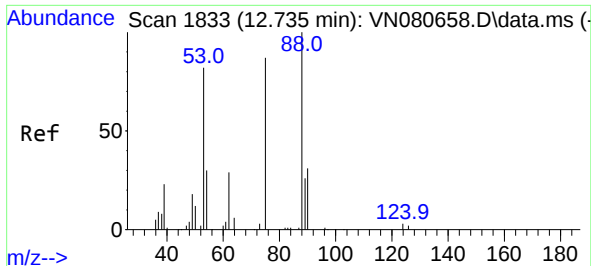
Tgt Ion:152 Resp: 142258
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 153.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 20.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

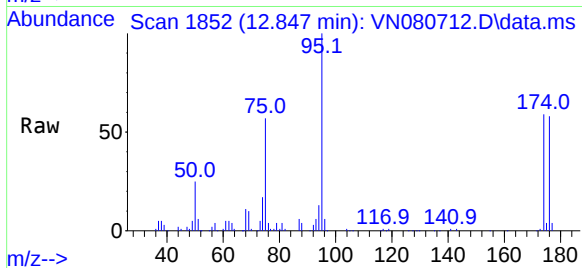
Tgt Ion: 75 Resp: 89412
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



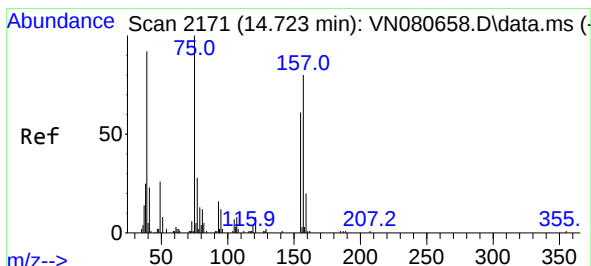
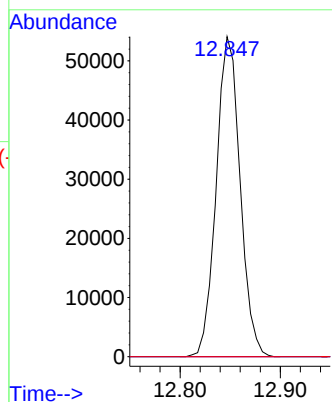
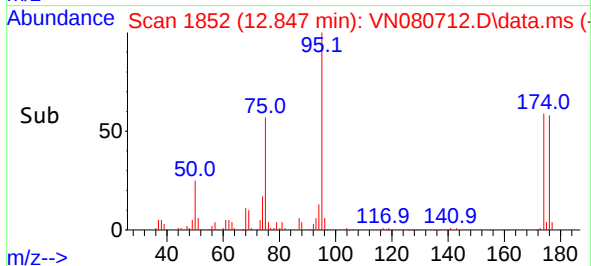


#81
trans-1,4-Dichloro-2-butene
Concen: 48.051 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

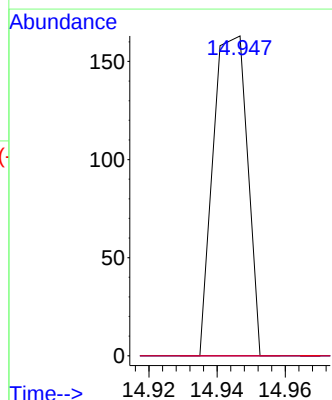
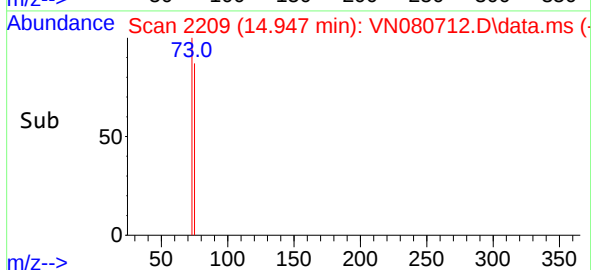
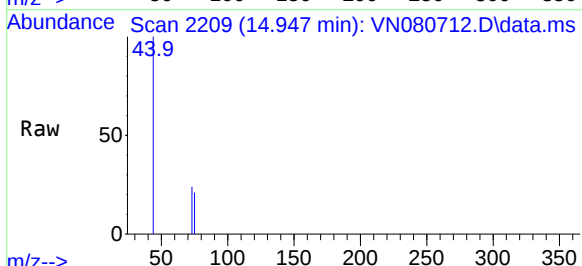


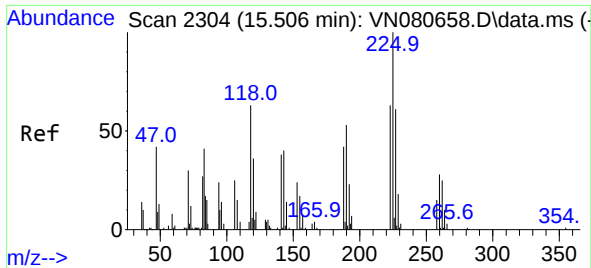
Tgt Ion: 75 Resp: 89412
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.947 min Scan# 2209
Delta R.T. 0.224 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#





#94
Hexachlorobutadiene
Concen: 0.512 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080712.D
Acq: 15 Jan 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	225	Resp:	619
Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	93.8
227	110.5	31.9	95.9#

