

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079445.D
 Acq On : 06 Oct 2023 14:18
 Operator : JC\MD
 Sample : 04689-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 06 23:03:28 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)

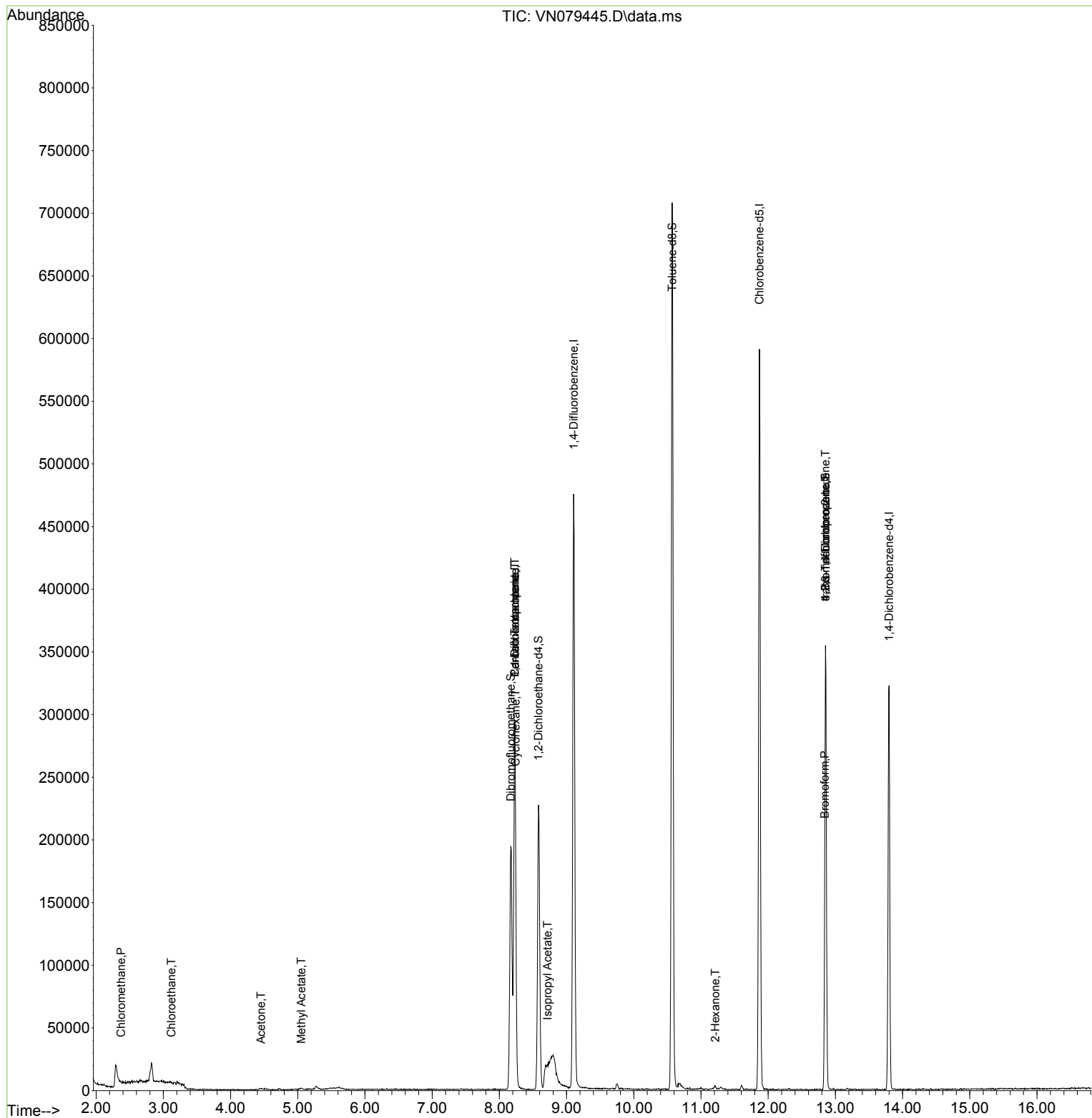
Internal Standards						
1) Pentafluorobenzene	8.230	168	198267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	328731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184010	57.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.480%
35) Dibromofluoromethane	8.171	113	139629	49.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	10.571	98	477737	46.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.853	95	117747	35.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	71.300%#
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	849	0.239	ug/l #	42
6) Chloroethane	3.118	64	969	0.349	ug/l #	43
16) Acetone	4.453	43	1074	0.842	ug/l #	81
18) Methyl Acetate	5.053	43	2278	0.365	ug/l #	46
20) Methylene Chloride	5.271	84	1502	Below Cal	#	81
31) Cyclohexane	8.241	56	5319	1.166	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	19052	4.462	ug/l #	47
38) Carbon Tetrachloride	8.230	117	22379	5.236	ug/l #	17
43) Isopropyl Acetate	8.718	43	21467	2.884	ug/l #	50
59) 2-Hexanone	11.212	43	941	0.310	ug/l #	27
71) Bromoform	12.841	173	867	0.442	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.835	83	62	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	65827	27.145	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65827	78.762	ug/l #	15

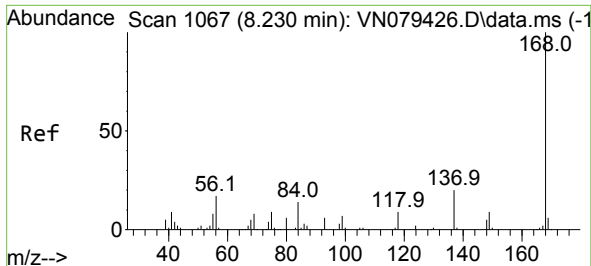
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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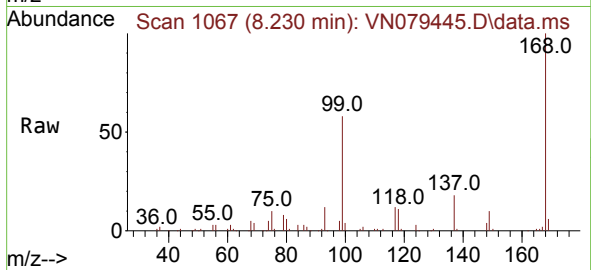
Quant Time: Oct 06 23:03:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



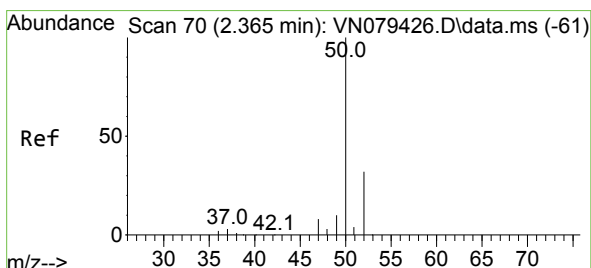
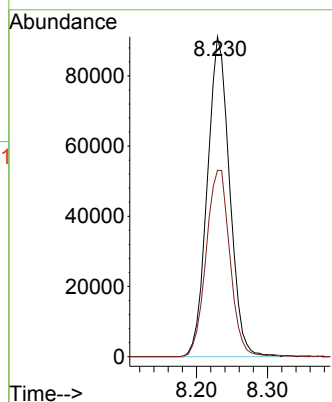
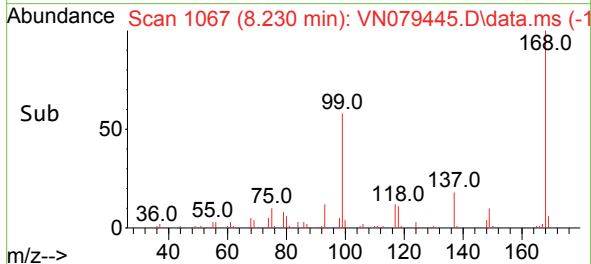


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Instrument :
MSVOA_N
ClientSampleId :

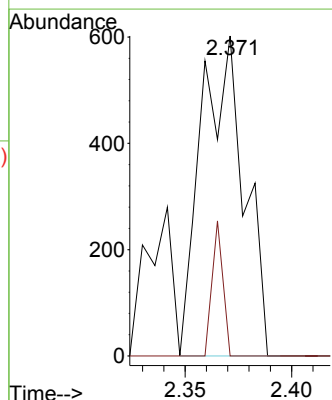
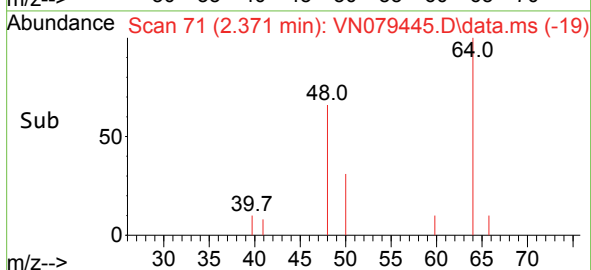
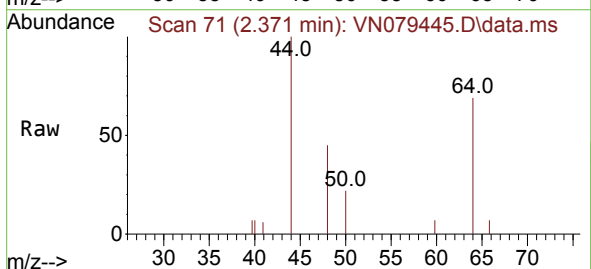


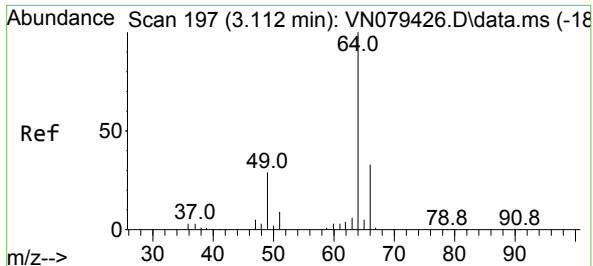
Tgt Ion:168 Resp: 198267
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6



#3
Chloromethane
Concen: 0.239 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Tgt Ion: 50 Resp: 849
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

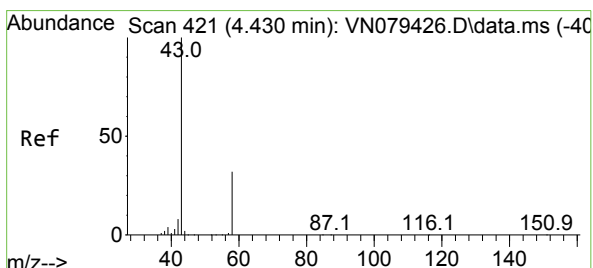
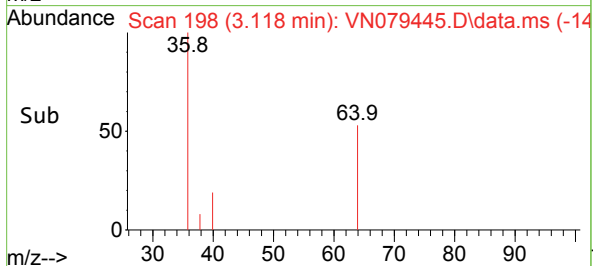
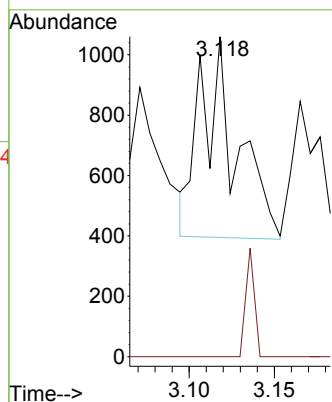
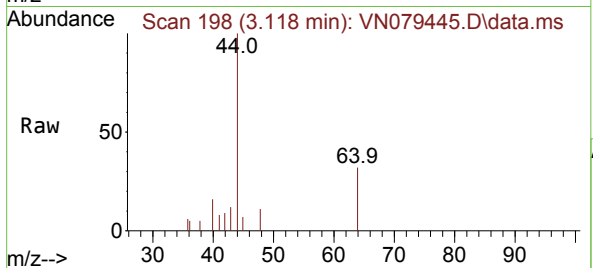




#6
Chloroethane
Concen: 0.349 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

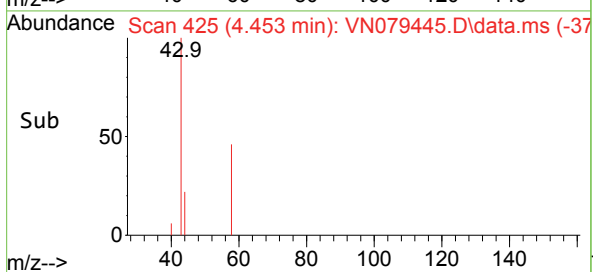
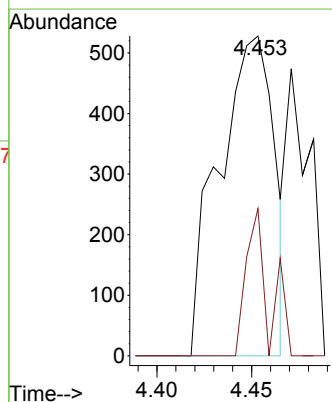
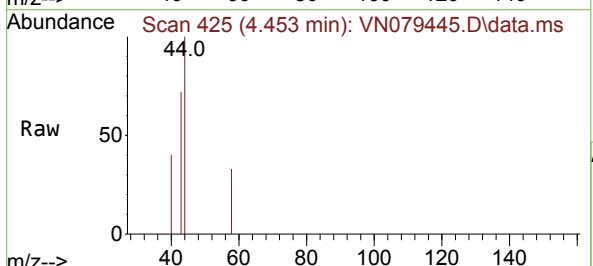
Instrument :
MSVOA_N
ClientSampleId :

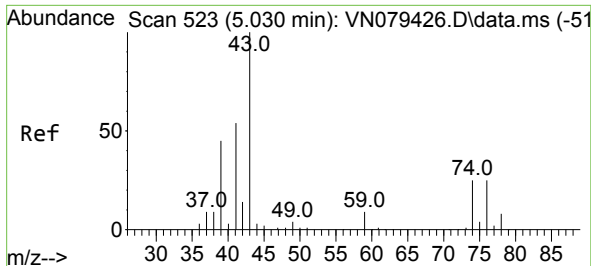
Tgt Ion: 64 Resp: 969
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.842 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

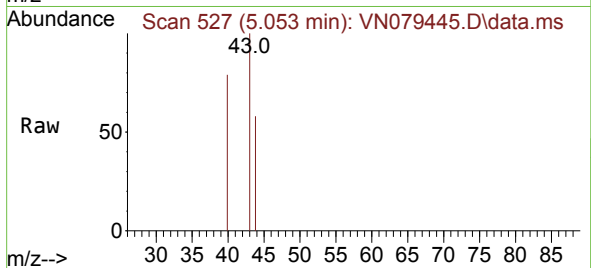
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 46.0 28.0 42.0#



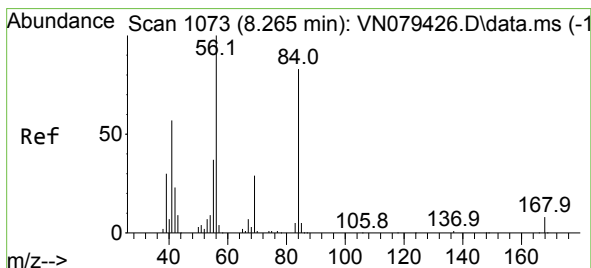
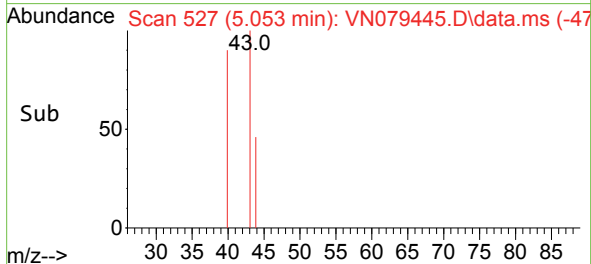
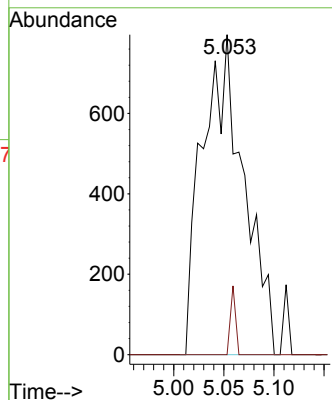


#18
Methyl Acetate
Concen: 0.365 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Instrument :
MSVOA_N
ClientSampleId :

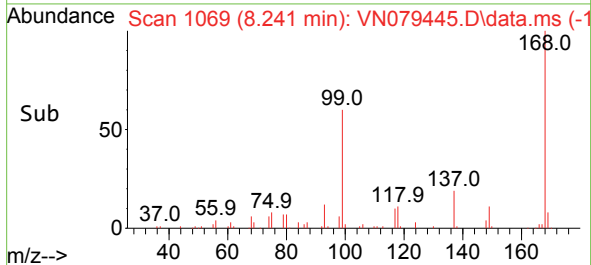
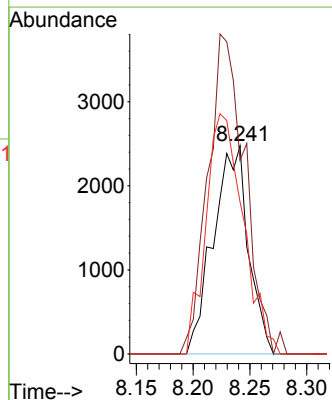
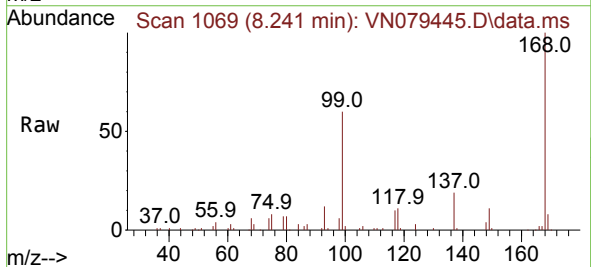


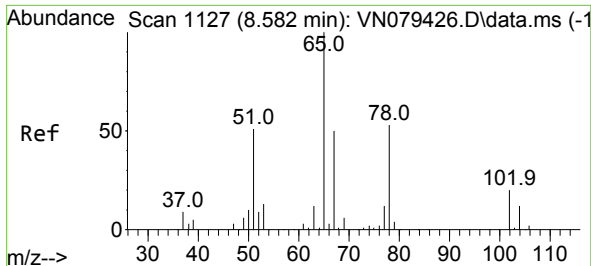
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
74 2.6 26.2 39.4#



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Tgt Ion: 56 Resp: 5319
Ion Ratio Lower Upper
56 100
69 93.0 26.8 40.2#
84 73.0 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 57.239 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079445.D

Acq: 06 Oct 2023 14:18

Instrument :

MSVOA_N

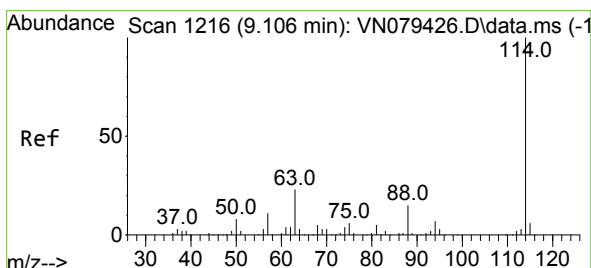
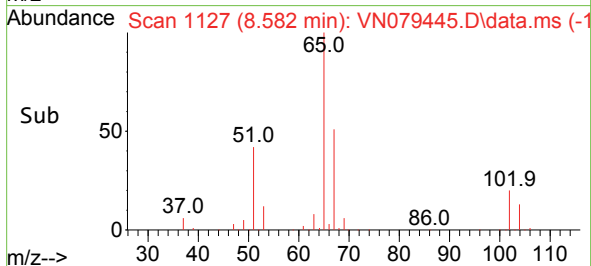
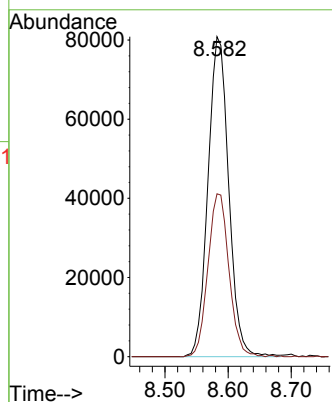
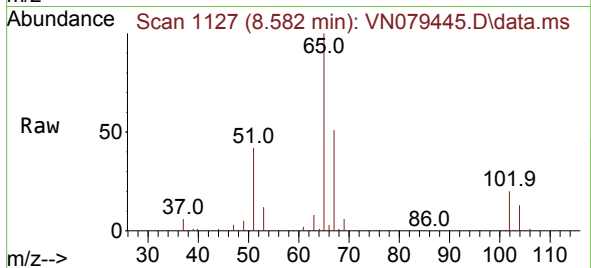
ClientSampleId :

Tgt Ion: 65 Resp: 184010

Ion Ratio Lower Upper

65 100

67 51.7 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: VN079445.D

Acq: 06 Oct 2023 14:18

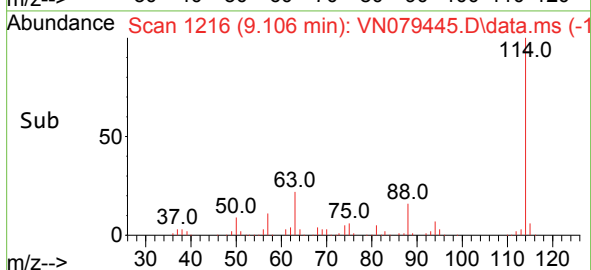
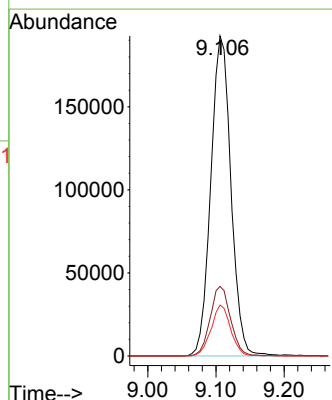
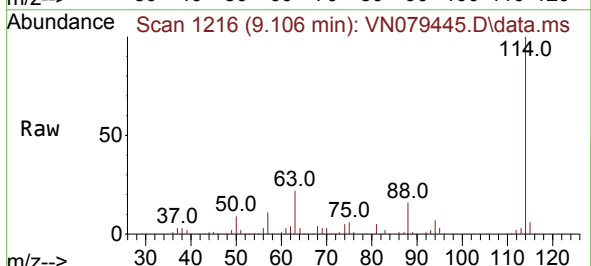
Tgt Ion: 114 Resp: 395847

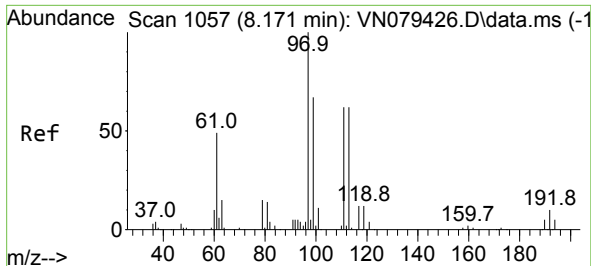
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.084 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

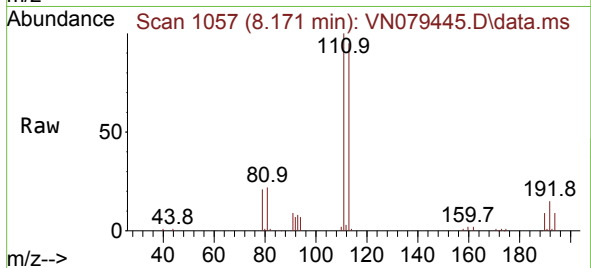
Lab File: VN079445.D

Acq: 06 Oct 2023 14:18

Instrument :

MSVOA_N

ClientSampleId :



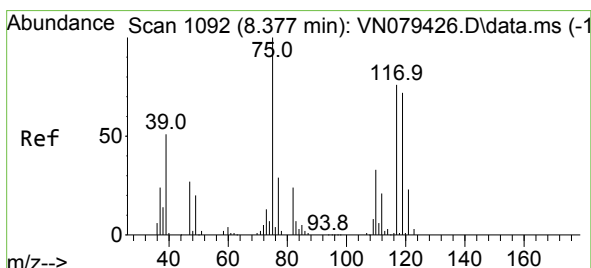
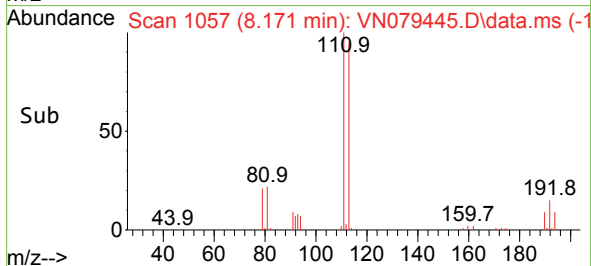
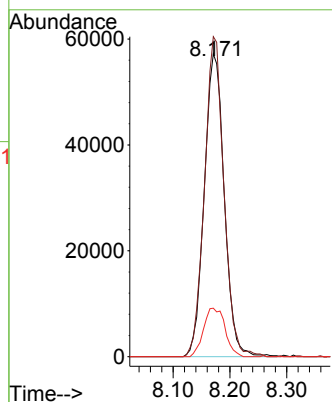
Tgt Ion:113 Resp: 139629

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.462 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079445.D

Acq: 06 Oct 2023 14:18

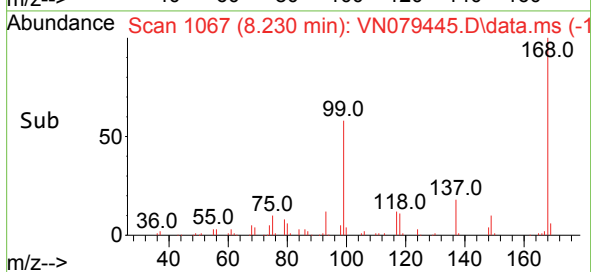
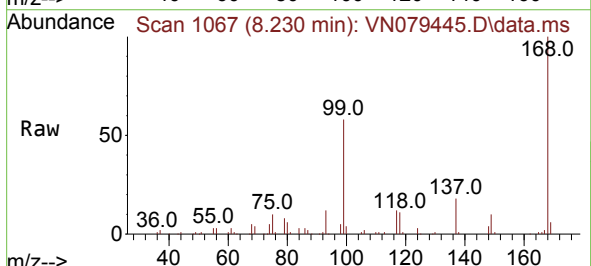
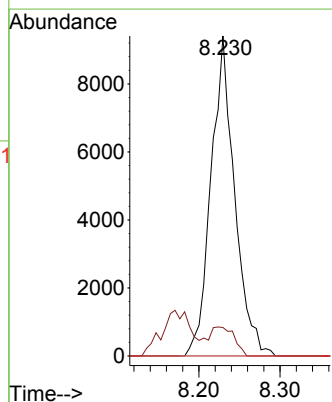
Tgt Ion: 75 Resp: 19052

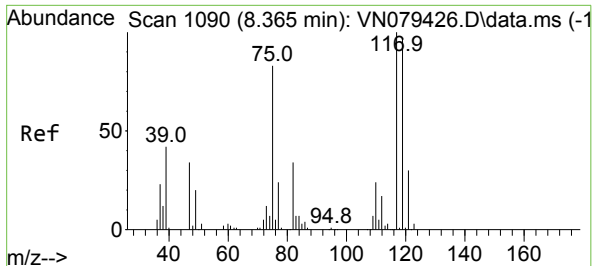
Ion Ratio Lower Upper

75 100

110 8.4 19.1 57.3#

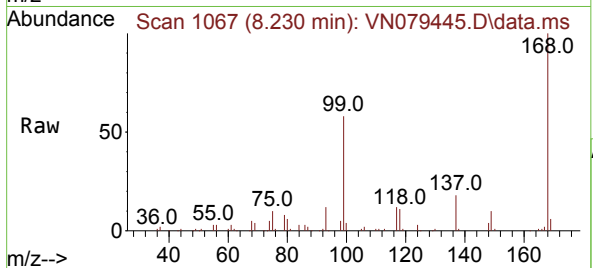
77 0.0 25.0 37.4#



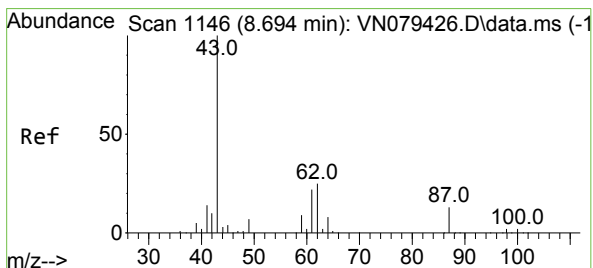
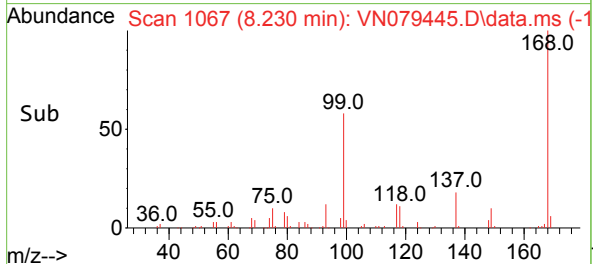
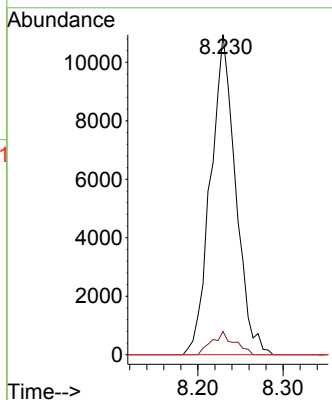


#38
Carbon Tetrachloride
Concen: 5.236 ug/l
RT: 8.230 min Scan# 1150
Delta R.T. -0.135 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Instrument :
MSVOA_N
ClientSampleId :

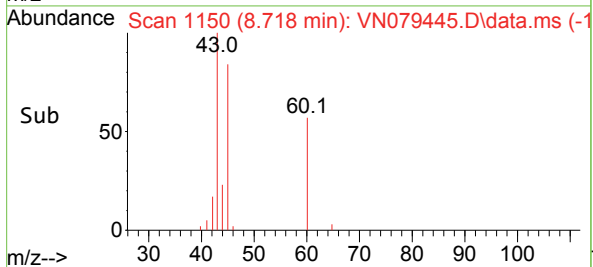
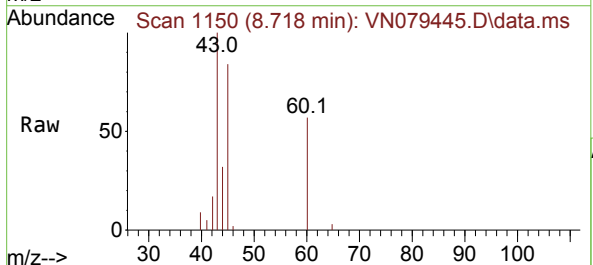
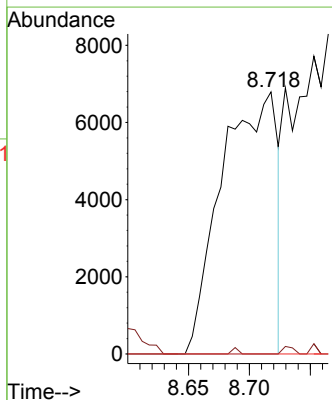


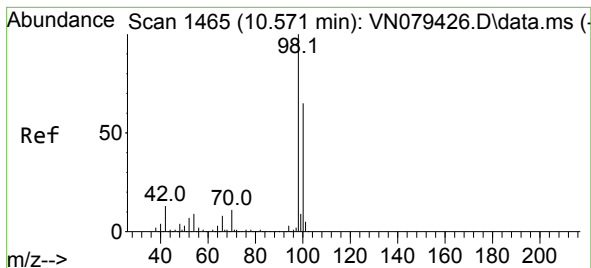
Tgt Ion:117 Resp: 22379
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 2.884 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.023 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Tgt Ion: 43 Resp: 21467
Ion Ratio Lower Upper
43 100
61 0.6 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 46.414 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079445.D

Acq: 06 Oct 2023 14:18

Instrument :

MSVOA_N

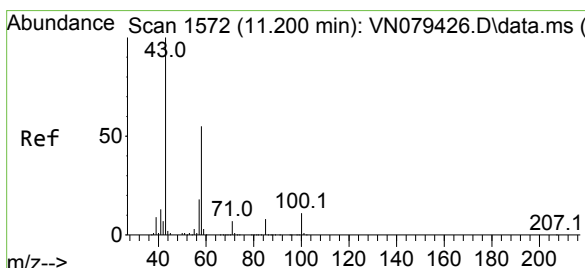
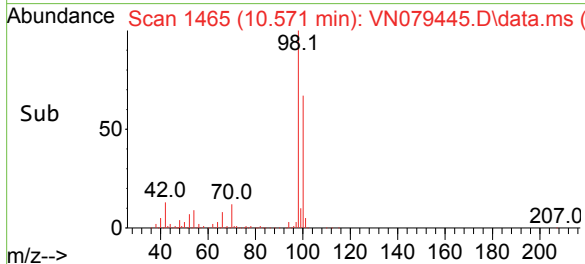
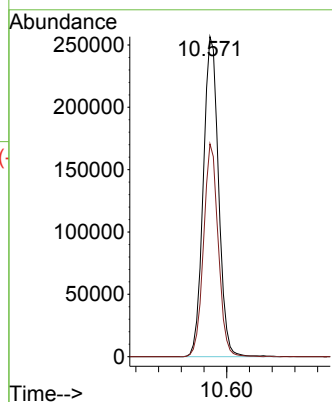
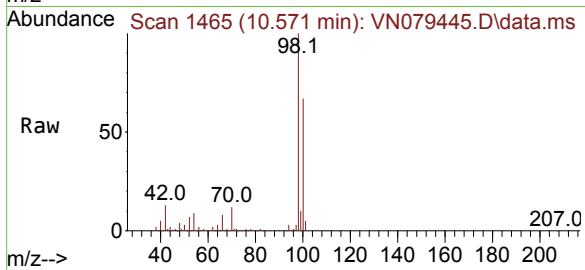
ClientSampleId :

Tgt Ion: 98 Resp: 477737

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#59

2-Hexanone

Concen: 0.310 ug/l

RT: 11.212 min Scan# 1574

Delta R.T. 0.012 min

Lab File: VN079445.D

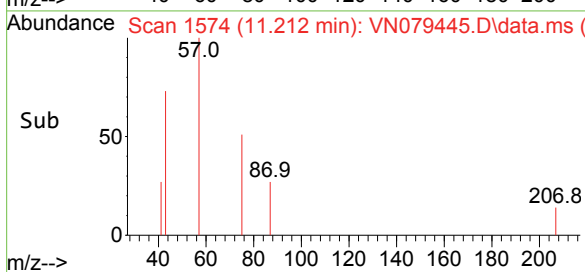
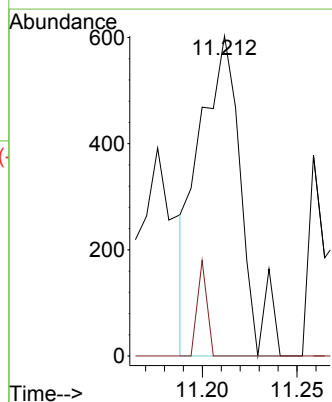
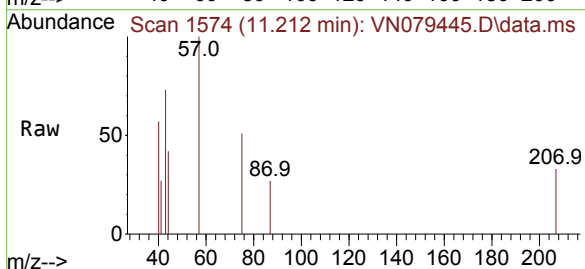
Acq: 06 Oct 2023 14:18

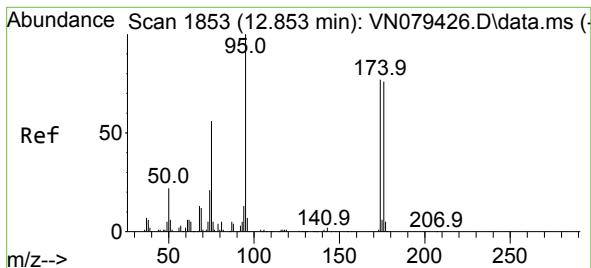
Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

58 6.8 31.7 95.1#

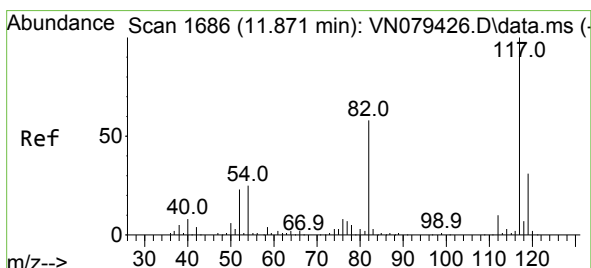
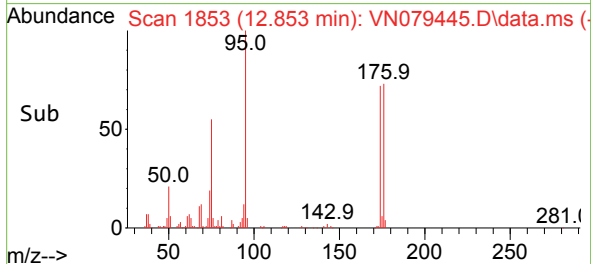
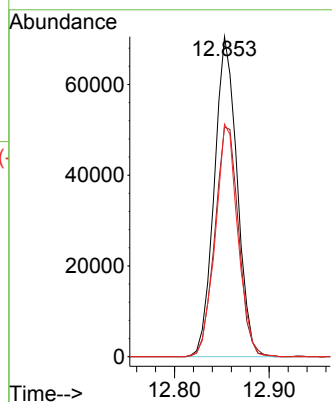
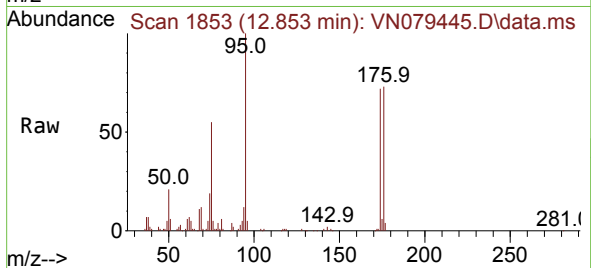




#62
4-Bromofluorobenzene
Concen: 35.646 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

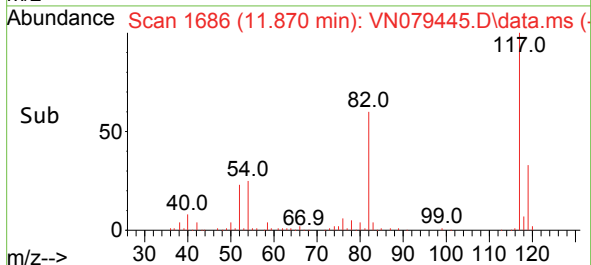
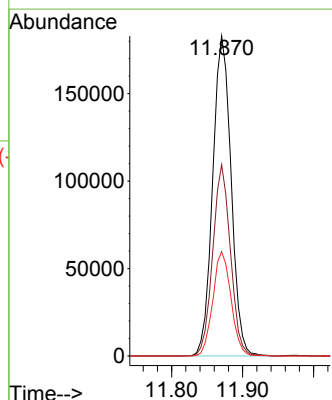
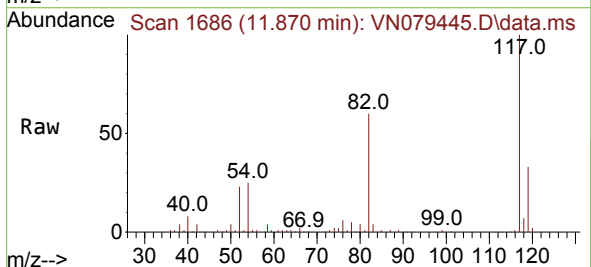
Instrument :
MSVOA_N
ClientSampleId :

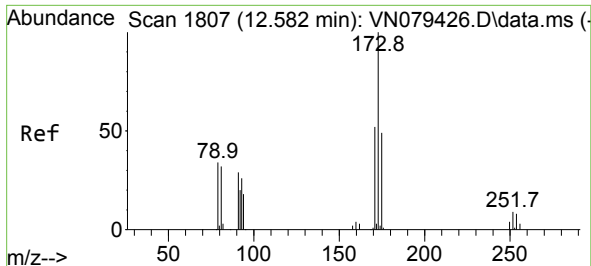
Tgt Ion: 95 Resp: 117747
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Tgt Ion: 117 Resp: 328731
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.6 25.6 38.4

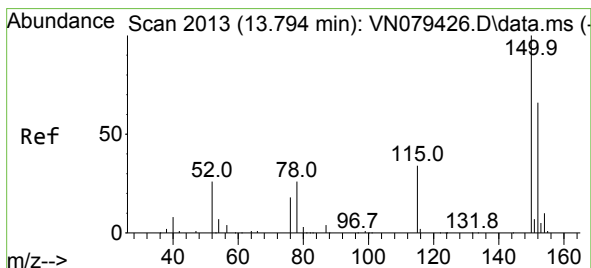
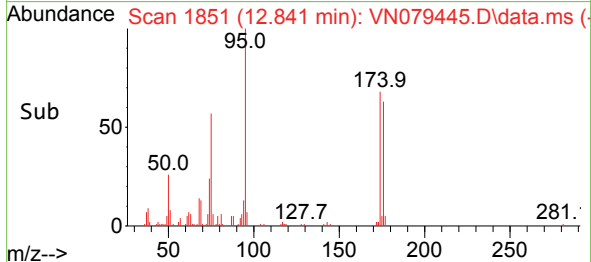
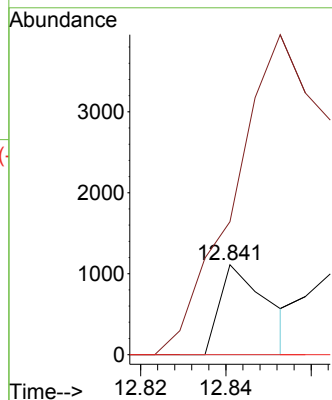
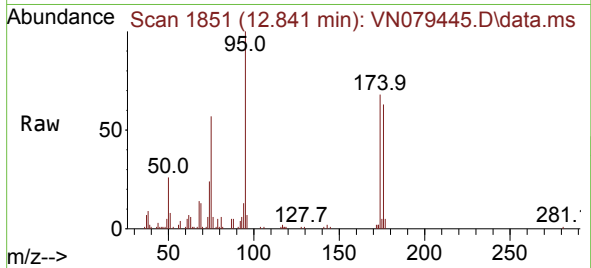




#71
Bromoform
Concen: 0.442 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

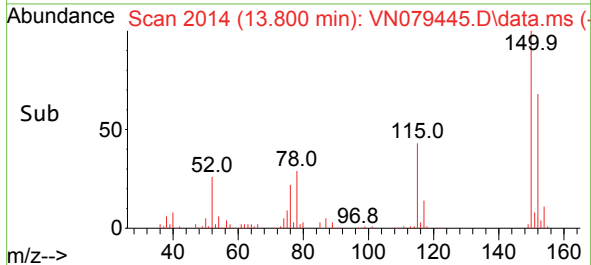
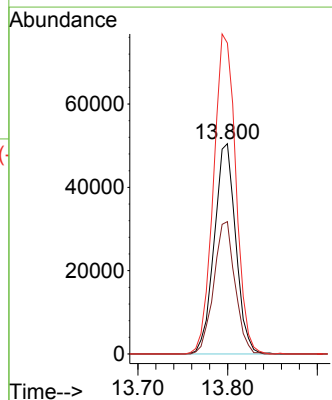
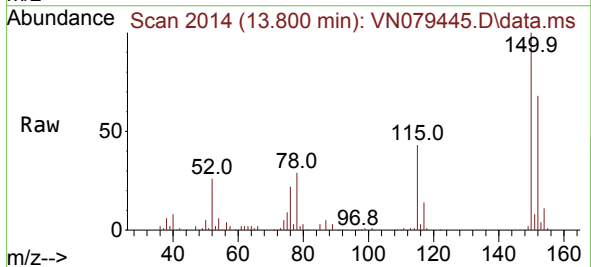
Instrument :
MSVOA_N
ClientSampleId :

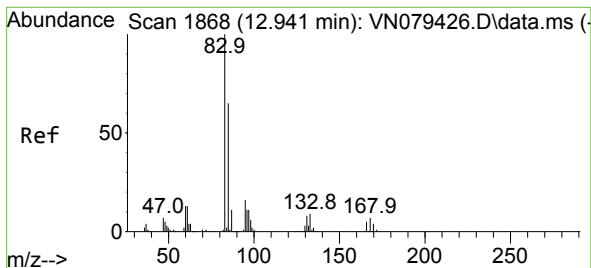
Tgt Ion:173 Resp: 867
Ion Ratio Lower Upper
173 100
175 549.1 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079445.D
Acq: 06 Oct 2023 14:18

Tgt Ion:152 Resp: 84107
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 157.5 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.835 min Scan# 1850

Delta R.T. -0.106 min

Lab File: VN079445.D

Acq: 06 Oct 2023 14:18

Instrument :

MSVOA_N

ClientSampleId :

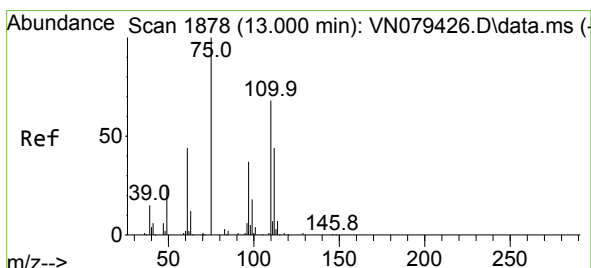
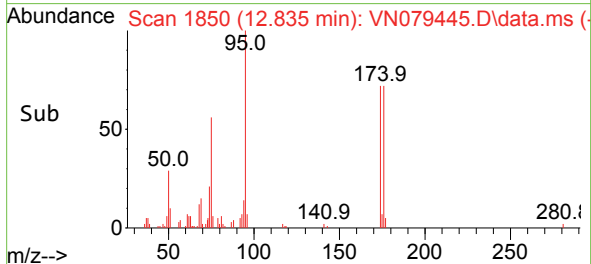
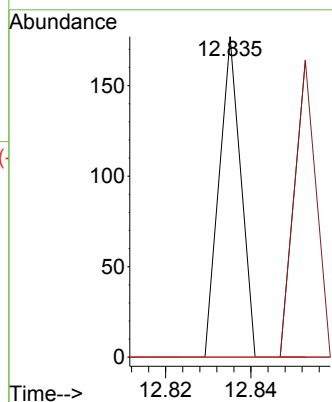
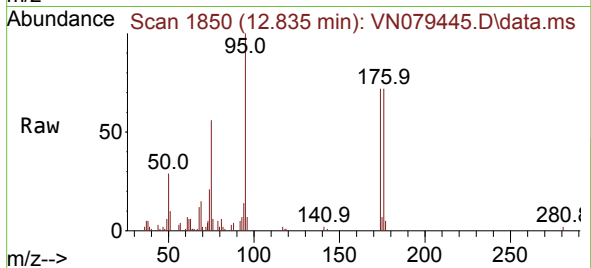
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 93.5 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 27.145 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079445.D

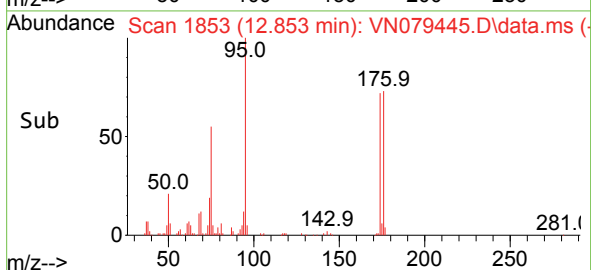
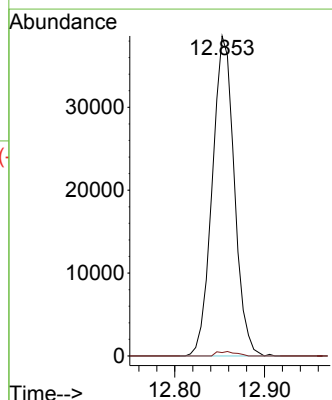
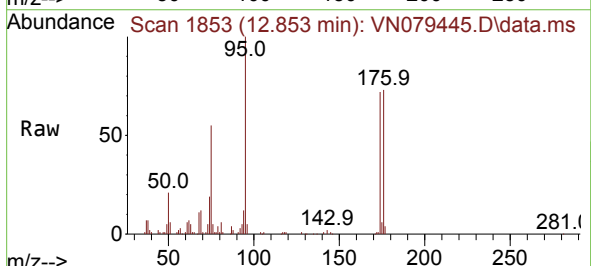
Acq: 06 Oct 2023 14:18

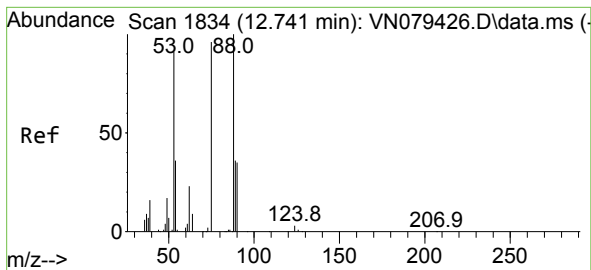
Tgt Ion: 75 Resp: 65827

Ion Ratio Lower Upper

75 100

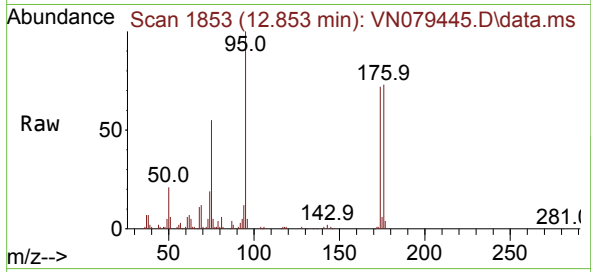
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.762 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079445.D
 Acq: 06 Oct 2023 14:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 65827
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

