

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080677.D
 Acq On : 11 Jan 2024 15:40
 Operator : JC\MD
 Sample : P1103-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 05:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

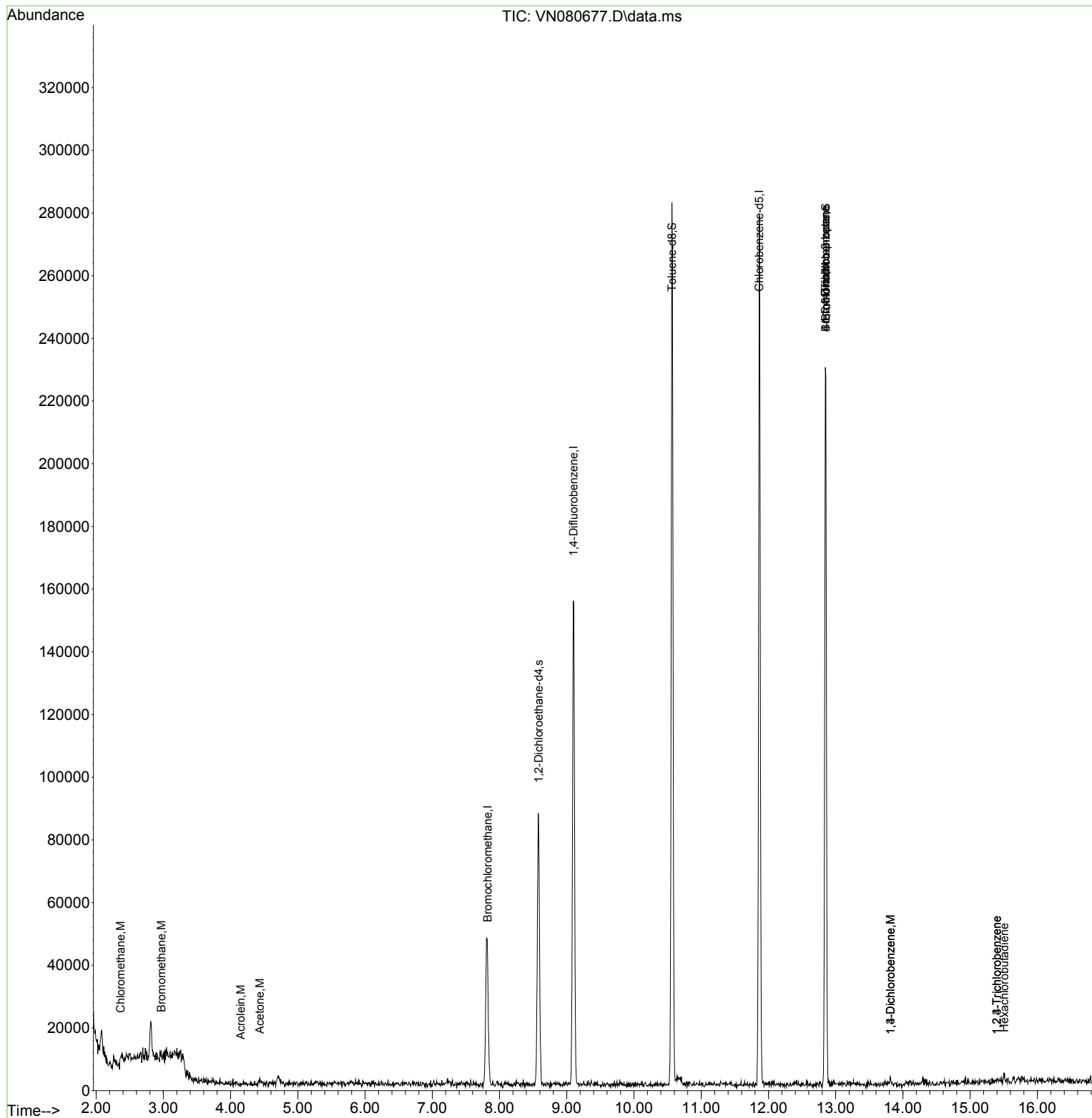
Internal Standards						
1) Bromochloromethane	7.824	128	15107	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128555	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	139479	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67278	27.578	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.933%
60) 4-Bromofluorobenzene	12.853	95	83211	26.969	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.900%
63) Toluene-d8	10.565	98	184788	30.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.633%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2098	0.600	ug/l	90
5) Bromomethane	2.971	94	232	0.237	ug/l	# 74
13) Acrolein	4.153	56	231	0.597	ug/l	99
15) Acetone	4.436	58	359	1.207	ug/l	86
56) Bromoform	12.853	173	346	0.229	ug/l	# 1
72) 1,2,3-Trichloropropane	12.847	75	46526	14.550	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	46526	35.491	ug/l	# 12
83) 1,3-Dichlorobenzene	13.817	146	772	0.202	ug/l	# 57
84) 1,4-Dichlorobenzene	13.817	146	772	0.201	ug/l	# 55
89) 1,2,4-Trichlorobenzene	15.400	180	389	0.207	ug/l	# 48
90) Hexachlorobutadiene	15.506	225	593	0.688	ug/l	# 39
92) 1,2,3-Trichlorobenzene	15.400	180	389	0.207	ug/l	# 48

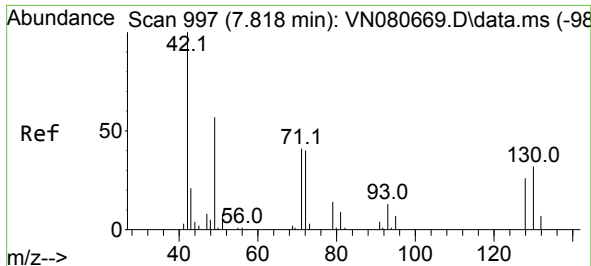
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
Data File : VN080677.D
Acq On : 11 Jan 2024 15:40
Operator : JC\MD
Sample : P1103-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 05:24:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 12 05:20:11 2024
Response via : Initial Calibration

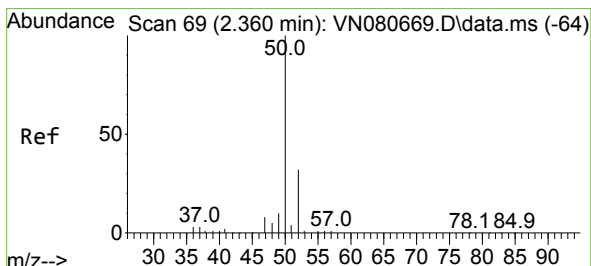
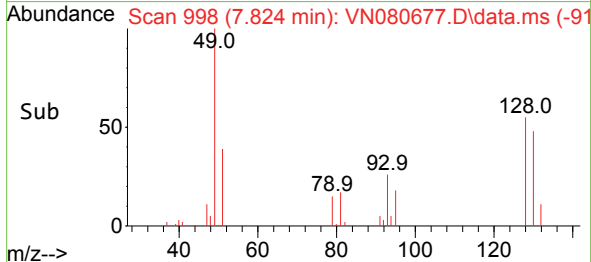
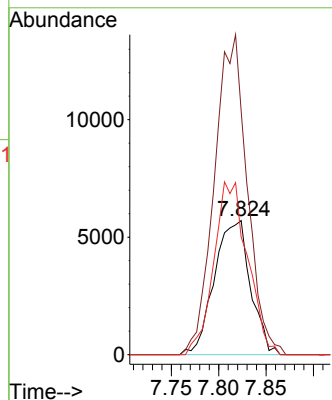
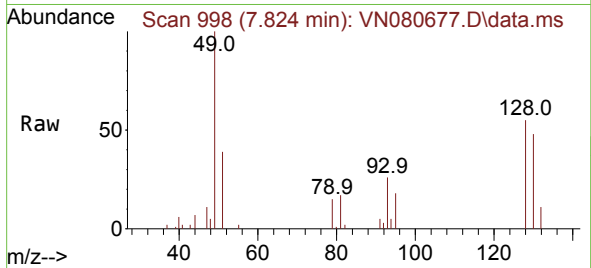




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

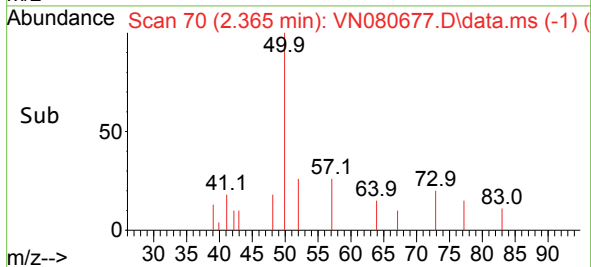
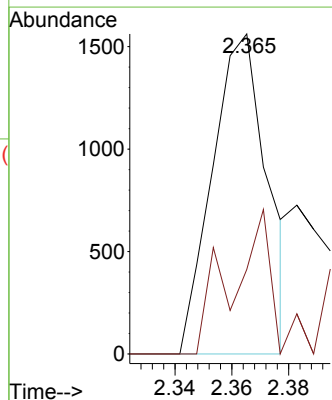
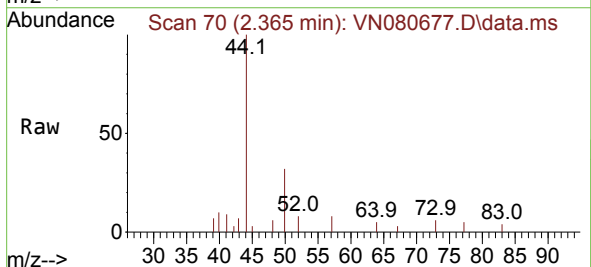
Instrument :
MSVOA_N
ClientSampleId :

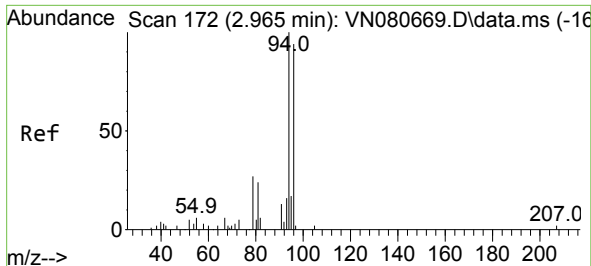
Tgt Ion:128 Resp: 15107
Ion Ratio Lower Upper
128 100
49 217.2 0.0 403.7
130 121.2 0.0 323.3



#3
Chloromethane
Concen: 0.600 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion: 50 Resp: 2098
Ion Ratio Lower Upper
50 100
52 26.4 25.4 38.0

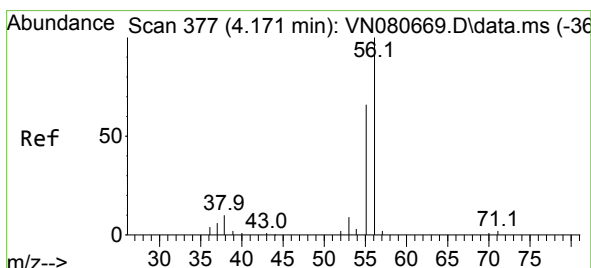
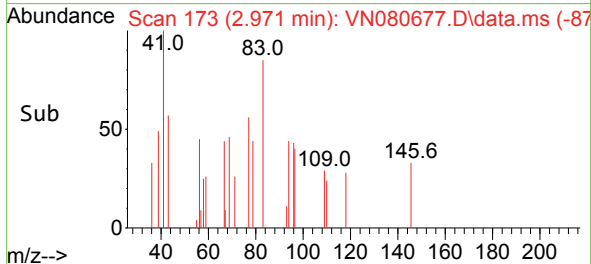
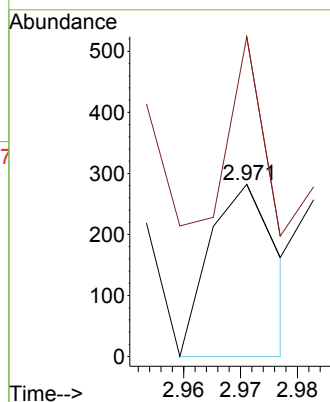
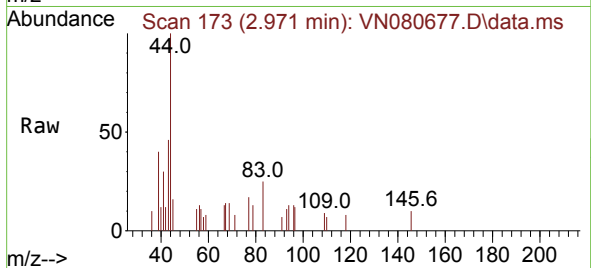




#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

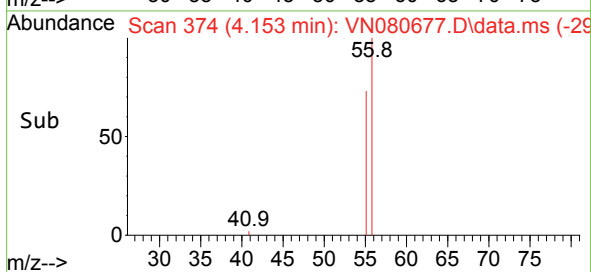
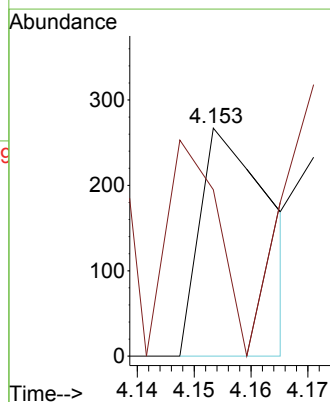
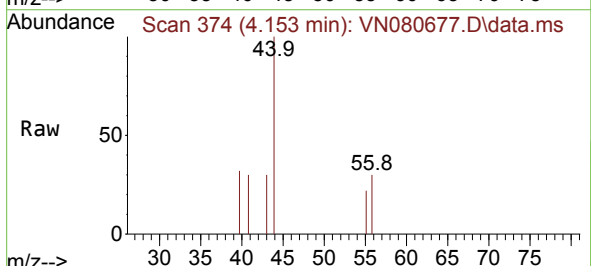
Instrument :
MSVOA_N
ClientSampleId :

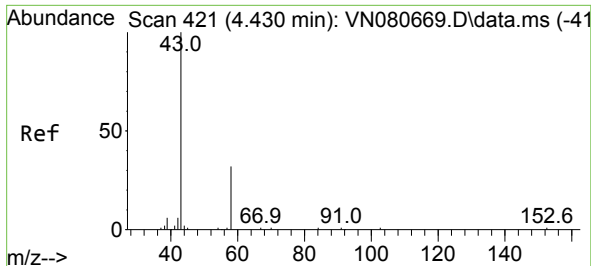
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 116.0 72.8 109.2#



#13
Acrolein
Concen: 0.597 ug/l
RT: 4.153 min Scan# 374
Delta R.T. -0.018 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 68.4 55.5 83.3





#15

Acetone

Concen: 1.207 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080677.D

Acq: 11 Jan 2024 15:40

Instrument :

MSVOA_N

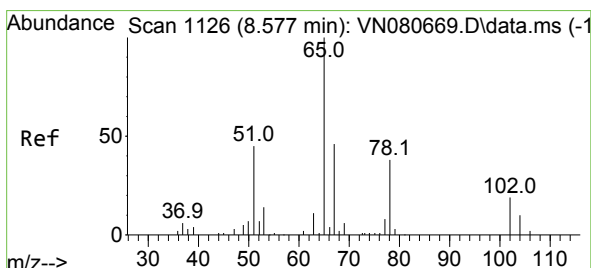
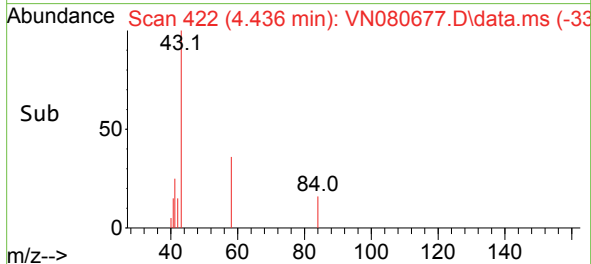
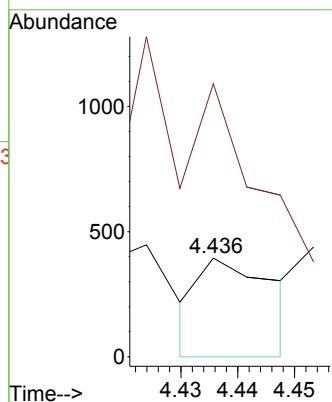
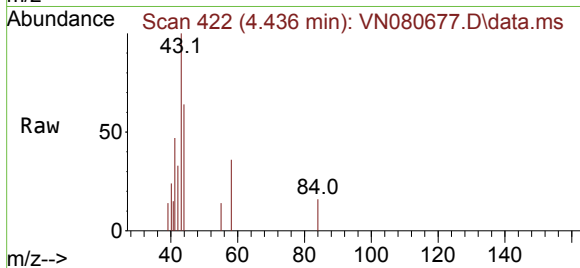
ClientSampleId :

Tgt Ion: 58 Resp: 359

Ion Ratio Lower Upper

58 100

43 252.8 223.1 334.7



#27

1,2-Dichloroethane-d4

Concen: 27.578 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN080677.D

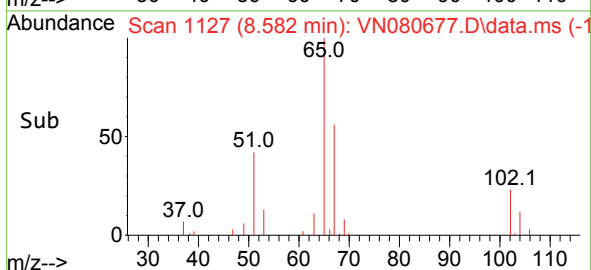
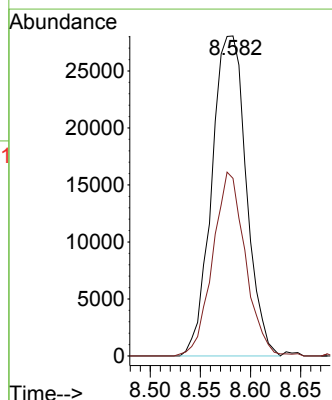
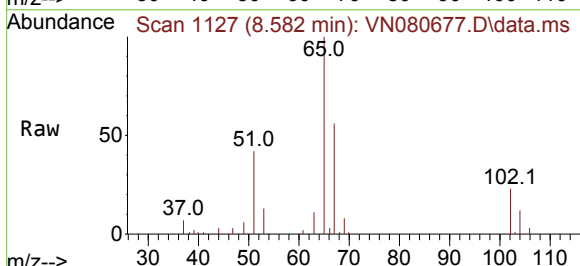
Acq: 11 Jan 2024 15:40

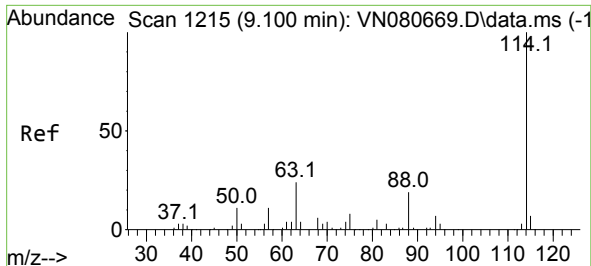
Tgt Ion: 65 Resp: 67278

Ion Ratio Lower Upper

65 100

67 54.2 43.2 64.8

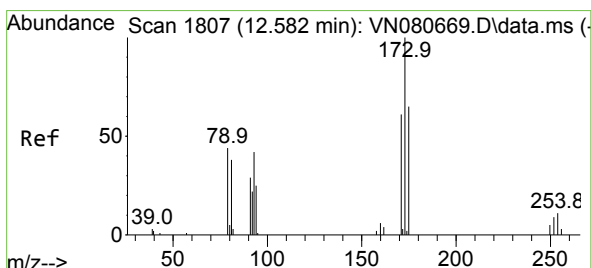
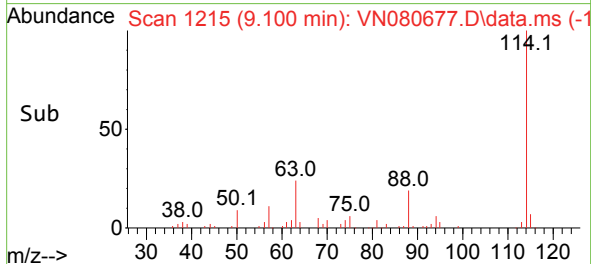
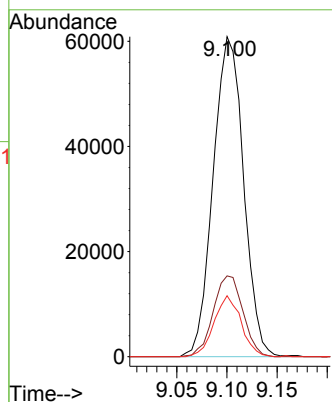
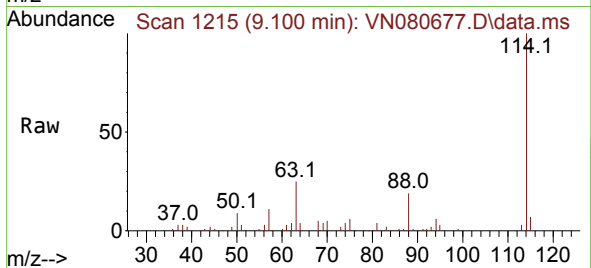




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

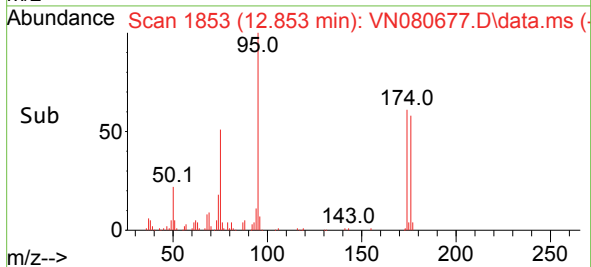
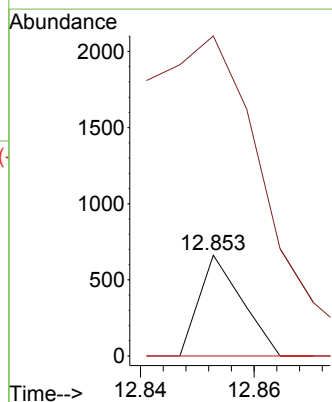
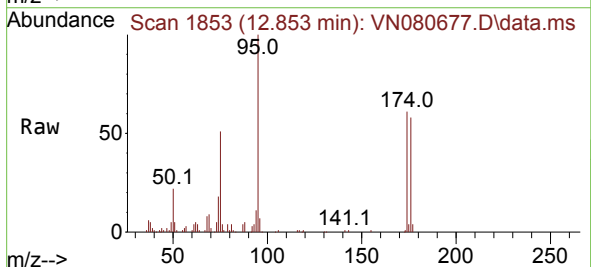
Instrument :
MSVOA_N
ClientSampleId :

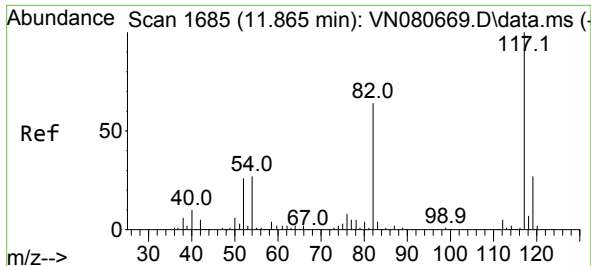
Tgt Ion:114 Resp: 128555
Ion Ratio Lower Upper
114 100
63 24.7 15.9 23.9#
88 17.0 12.7 19.1



#56
Bromoform
Concen: 0.229 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion:173 Resp: 346
Ion Ratio Lower Upper
173 100
175 1094.8 40.0 60.0#
254 0.0 8.3 12.5#

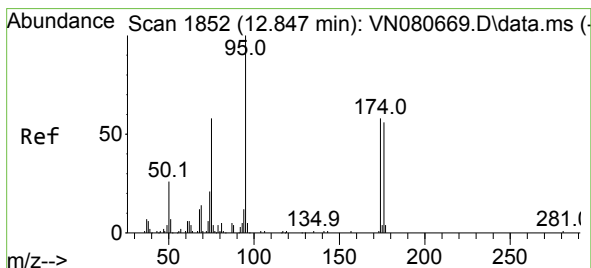
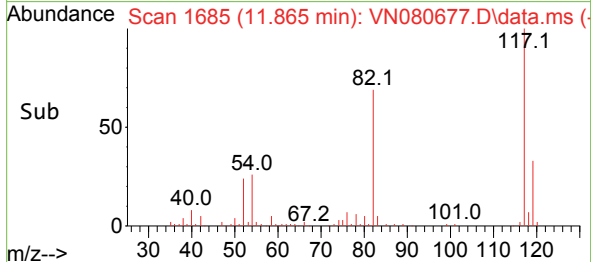
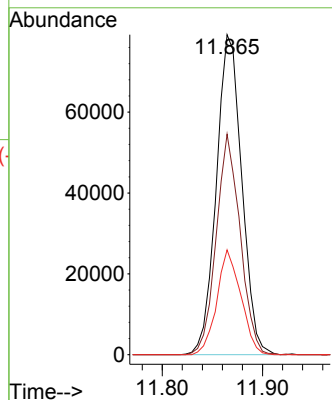
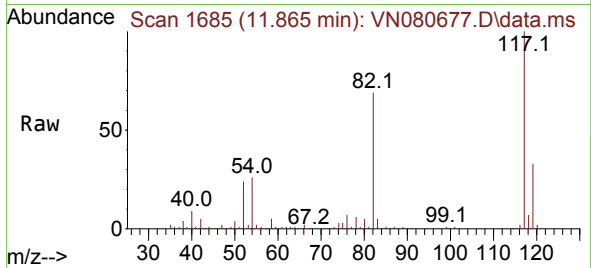




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

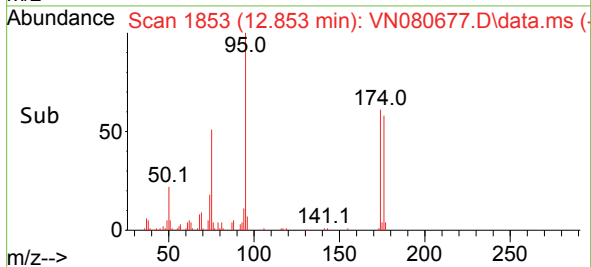
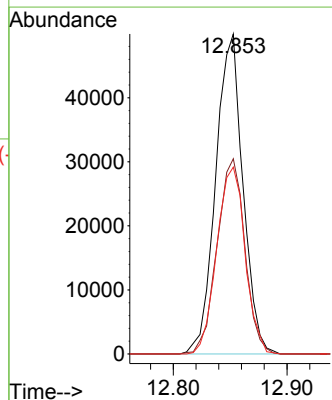
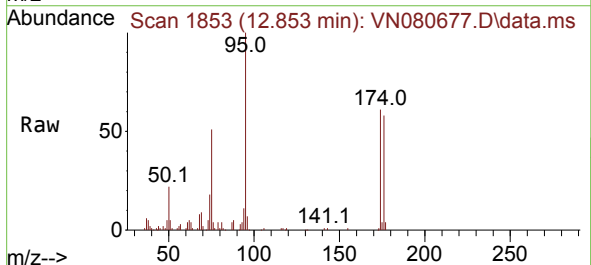
Instrument :
MSVOA_N
ClientSampleId :

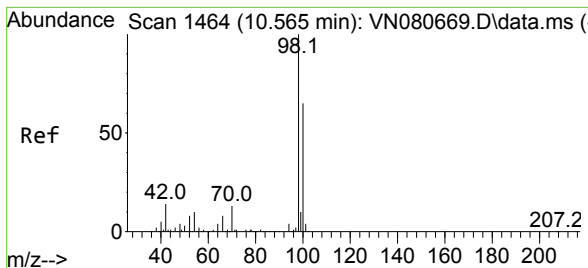
Tgt Ion:117 Resp: 139479
Ion Ratio Lower Upper
117 100
82 64.8 46.6 69.8
119 30.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.969 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

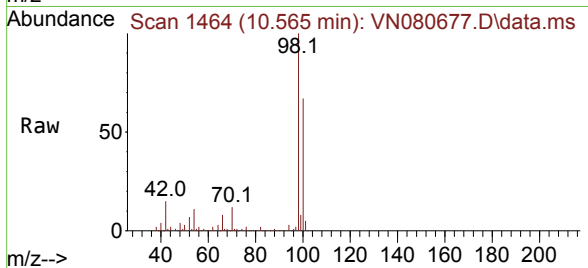
Tgt Ion: 95 Resp: 83211
Ion Ratio Lower Upper
95 100
174 62.2 60.5 90.7
176 60.7 57.8 86.6



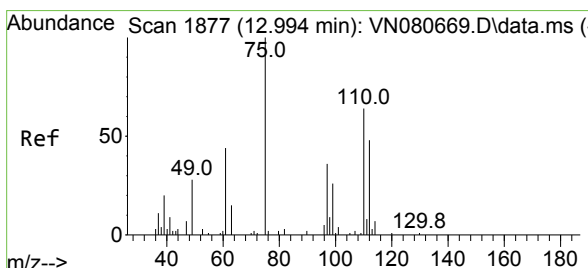
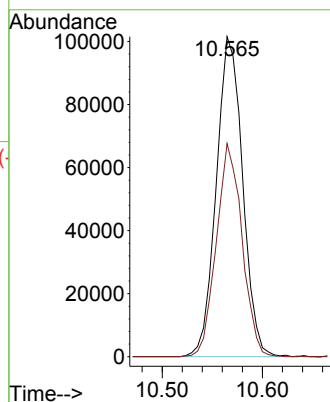
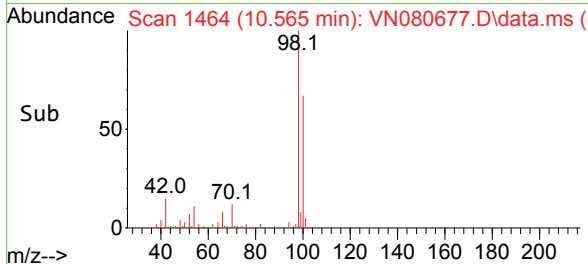


#63
Toluene-d8
Concen: 30.187 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :

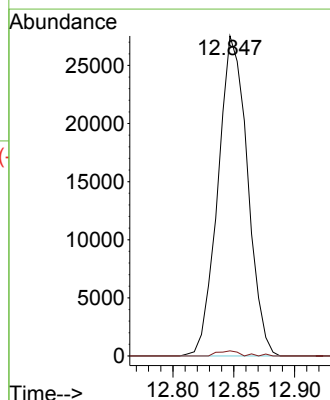
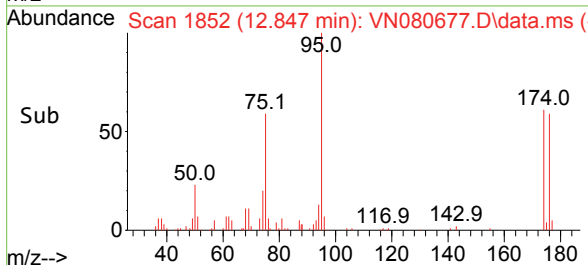
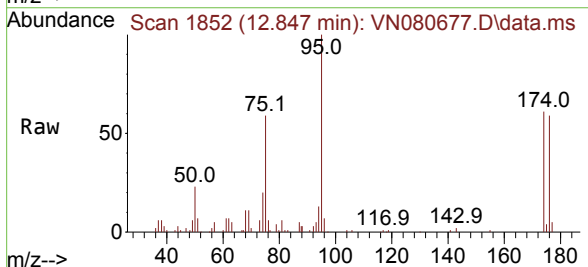


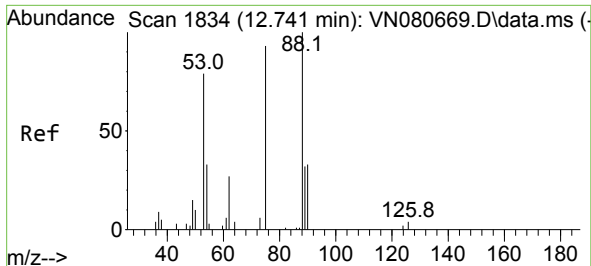
Tgt Ion: 98 Resp: 184788
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 14.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion: 75 Resp: 46526
Ion Ratio Lower Upper
75 100
77 1.1 0.0 367.6

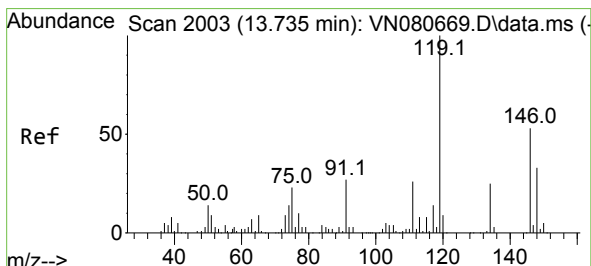
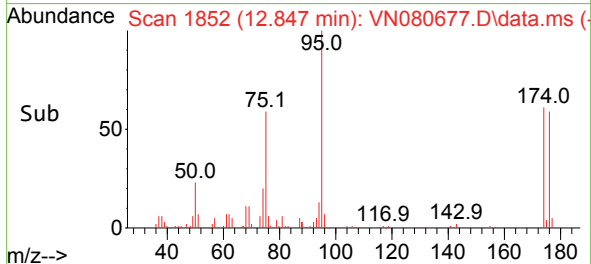
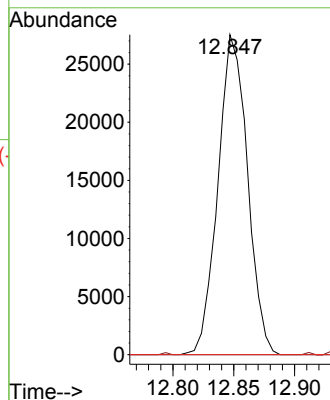
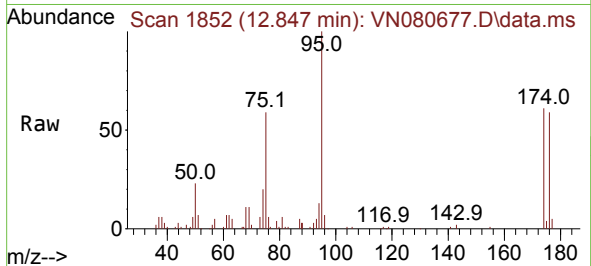




#77
t-1,4-Dichloro-2-butene
Concen: 35.491 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

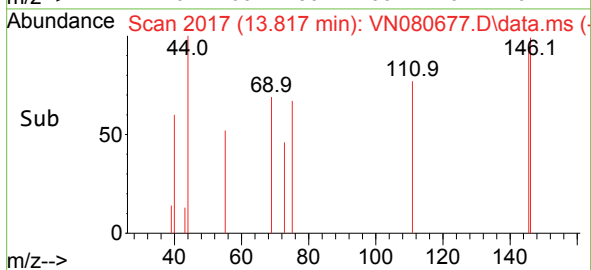
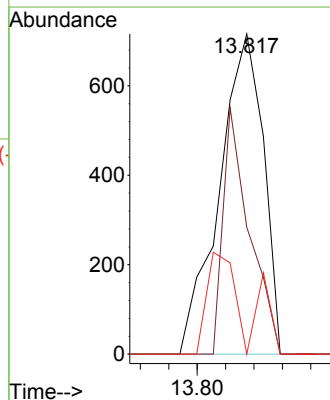
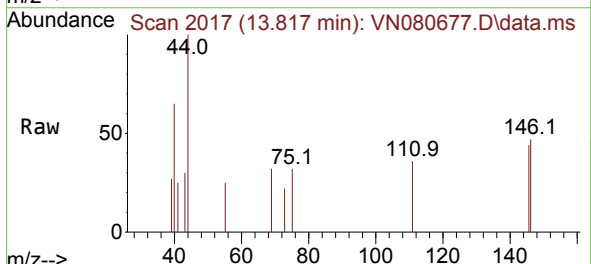
Instrument :
MSVOA_N
ClientSampleId :

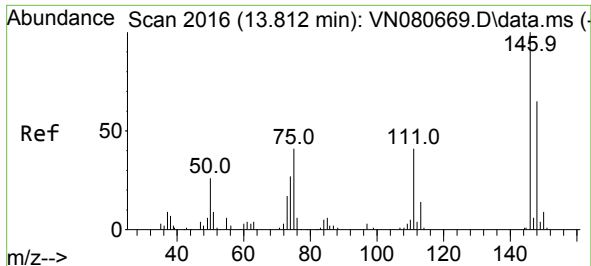
Tgt Ion: 75 Resp: 46526
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#



#83
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.082 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

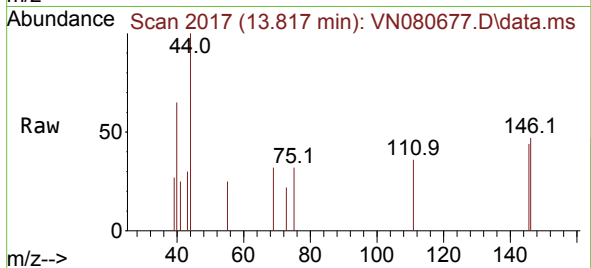
Tgt Ion:146 Resp: 772
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 8.3 32.1 96.5#



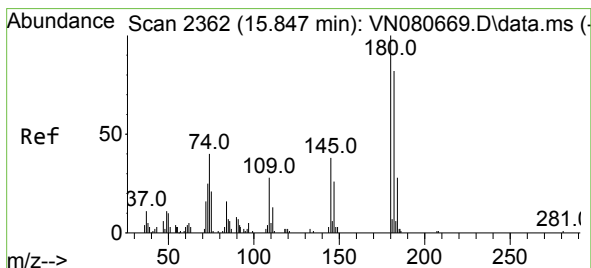
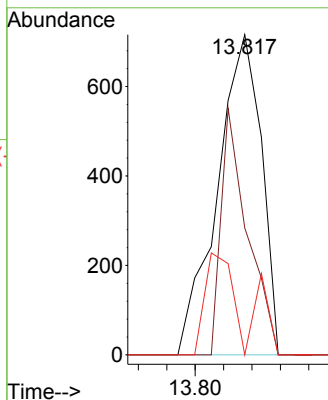
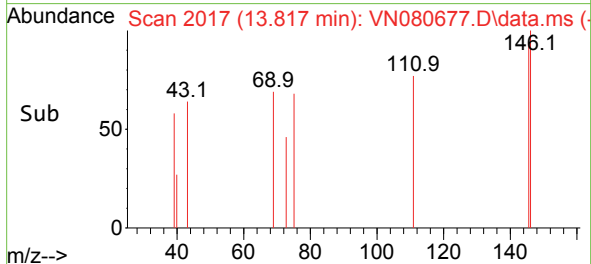


#84
1,4-Dichlorobenzene
Concen: 0.201 ug/l
RT: 13.817 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

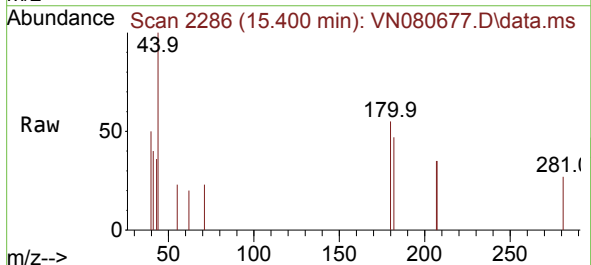
Instrument :
MSVOA_N
ClientSampleId :



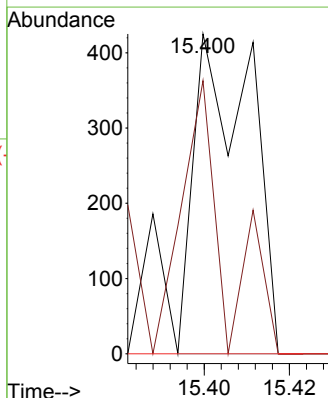
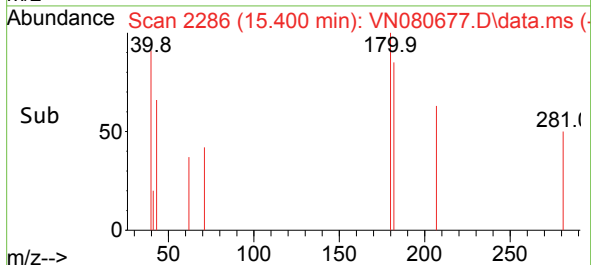
Tgt Ion:146 Resp: 772
Ion Ratio Lower Upper
146 100
111 46.0 21.3 63.9
148 8.3 31.9 95.5#

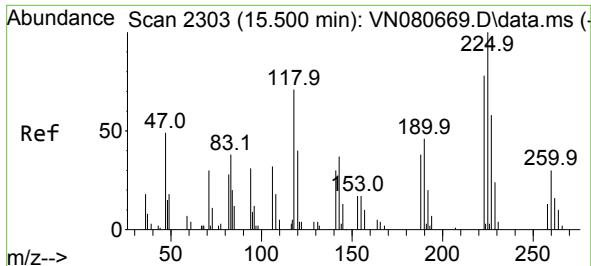


#89
1,2,4-Trichlorobenzene
Concen: 0.207 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.447 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40



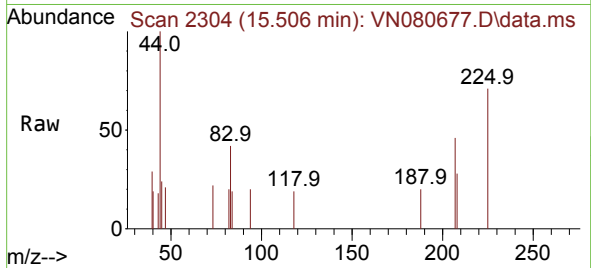
Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 48.3 76.4 114.6#
145 0.0 28.4 42.6#



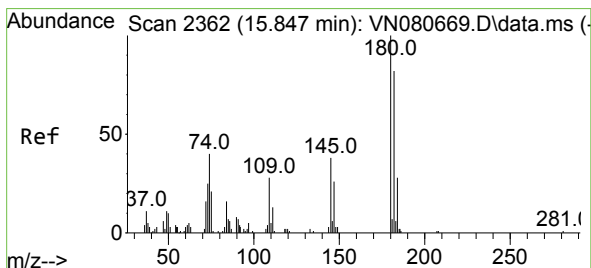
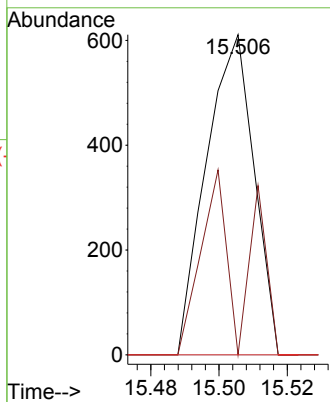
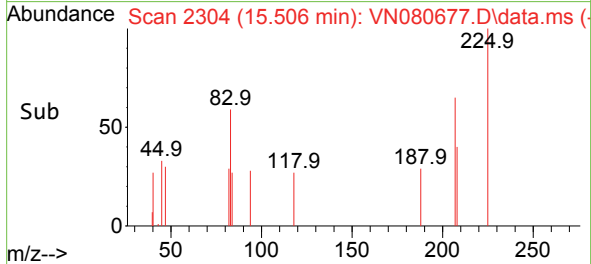


#90
Hexachlorobutadiene
Concen: 0.688 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

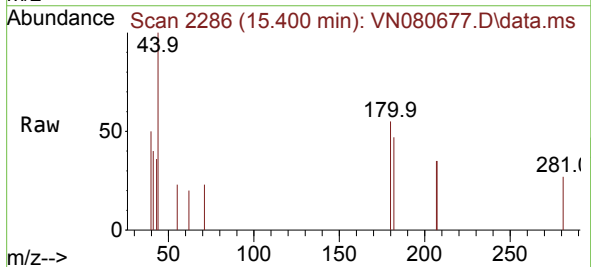
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:225 Resp: 593
Ion Ratio Lower Upper
225 100
223 31.2 0.0 126.6
227 0.0 0.0 126.6



#92
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.447 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40



Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 48.3 0.0 191.0
145 0.0 0.0 71.0

