

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079666.D
 Acq On : 24 Oct 2023 18:49
 Operator : JC\MD
 Sample : 05029-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-43

Quant Time: Oct 25 02:05:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

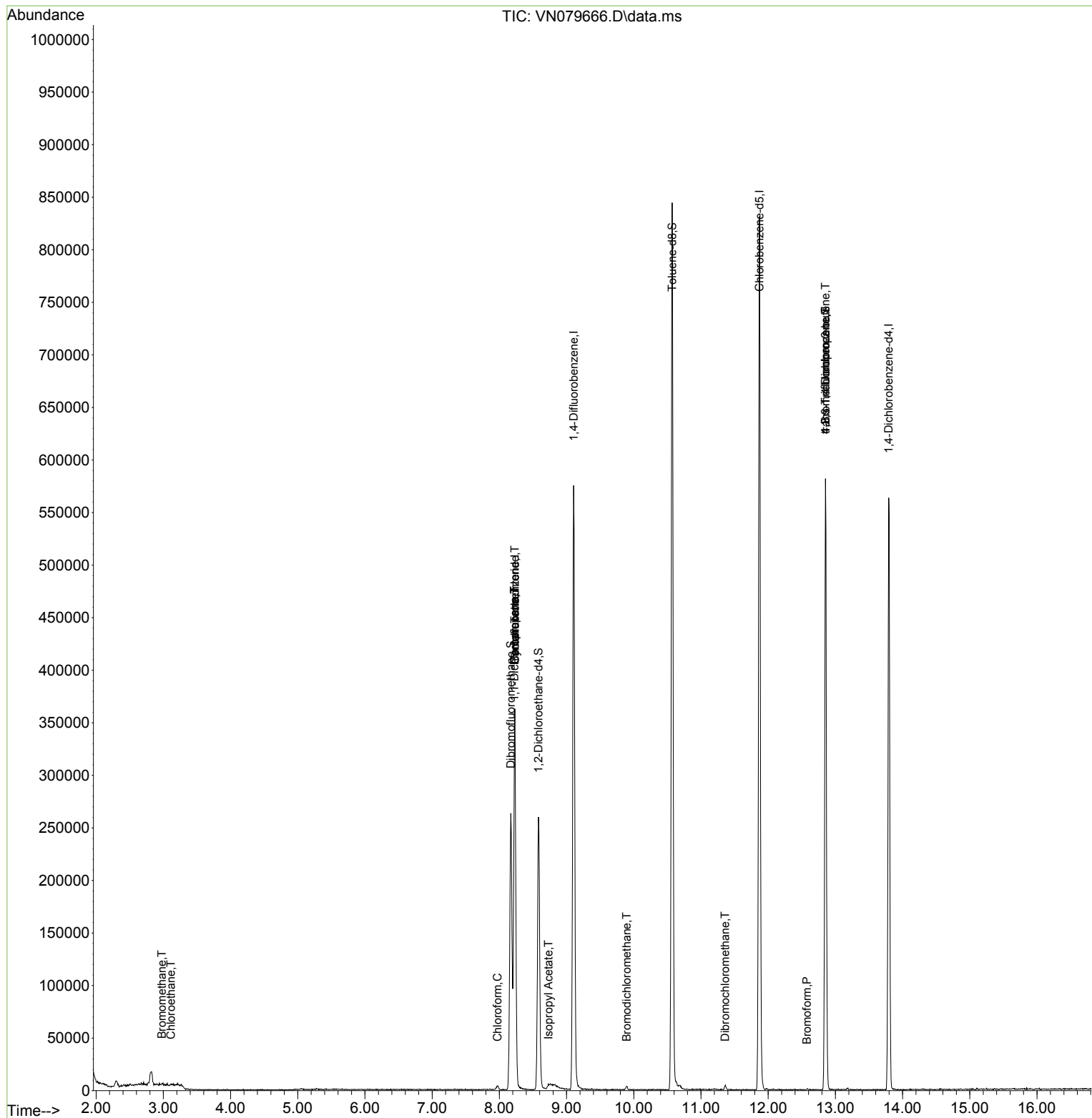
Internal Standards						
1) Pentafluorobenzene	8.229	168	246849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	470653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207166	51.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.520%	
35) Dibromofluoromethane	8.171	113	185081	53.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.400%	
50) Toluene-d8	10.570	98	570182	45.721	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.440%	
62) 4-Bromofluorobenzene	12.853	95	193546	48.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	812	0.295	ug/l #	62
6) Chloroethane	3.112	64	739	0.214	ug/l #	43
20) Methylene Chloride	5.288	84	252	Below Cal	#	52
30) Chloroform	7.971	83	3402	0.521	ug/l #	67
31) Cyclohexane	8.229	56	6914	1.218	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	21895	4.233	ug/l #	46
38) Carbon Tetrachloride	8.229	117	27221	5.256	ug/l #	18
43) Isopropyl Acetate	8.729	43	2128	0.236	ug/l #	49
47) Bromodichloromethane	9.894	83	2572	0.477	ug/l #	96
60) Dibromochloromethane	11.359	129	2330	0.639	ug/l	99
71) Bromoform	12.576	173	598	0.213	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.982	83	58	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	107407	24.832	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107407	72.052	ug/l #	15

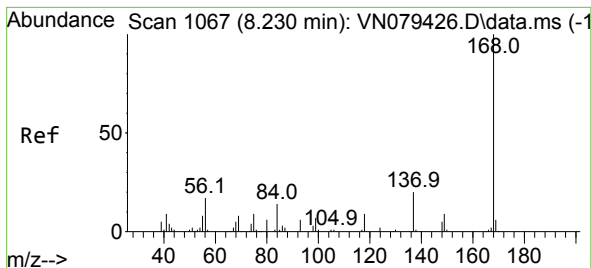
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
Data File : VN079666.D
Acq On : 24 Oct 2023 18:49
Operator : JC\MD
Sample : 05029-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
231010082-43

Quant Time: Oct 25 02:05:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

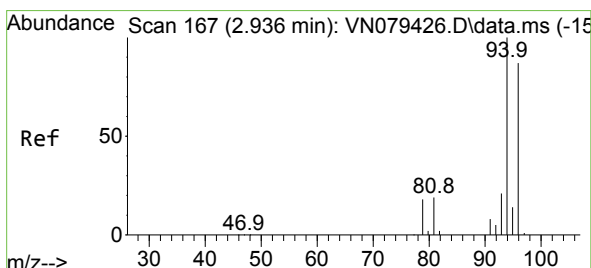
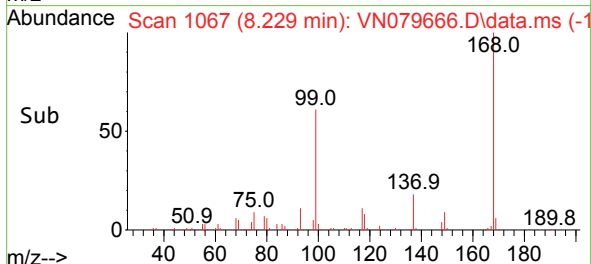
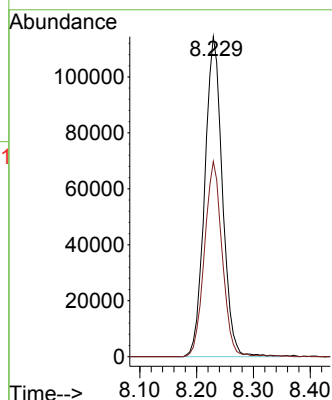
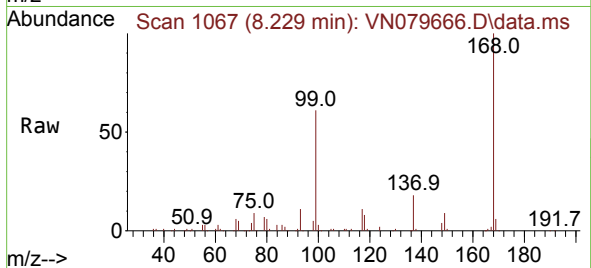
231010082-43

Tgt Ion:168 Resp: 246849

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#5

Bromomethane

Concen: 0.295 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.041 min

Lab File: VN079666.D

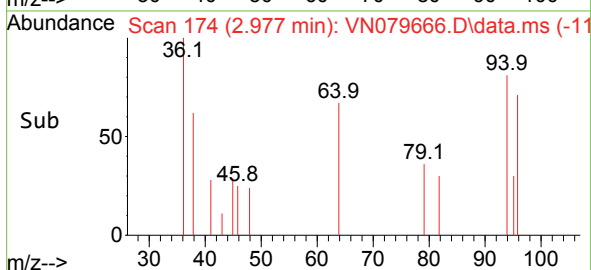
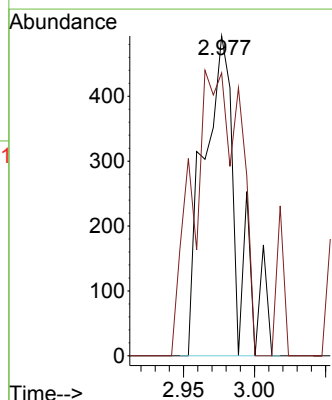
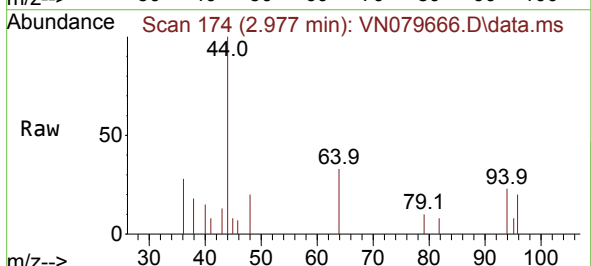
Acq: 24 Oct 2023 18:49

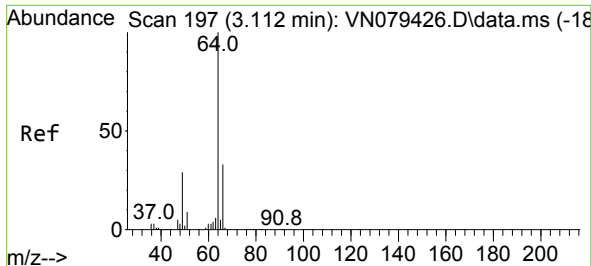
Tgt Ion: 94 Resp: 812

Ion Ratio Lower Upper

94 100

96 55.2 73.1 109.7#

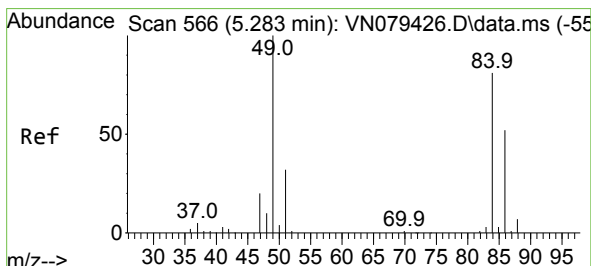
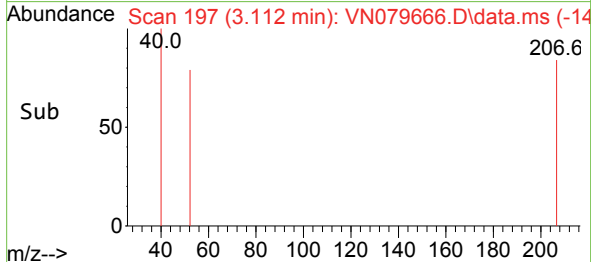
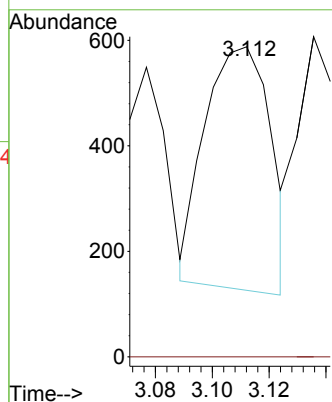
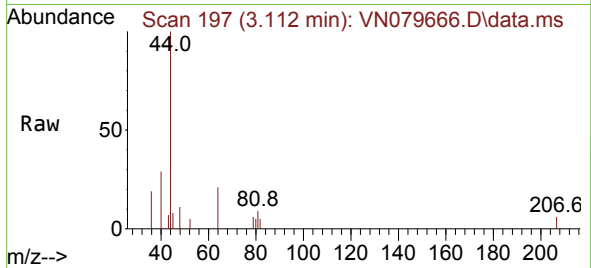




#6
Chloroethane
Concen: 0.214 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

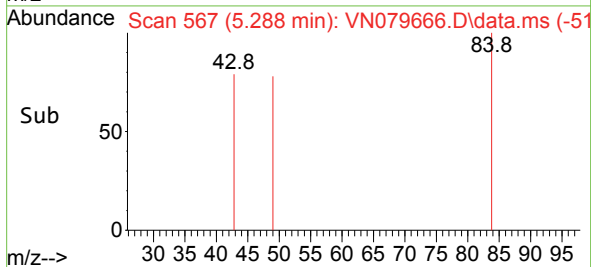
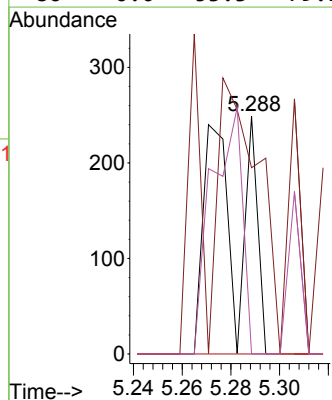
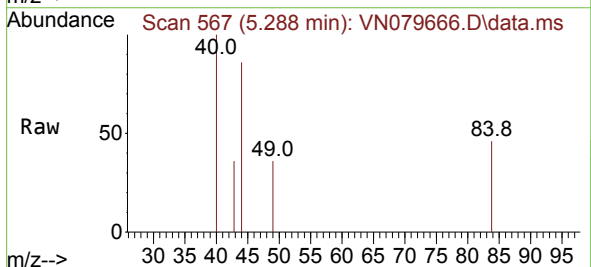
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

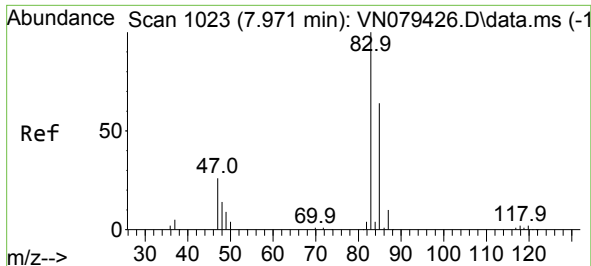
Tgt Ion: 64 Resp: 739
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 84 Resp: 252
Ion Ratio Lower Upper
84 100
49 78.3 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

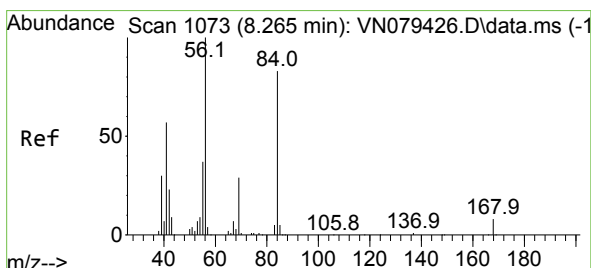
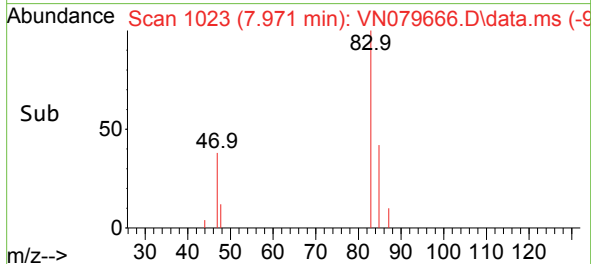
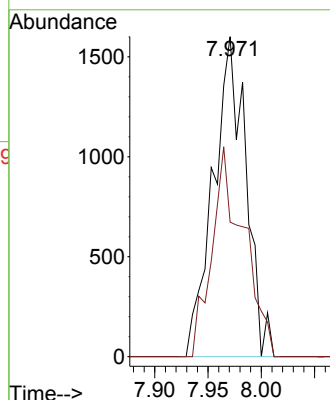
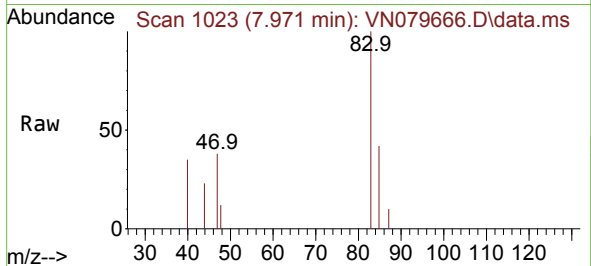




#30
Chloroform
Concen: 0.521 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

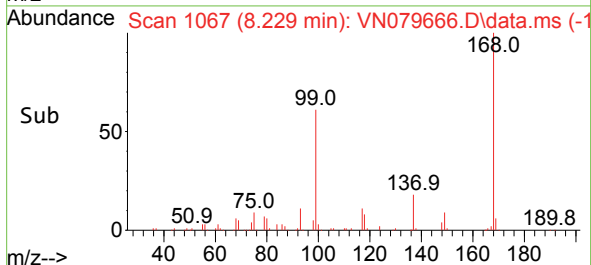
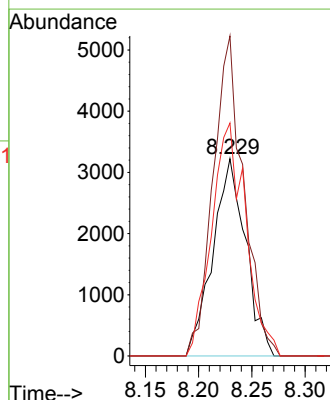
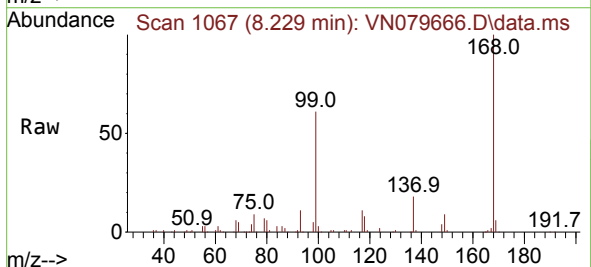
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

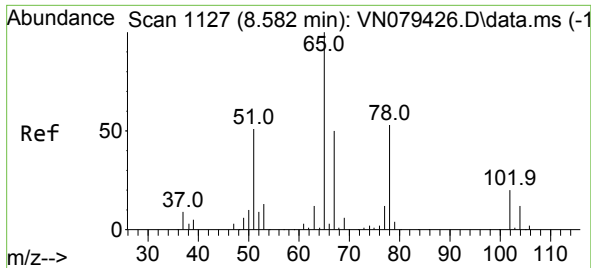
Tgt Ion: 83 Resp: 3402
Ion Ratio Lower Upper
83 100
85 42.0 55.4 83.0#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 56 Resp: 6914
Ion Ratio Lower Upper
56 100
69 162.2 26.8 40.2#
84 118.1 81.8 122.6

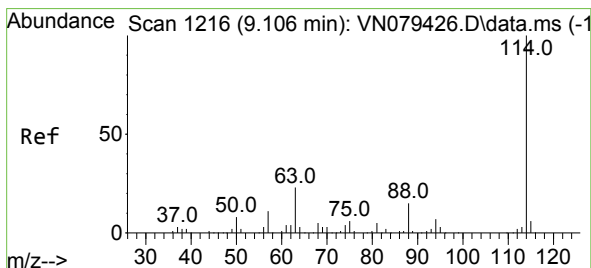
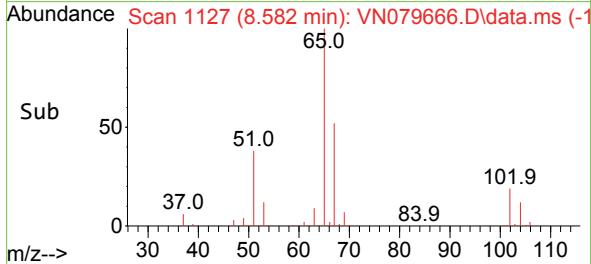
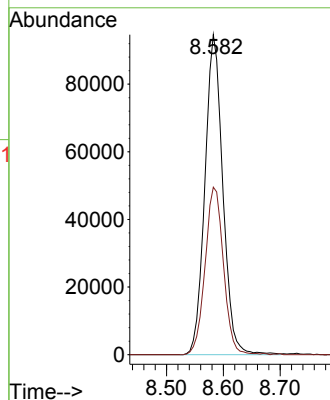
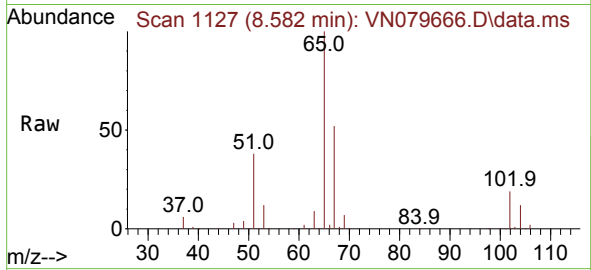




#33
 1,2-Dichloroethane-d4
 Concen: 51.760 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079666.D
 Acq: 24 Oct 2023 18:49

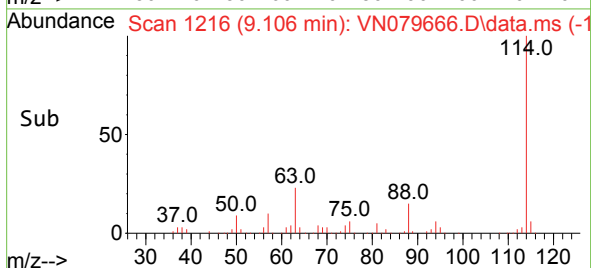
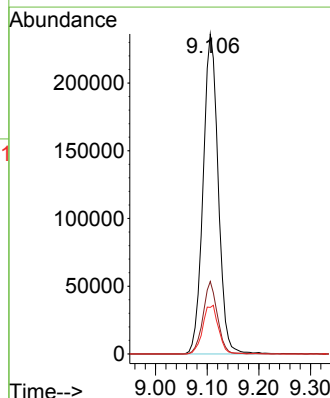
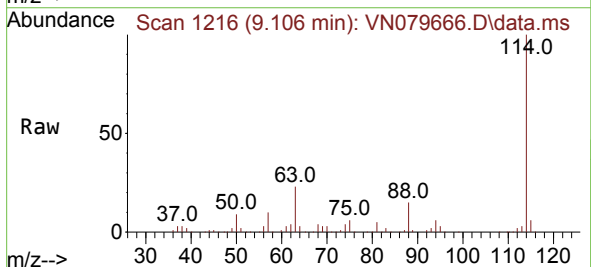
Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-43

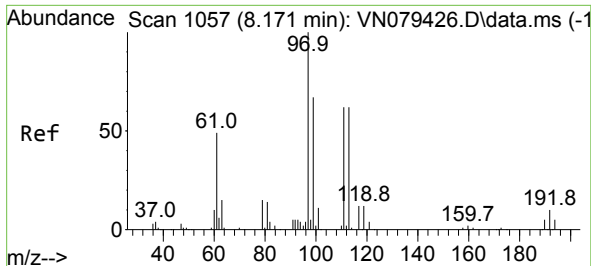
Tgt Ion: 65 Resp: 207166
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079666.D
 Acq: 24 Oct 2023 18:49

Tgt Ion: 114 Resp: 479603
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 36.4
 88 14.6 0.0 30.6

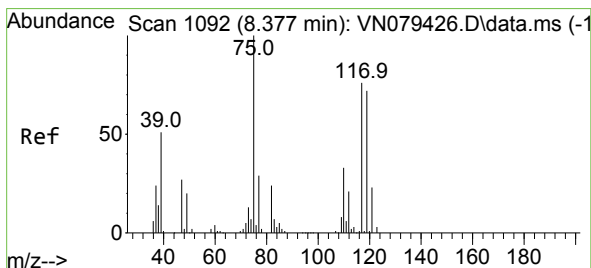
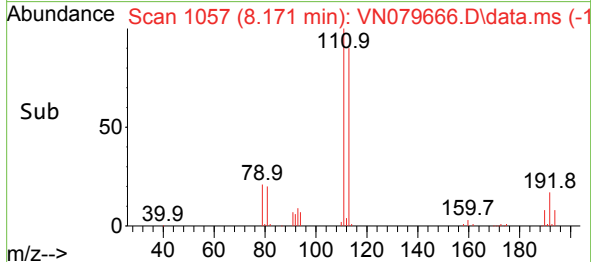
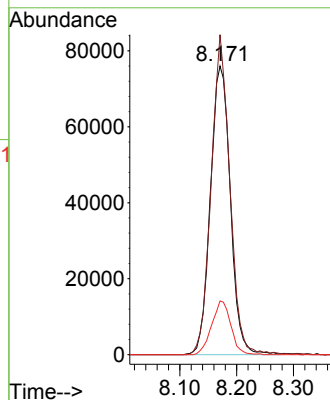
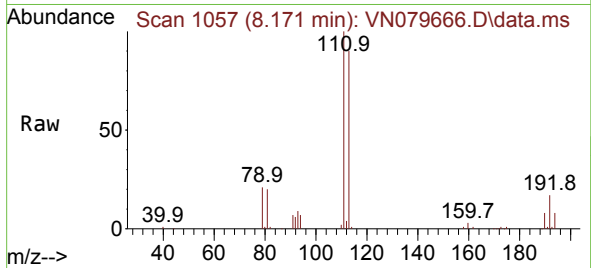




#35
Dibromofluoromethane
Concen: 53.700 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

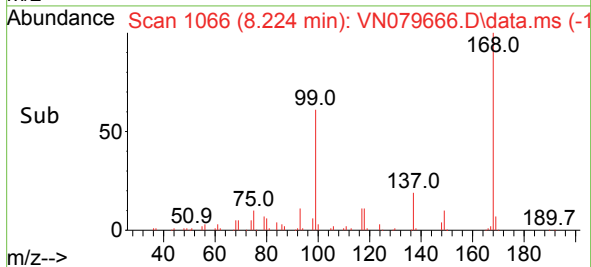
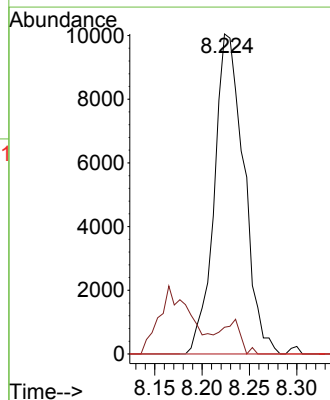
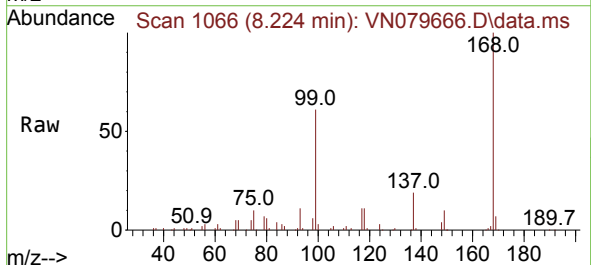
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

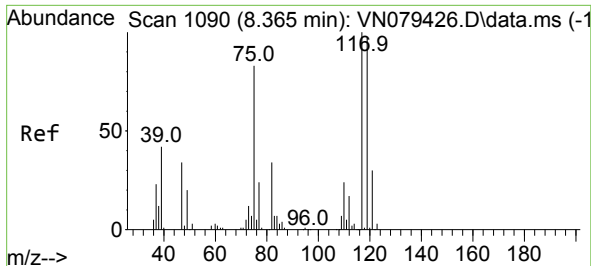
Tgt Ion:113 Resp: 185081
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.233 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

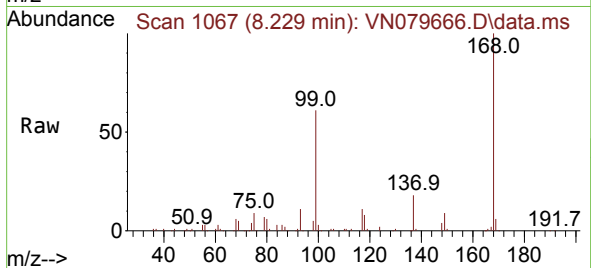
Tgt Ion: 75 Resp: 21895
Ion Ratio Lower Upper
75 100
110 6.8 19.1 57.3#
77 0.0 25.0 37.4#



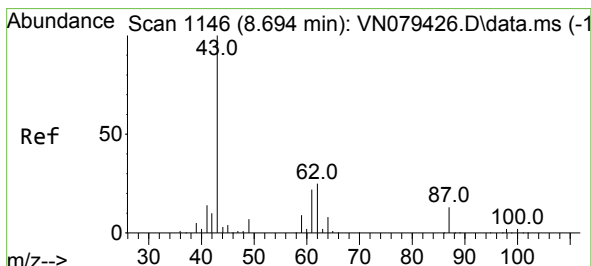
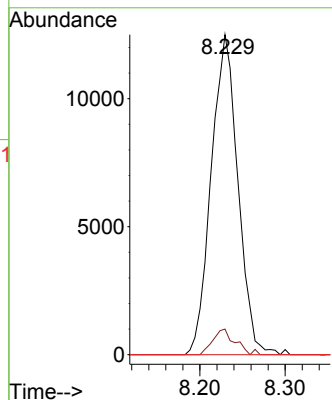
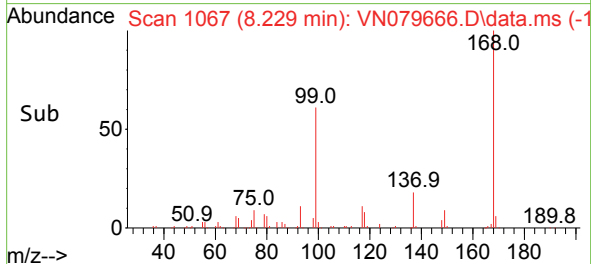


#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
231010082-43

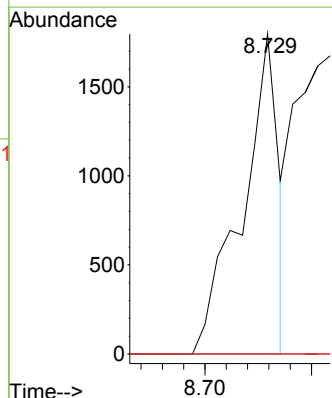
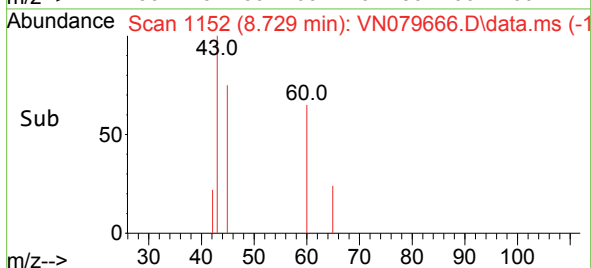
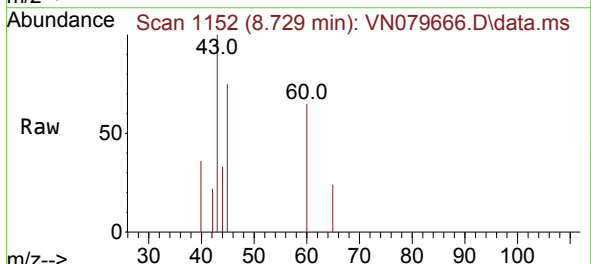


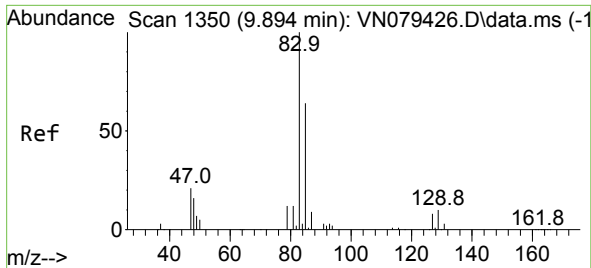
Tgt Ion:117 Resp: 27221
Ion Ratio Lower Upper
117 100
119 8.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.236 ug/l
RT: 8.729 min Scan# 1152
Delta R.T. 0.035 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

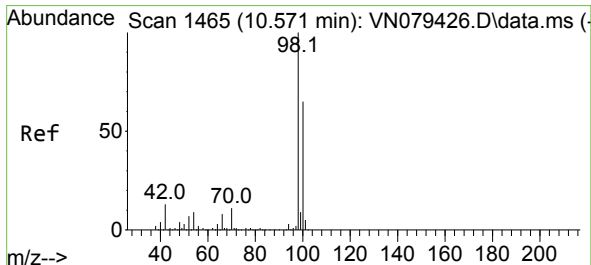
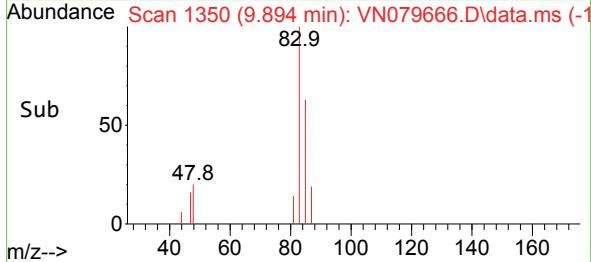
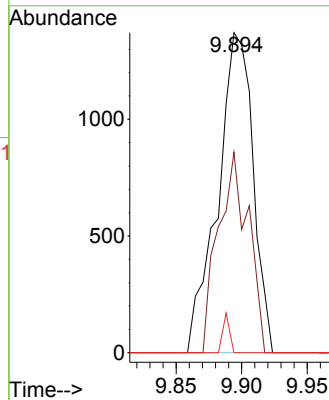
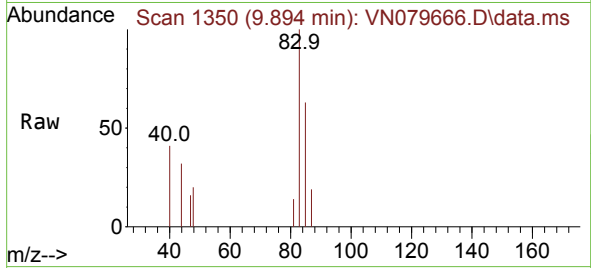




#47
Bromodichloromethane
Concen: 0.477 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

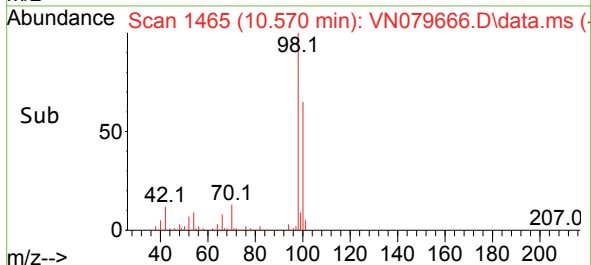
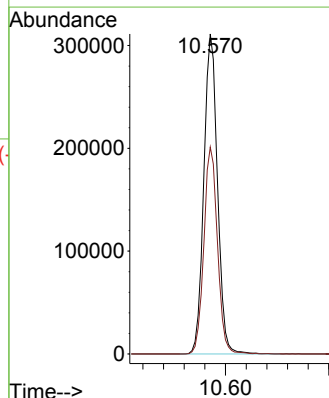
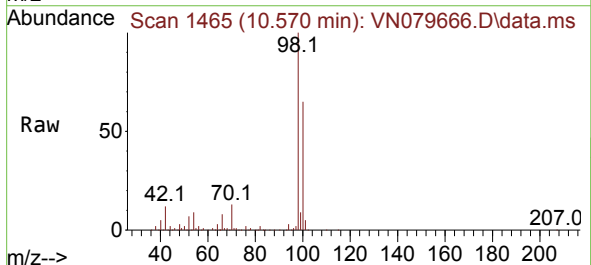
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

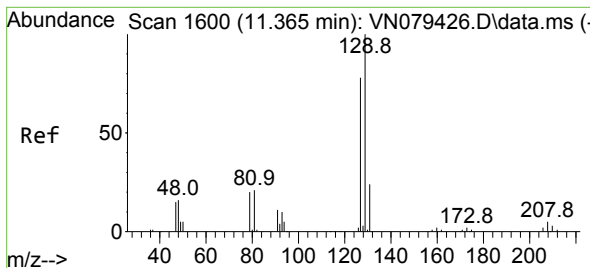
Tgt Ion: 83 Resp: 2572
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 45.721 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 98 Resp: 570182
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

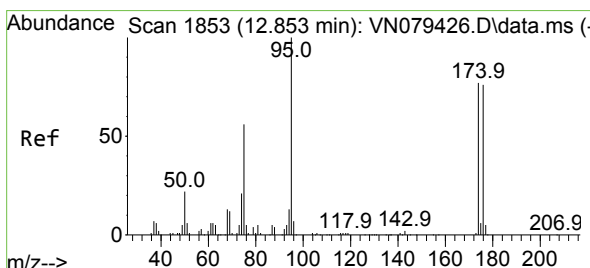
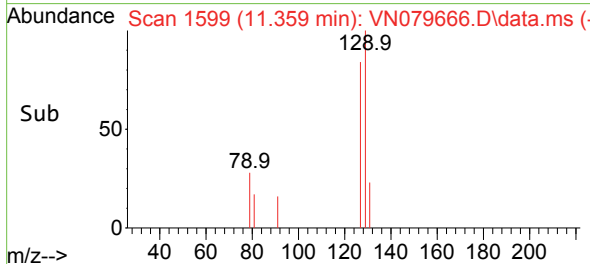
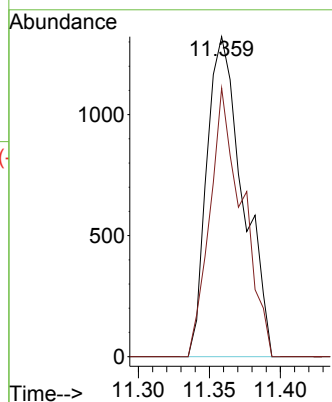
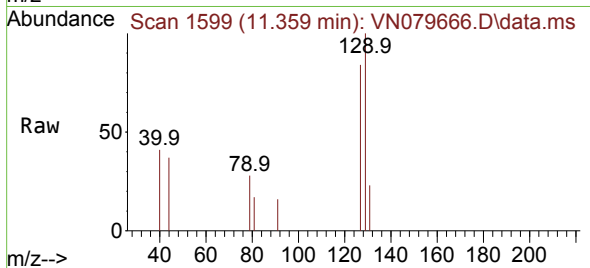




#60
Dibromochloromethane
Concen: 0.639 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

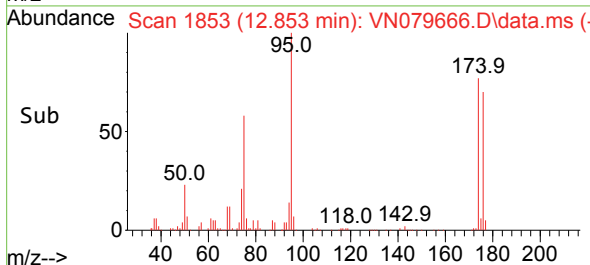
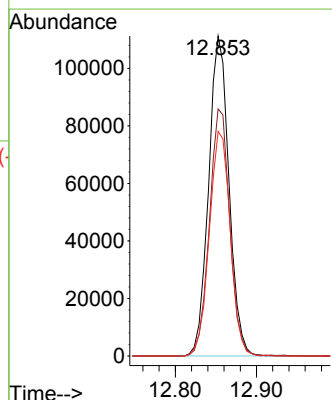
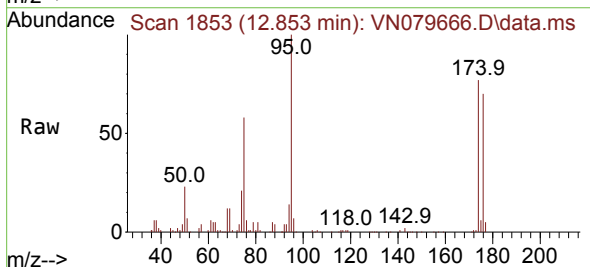
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

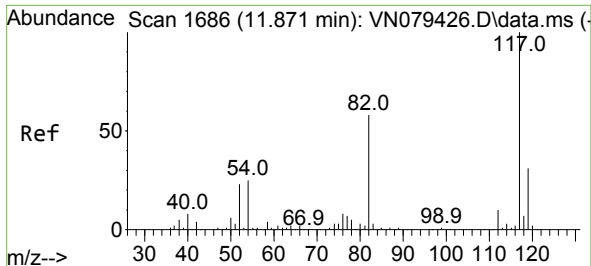
Tgt Ion:129 Resp: 2330
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 95 Resp: 193546
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 71.9 0.0 135.8

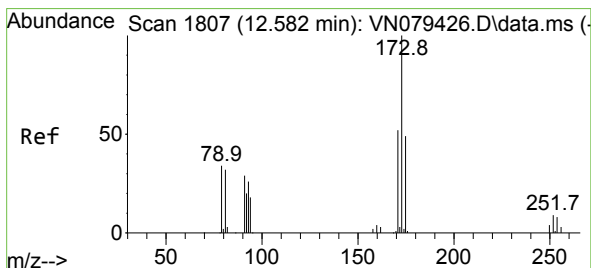
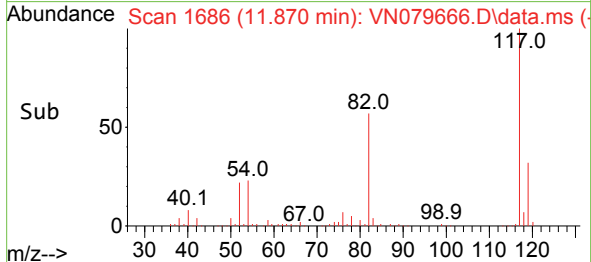
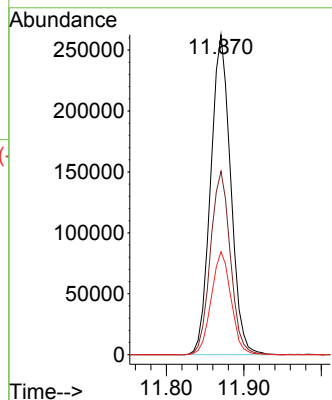
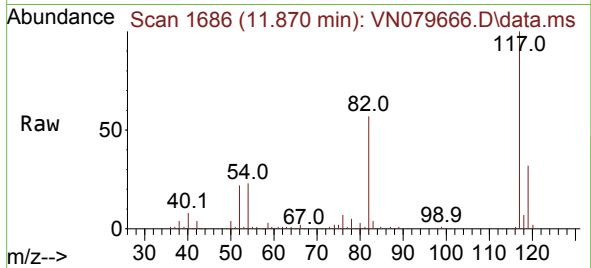




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

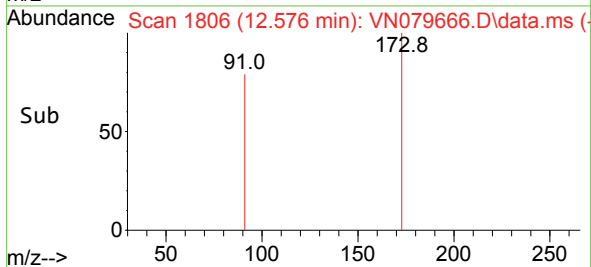
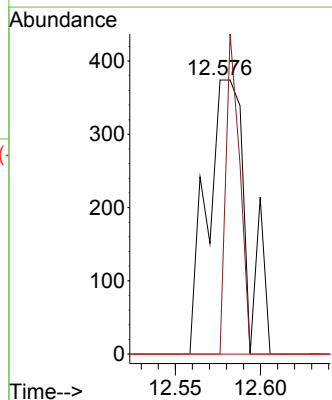
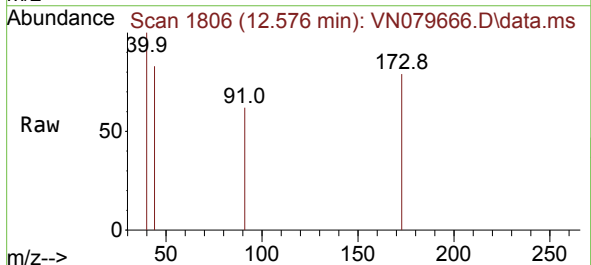
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

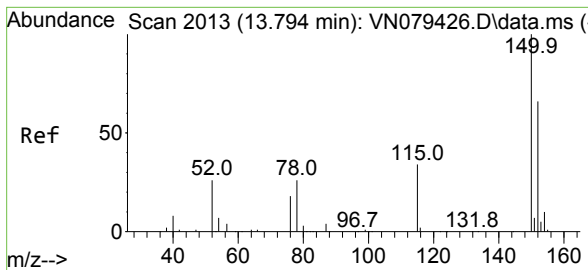
Tgt Ion:117 Resp: 470653
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.213 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion:173 Resp: 598
Ion Ratio Lower Upper
173 100
175 41.1 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# 20

Delta R.T. -0.000 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

231010082-43

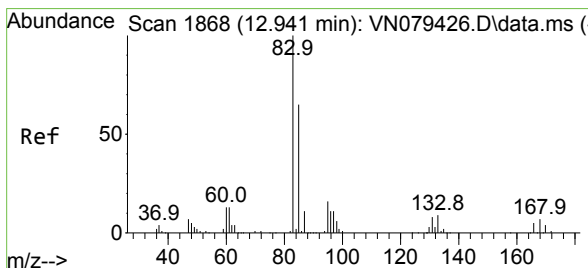
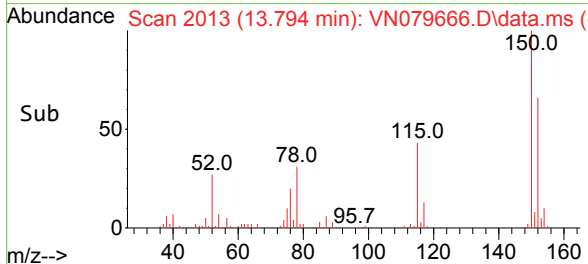
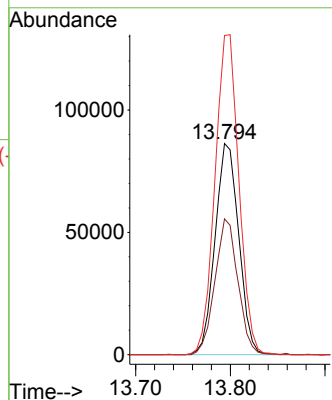
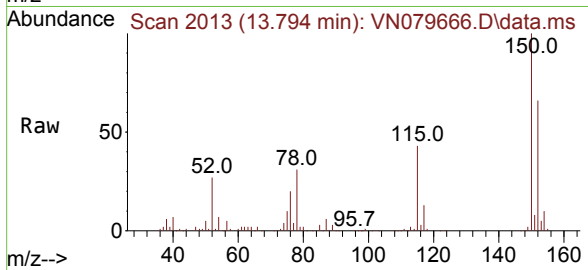
Tgt Ion:152 Resp: 150014

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 153.0 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.982 min Scan# 1875

Delta R.T. 0.041 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

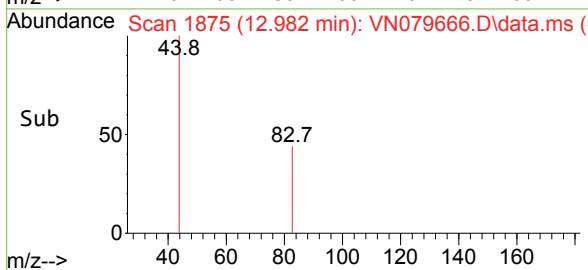
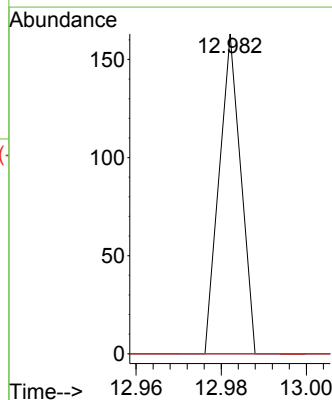
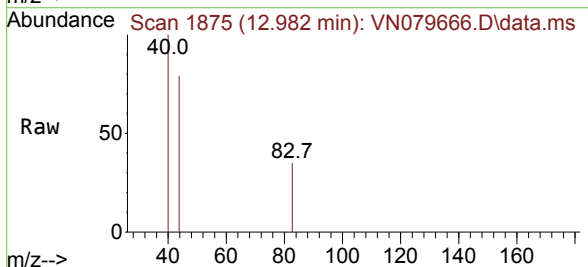
Tgt Ion: 83 Resp: 58

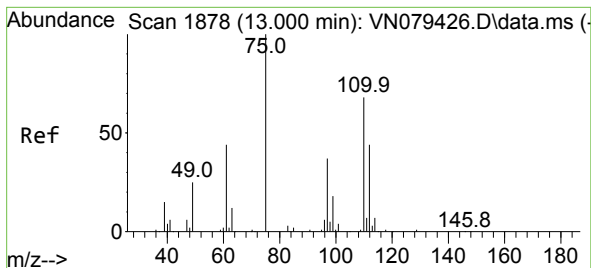
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 24.832 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

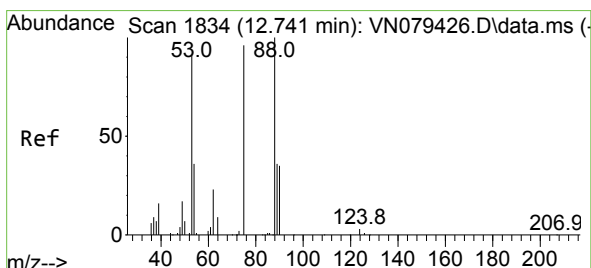
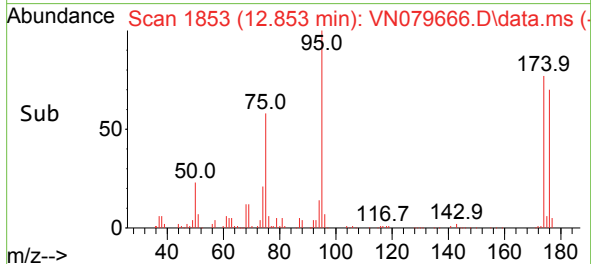
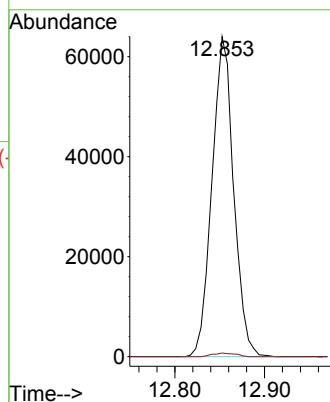
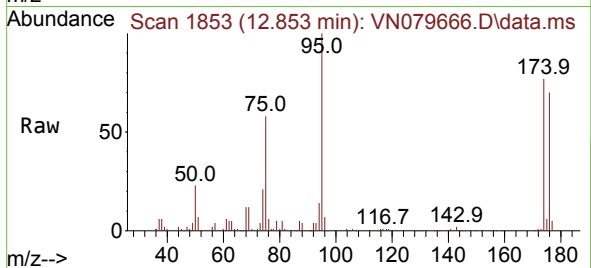
231010082-43

Tgt Ion: 75 Resp: 107407

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.052 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Tgt Ion: 75 Resp: 107407

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

