

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080717.D
 Acq On : 15 Jan 2024 15:55
 Operator : JC\MD
 Sample : P1144-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 00:42:08 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)

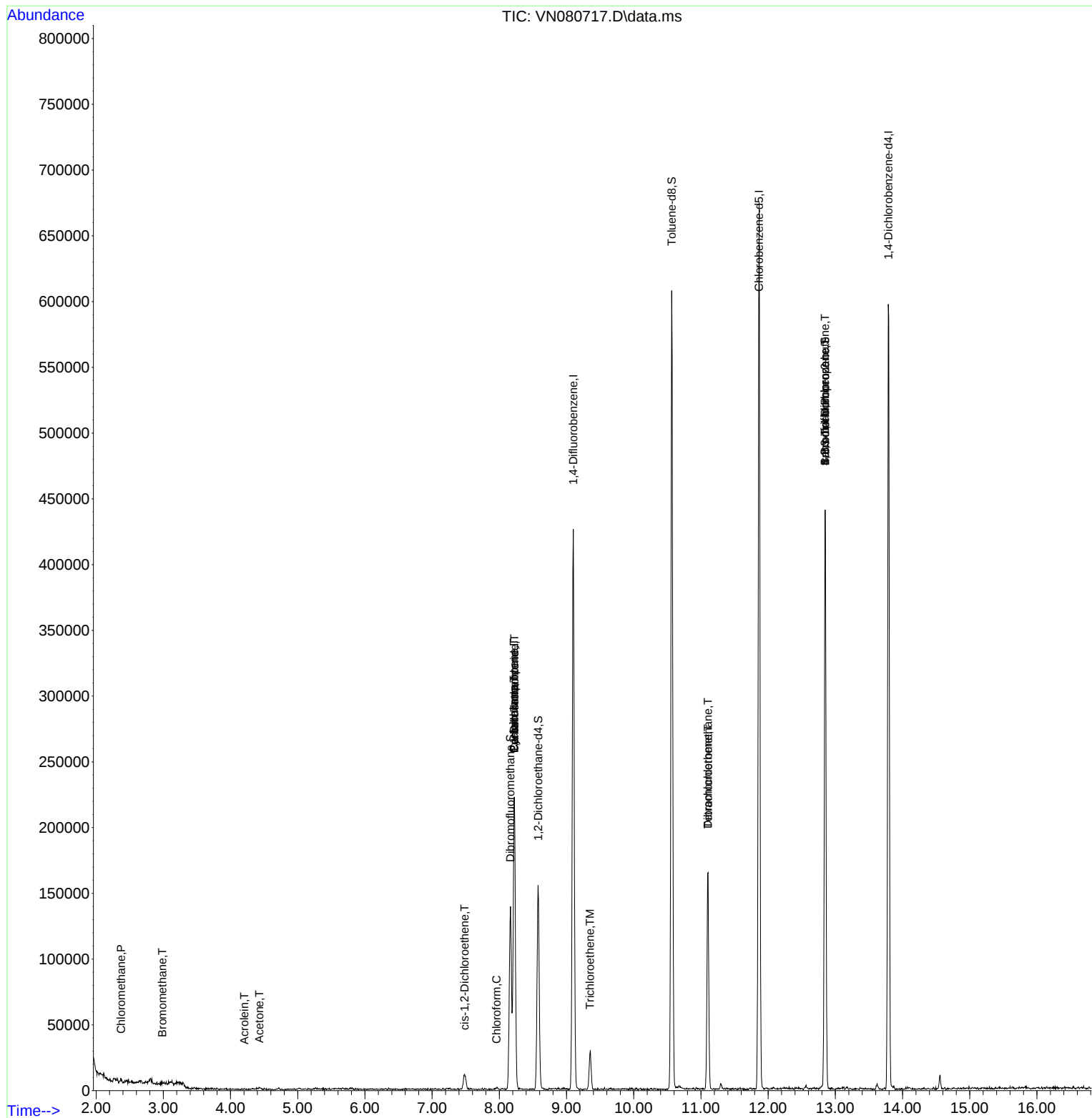
Internal Standards						
1) Pentafluorobenzene	8.224	168	148522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115567	44.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.620%
35) Dibromofluoromethane	8.165	113	96028	49.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.565	98	393787	53.427	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.847	95	155146	54.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	2527	0.272	ug/l	89
5) Bromomethane	2.983	94	493	0.592	ug/l #	57
6) Chloroethane	3.124	64	283	Below Cal	#	43
13) Acrolein	4.206	56	143	0.388	ug/l #	78
16) Acetone	4.430	43	3088	3.606	ug/l #	65
27) cis-1,2-Dichloroethene	7.483	96	7170	2.892	ug/l	99
30) Chloroform	7.959	83	1327	0.312	ug/l	96
31) Cyclohexane	8.218	56	4884	1.212	ug/l #	13
36) 1,1-Dichloropropene	8.218	75	15147	3.825	ug/l #	46
38) Carbon Tetrachloride	8.224	117	16580	4.664	ug/l #	16
44) Trichloroethene	9.347	130	9148	3.630	ug/l	98
60) Dibromochloromethane	11.106	129	35131	13.925	ug/l #	11
64) Tetrachloroethene	11.106	164	32631	13.824	ug/l	96
71) Bromoform	12.847	173	433	0.236	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86638	19.513	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86638	46.000	ug/l #	15

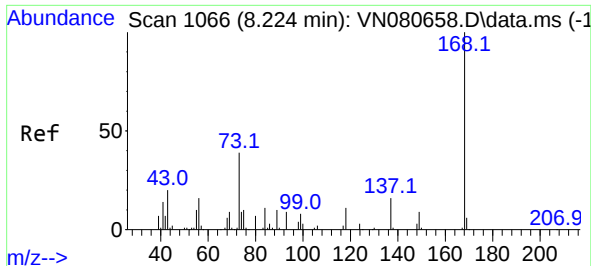
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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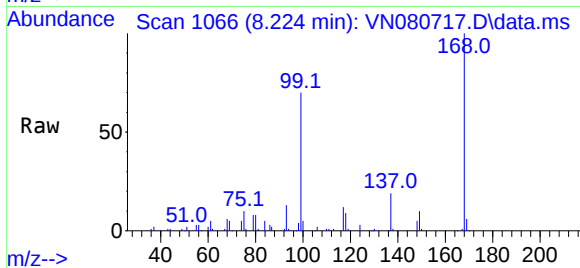
Quant Time: Jan 16 00:42:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration



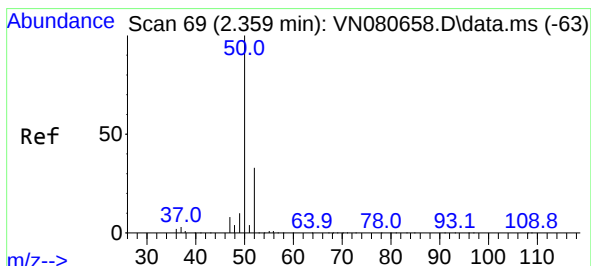
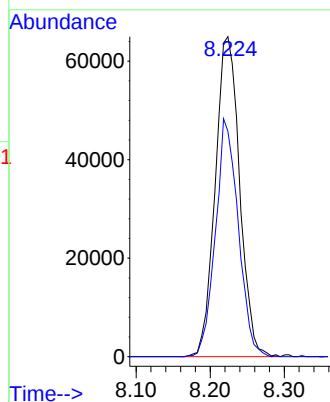
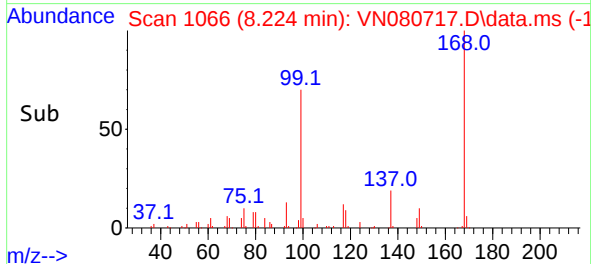


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

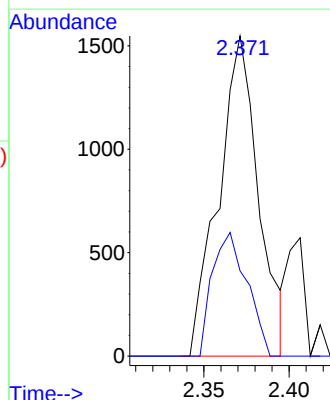
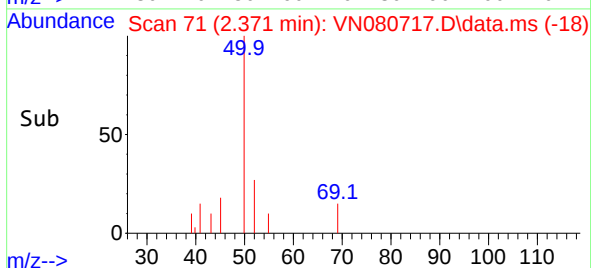
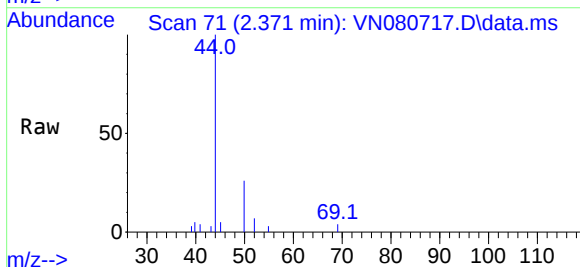


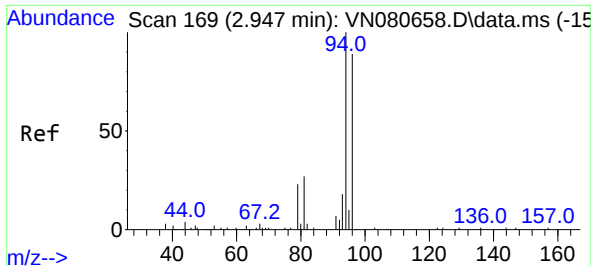
Tgt Ion:168 Resp: 148522
Ion Ratio Lower Upper
168 100
99 70.5 53.0 79.6



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Tgt Ion: 50 Resp: 2527
Ion Ratio Lower Upper
50 100
52 26.6 26.5 39.7

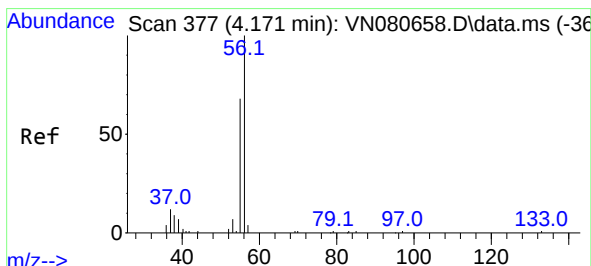
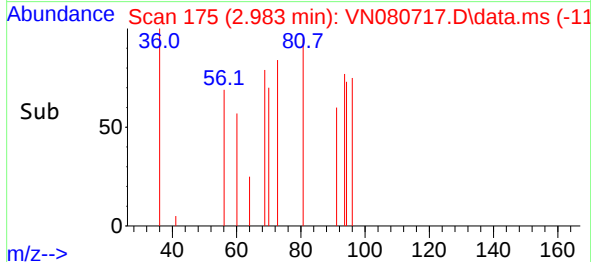
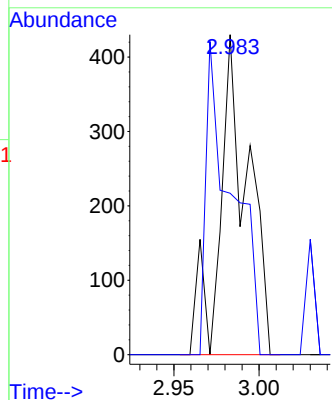
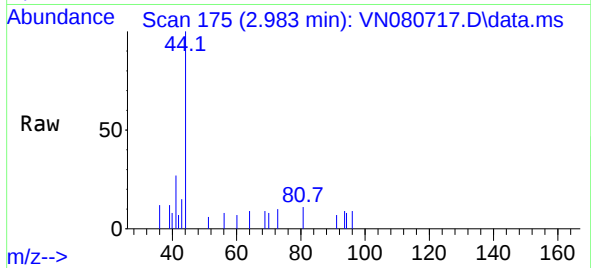




#5
Bromomethane
Concen: 0.592 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

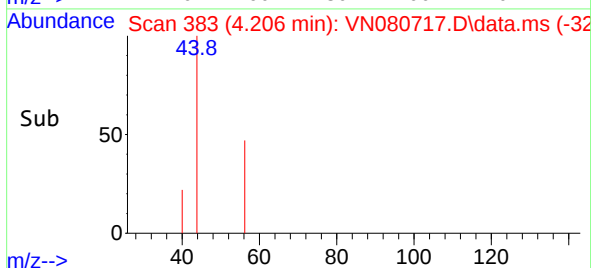
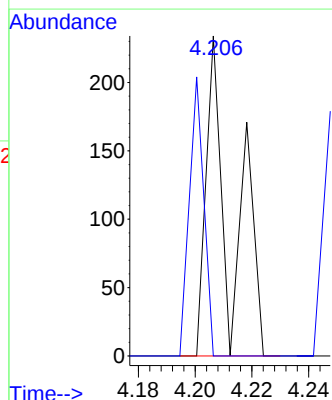
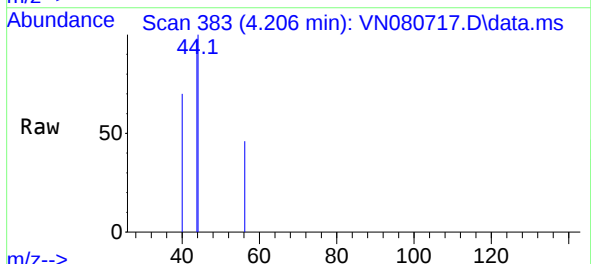
Instrument :
MSVOA_N
ClientSampleId :

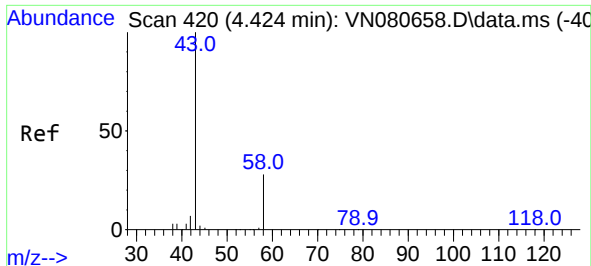
Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 50.5 73.1 109.7#



#13
Acrolein
Concen: 0.388 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.035 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 50.3 54.5 81.7#

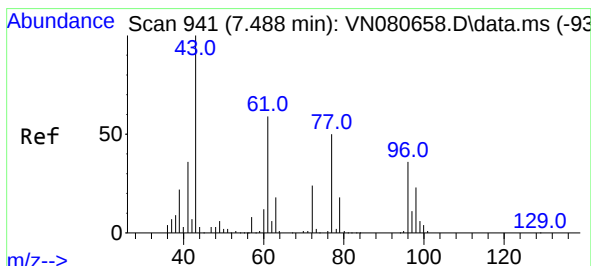
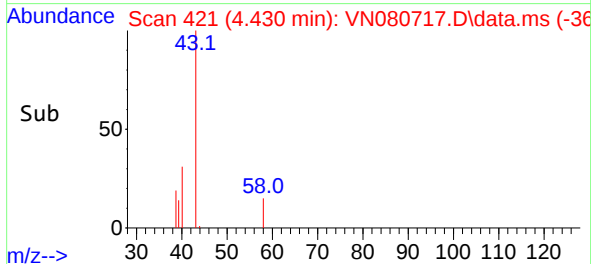
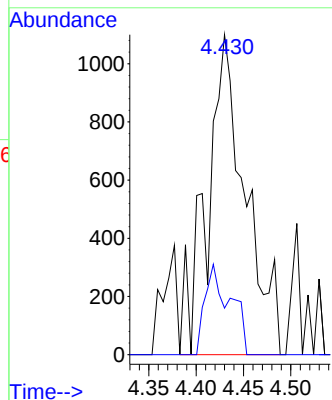
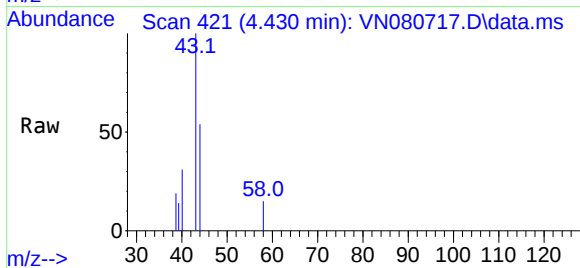




#16
Acetone
Concen: 3.606 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

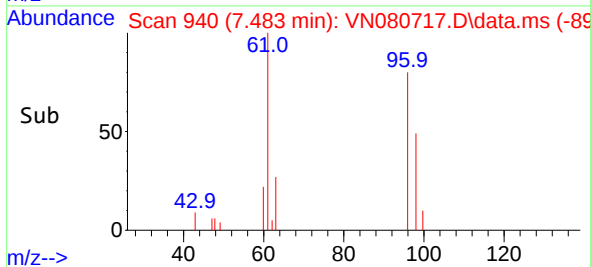
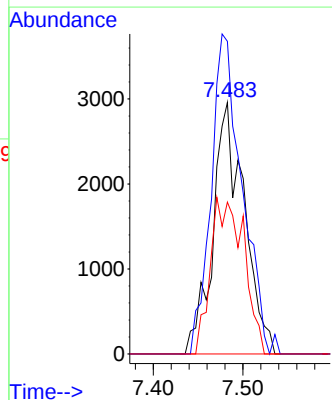
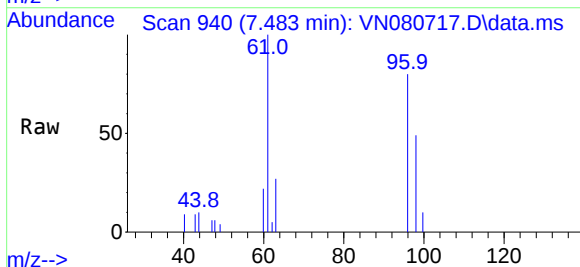
Instrument :
MSVOA_N
ClientSampleId :

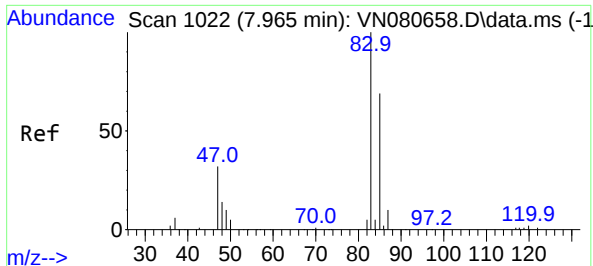
Tgt Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
58 14.5 28.0 42.0#



#27
cis-1,2-Dichloroethene
Concen: 2.892 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Tgt Ion: 96 Resp: 7170
Ion Ratio Lower Upper
96 100
61 126.1 0.0 255.2
98 65.8 0.0 128.8





#30

Chloroform

Concen: 0.312 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080717.D

Acq: 15 Jan 2024 15:55

Instrument :

MSVOA_N

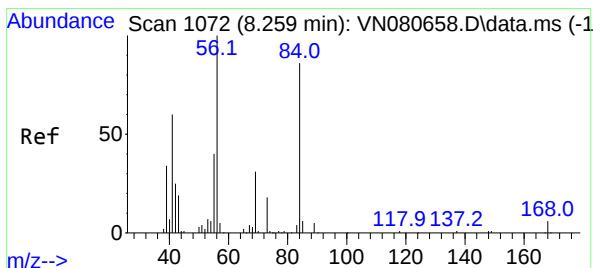
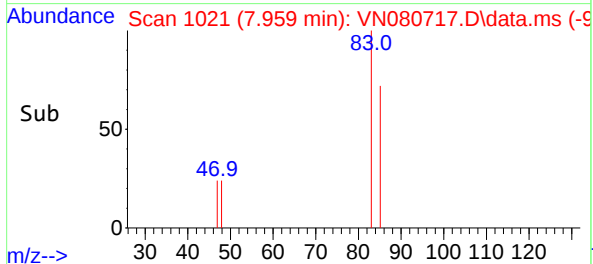
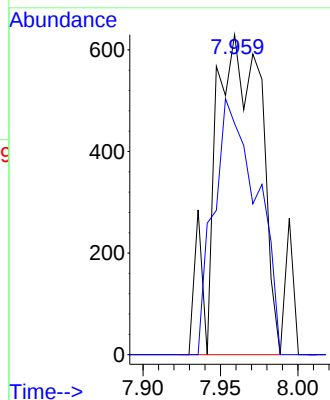
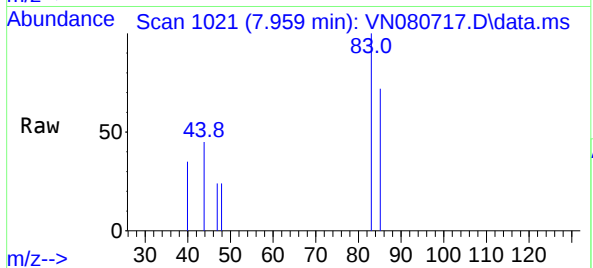
ClientSampleId :

Tgt Ion: 83 Resp: 1327

Ion Ratio Lower Upper

83 100

85 72.2 55.4 83.0



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN080717.D

Acq: 15 Jan 2024 15:55

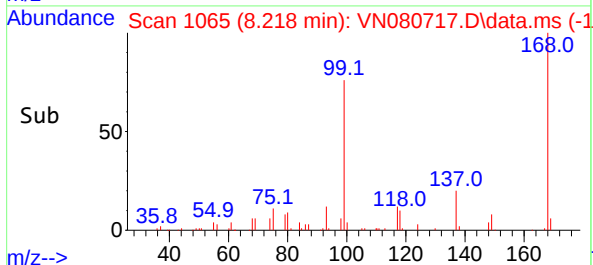
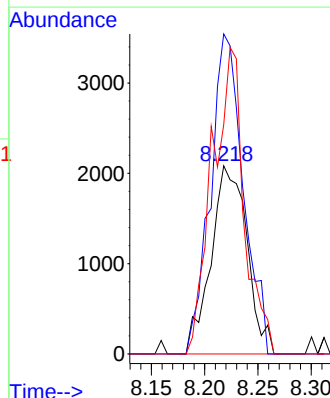
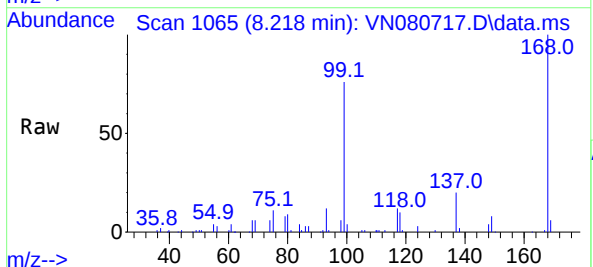
Tgt Ion: 56 Resp: 4884

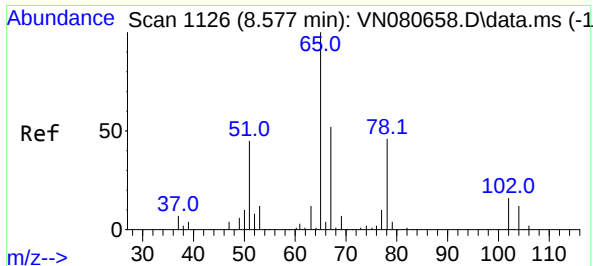
Ion Ratio Lower Upper

56 100

69 170.0 26.8 40.2#

84 138.9 81.8 122.6#

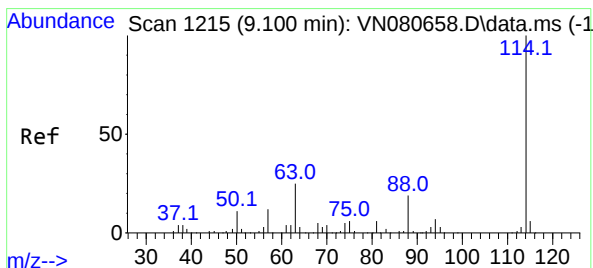
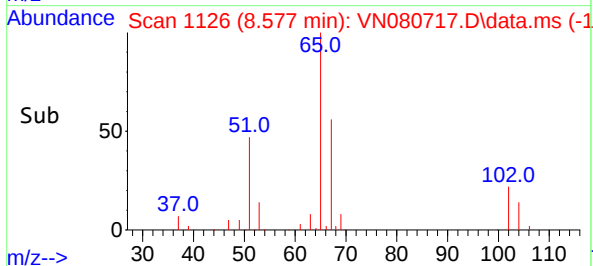
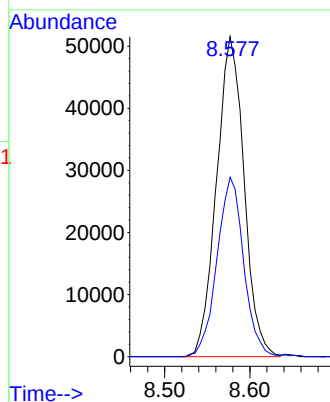
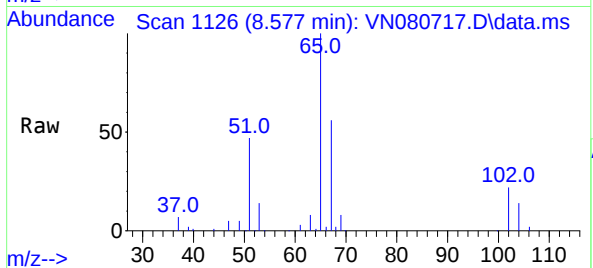




#33
1,2-Dichloroethane-d4
Concen: 44.309 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

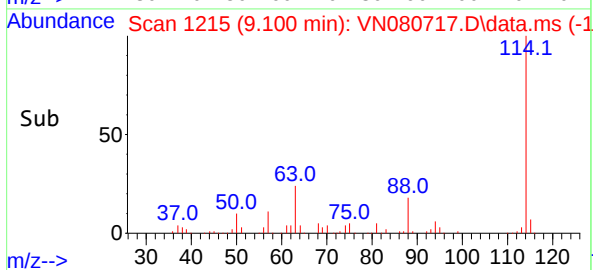
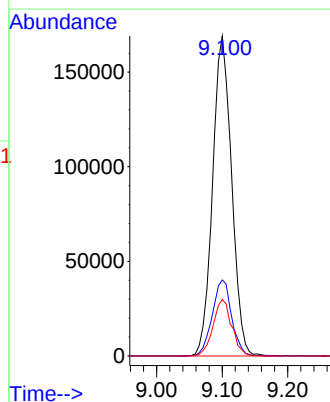
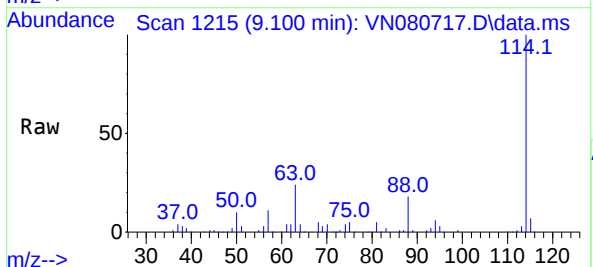
Instrument :
MSVOA_N
ClientSampleId :

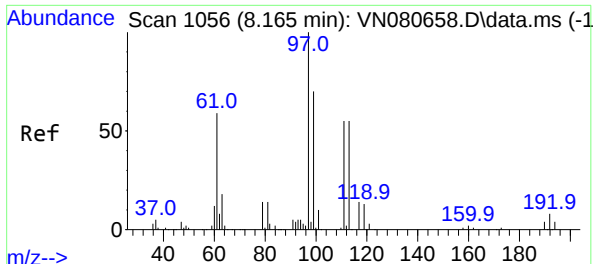
Tgt Ion: 65 Resp: 115567
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

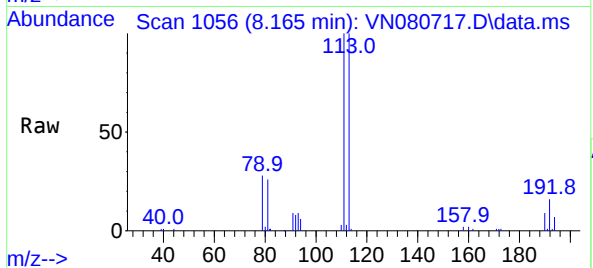
Tgt Ion: 114 Resp: 340209
Ion Ratio Lower Upper
114 100
63 23.8 0.0 36.4
88 17.7 0.0 30.6



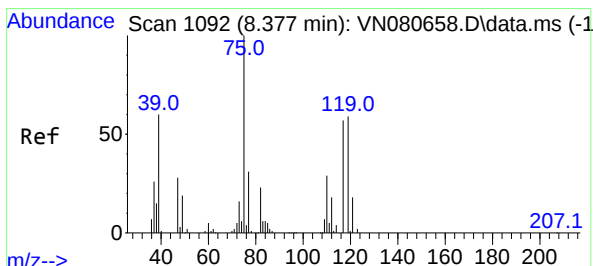
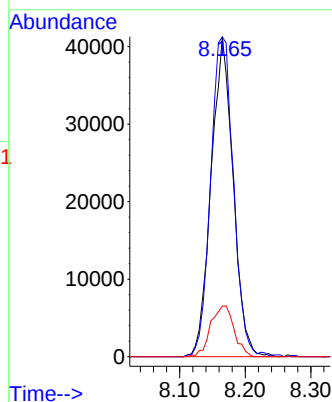
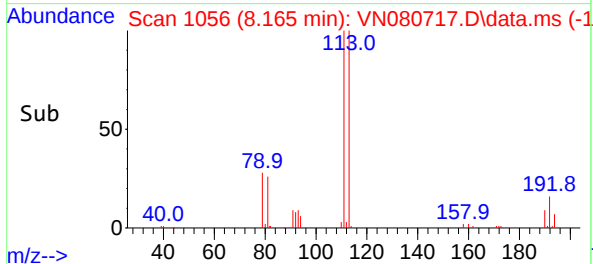


#35
Dibromofluoromethane
Concen: 49.679 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

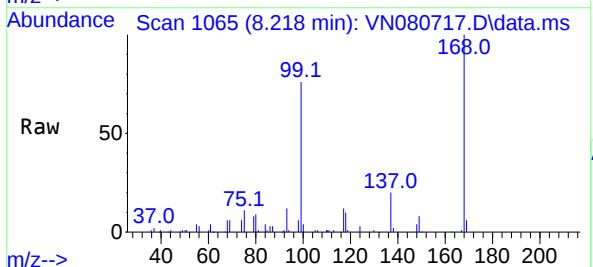
Instrument :
MSVOA_N
ClientSampleId :



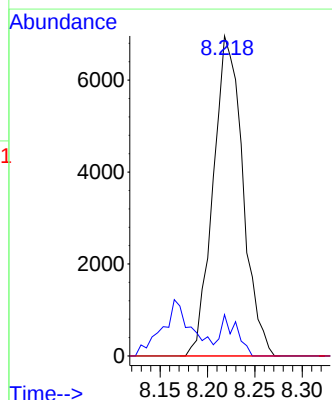
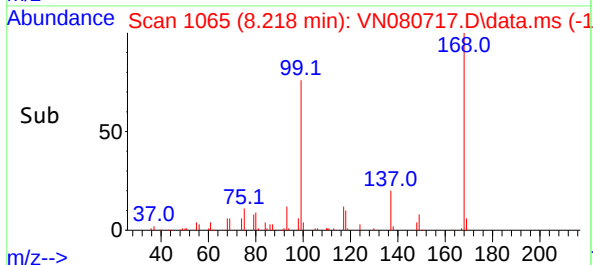
Tgt Ion:113 Resp: 96028
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 16.9 12.7 19.1

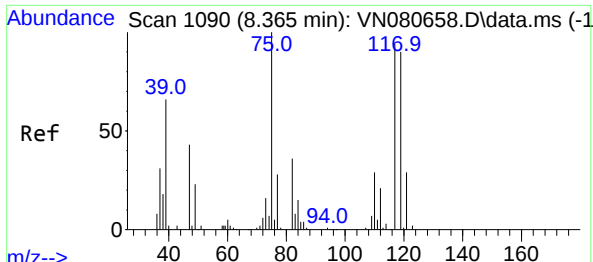


#36
1,1-Dichloropropene
Concen: 3.825 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55



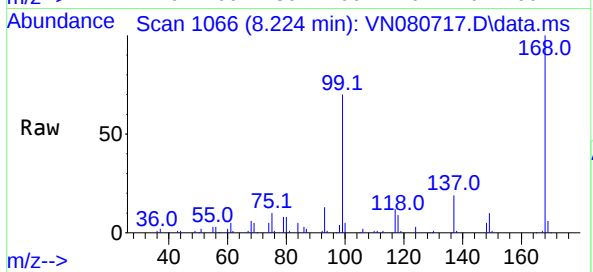
Tgt Ion: 75 Resp: 15147
Ion Ratio Lower Upper
75 100
110 7.1 19.1 57.3#
77 0.0 25.0 37.4#



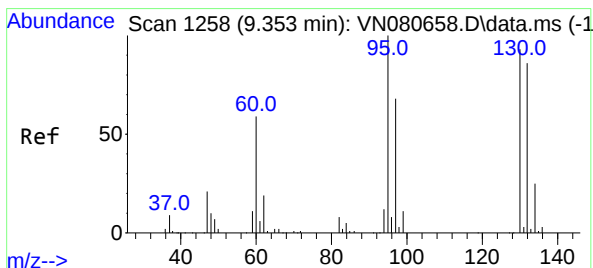
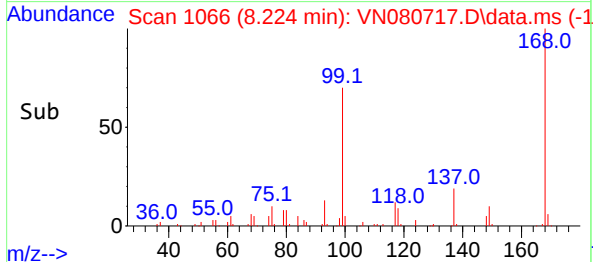
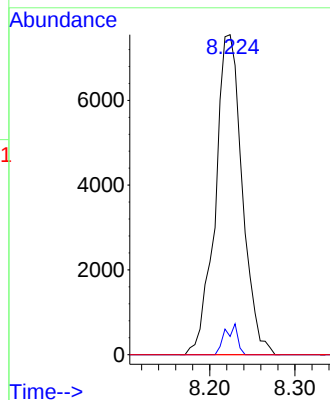


#38
Carbon Tetrachloride
Concen: 4.664 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

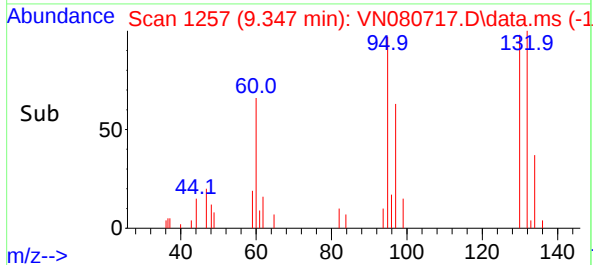
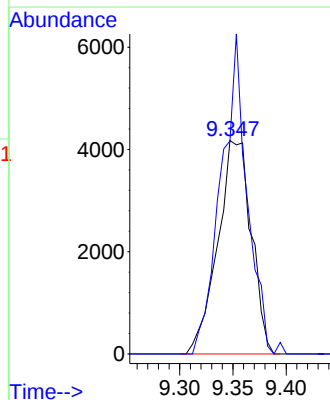
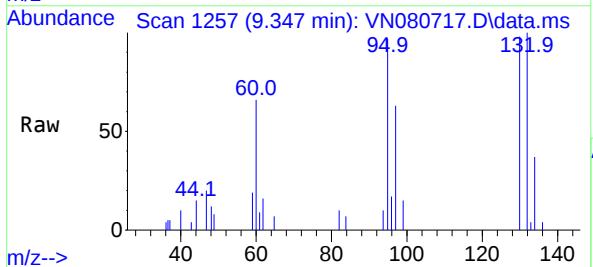


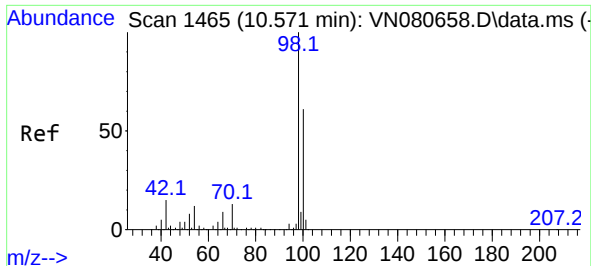
Tgt Ion:117 Resp: 16580
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 3.630 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

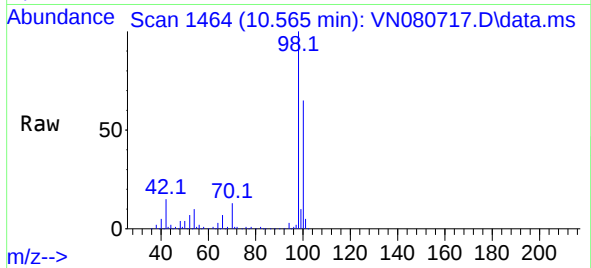
Tgt Ion:130 Resp: 9148
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.6



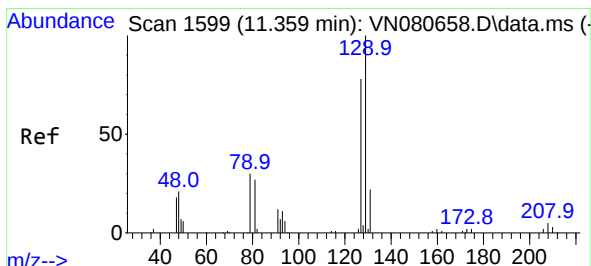
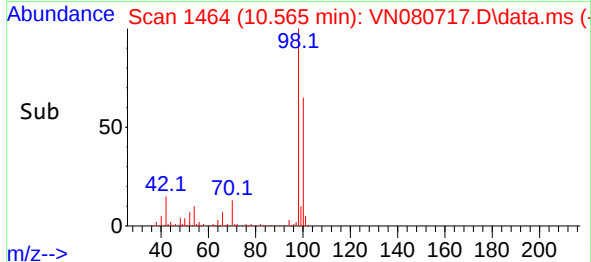
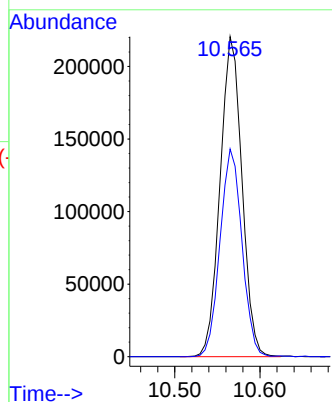


#50
Toluene-d8
Concen: 53.427 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

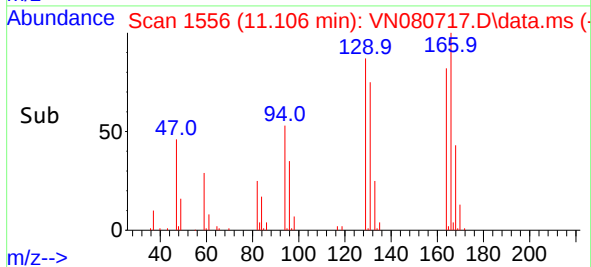
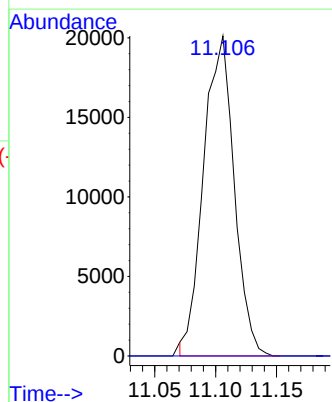
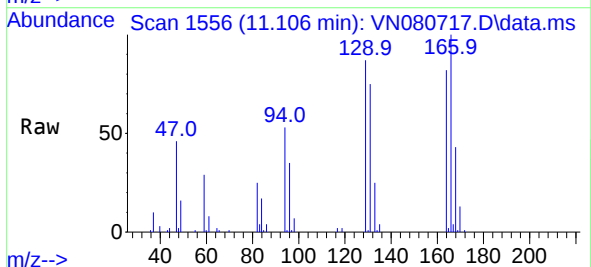


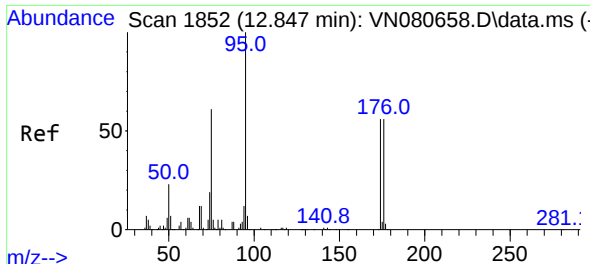
Tgt Ion: 98 Resp: 393787
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#60
Dibromochloromethane
Concen: 13.925 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Tgt Ion:129 Resp: 35131
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

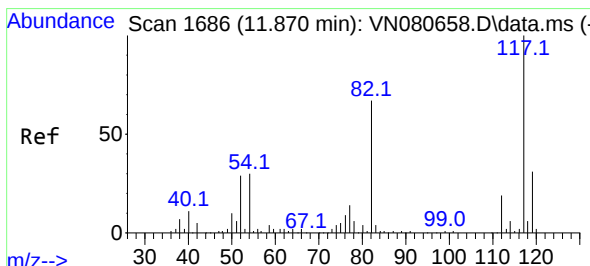
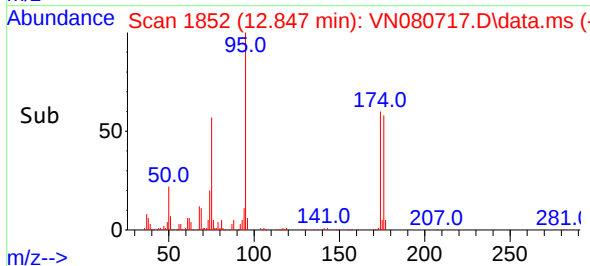
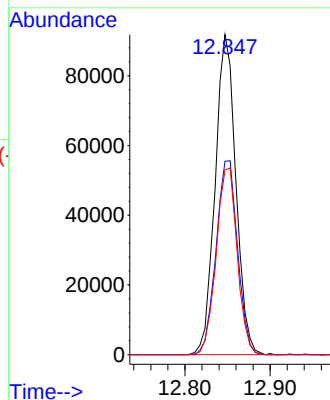
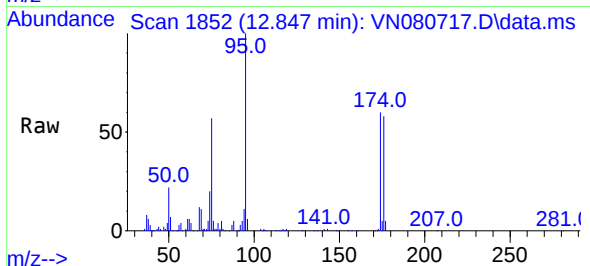




#62
4-Bromofluorobenzene
Concen: 54.891 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

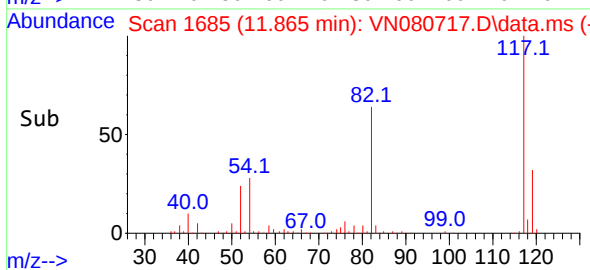
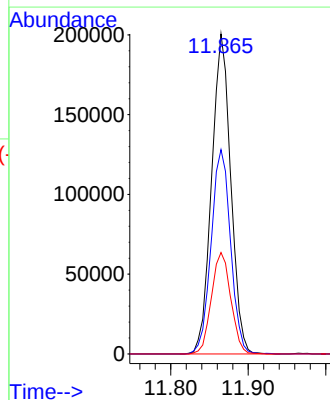
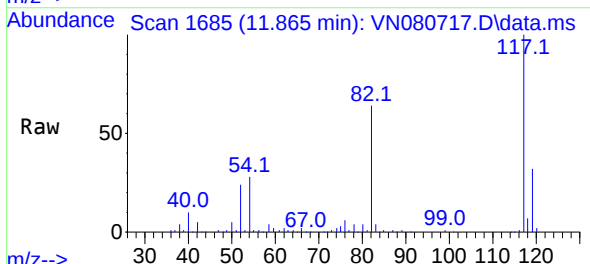
Instrument :
MSVOA_N
ClientSampleId :

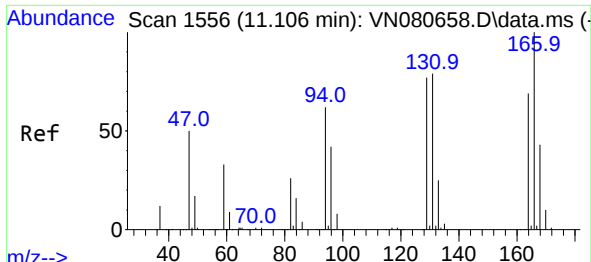
Tgt Ion: 95 Resp: 155146
Ion Ratio Lower Upper
95 100
174 62.8 0.0 143.8
176 59.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

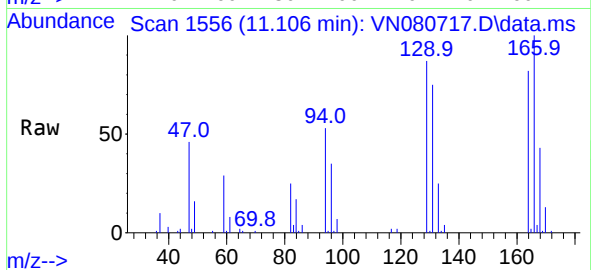
Tgt Ion: 117 Resp: 343712
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 31.7 25.6 38.4



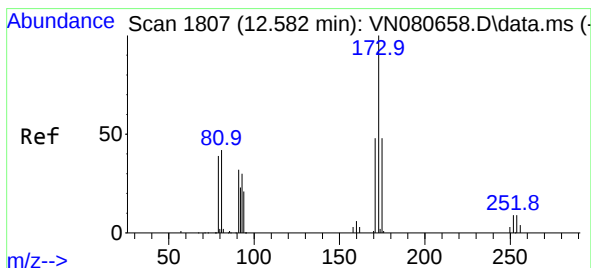
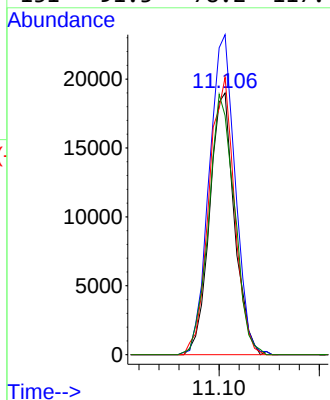
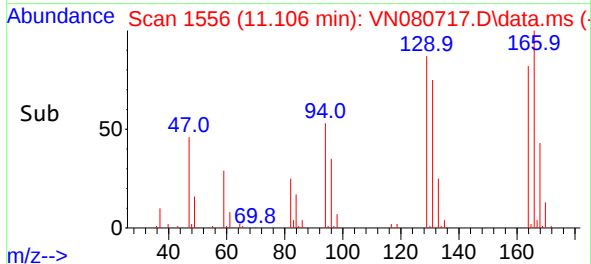


#64
Tetrachloroethene
Concen: 13.824 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

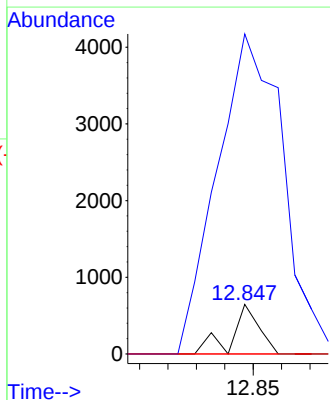
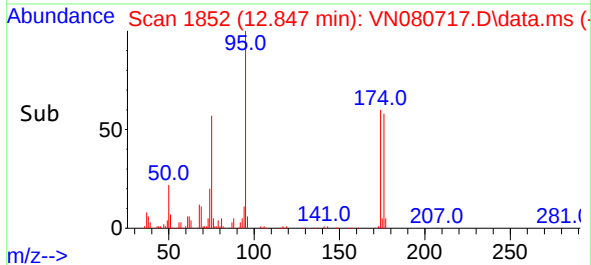
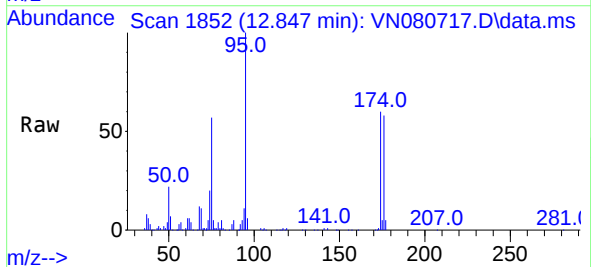


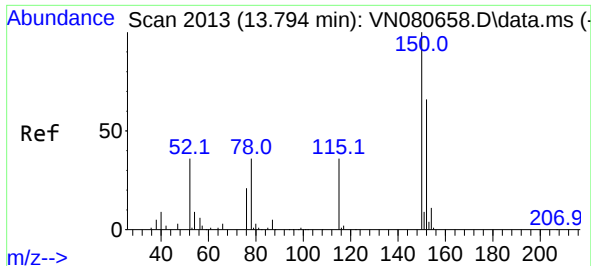
Tgt Ion:164 Resp: 32631
Ion Ratio Lower Upper
164 100
166 122.3 101.4 152.0
129 105.9 82.4 123.6
131 91.3 78.2 117.4



#71
Bromoform
Concen: 0.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

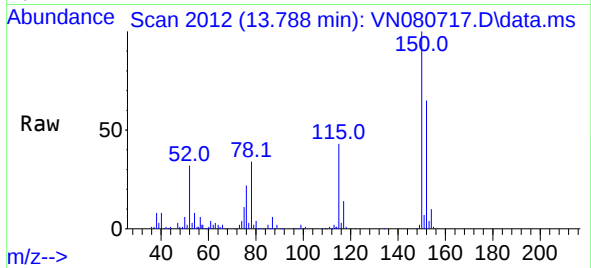
Tgt Ion:173 Resp: 433
Ion Ratio Lower Upper
173 100
175 1407.4 24.3 73.0#
254 0.0 0.0 0.0



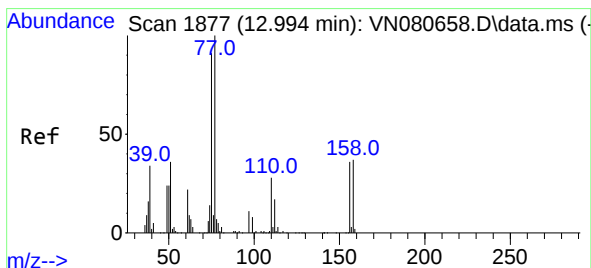
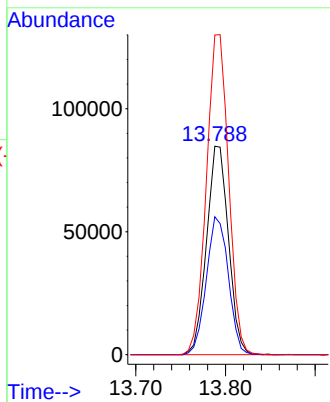
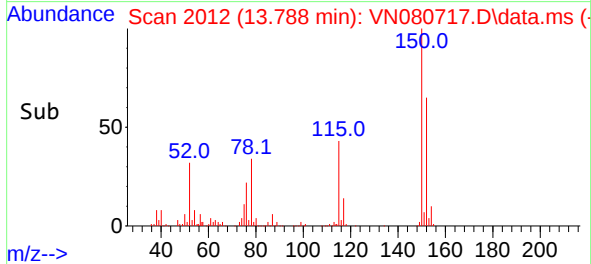


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

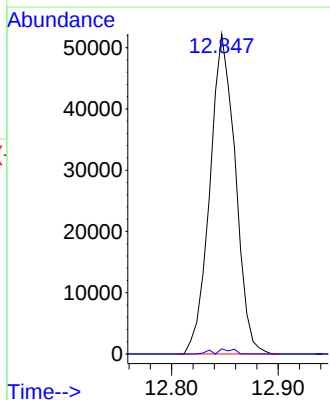
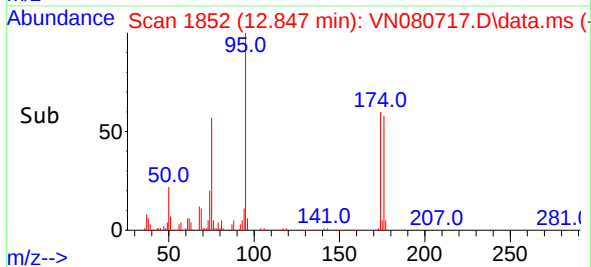
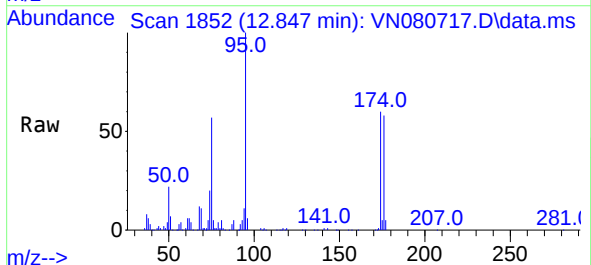


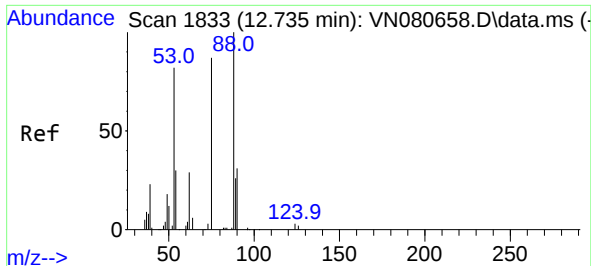
Tgt Ion:152 Resp: 143990
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 155.4 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 19.513 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080717.D
Acq: 15 Jan 2024 15:55

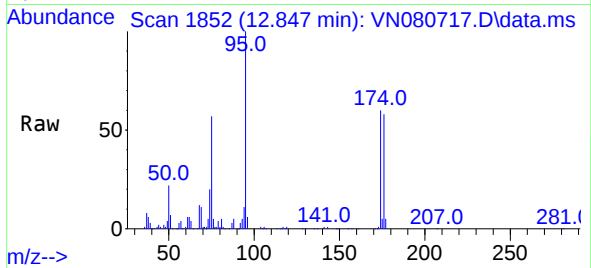
Tgt Ion: 75 Resp: 86638
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.000 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080717.D
 Acq: 15 Jan 2024 15:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 86638
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

