

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079281.D
 Acq On : 15 Sep 2023 18:55
 Operator : JC\MD
 Sample : 04436-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:57:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

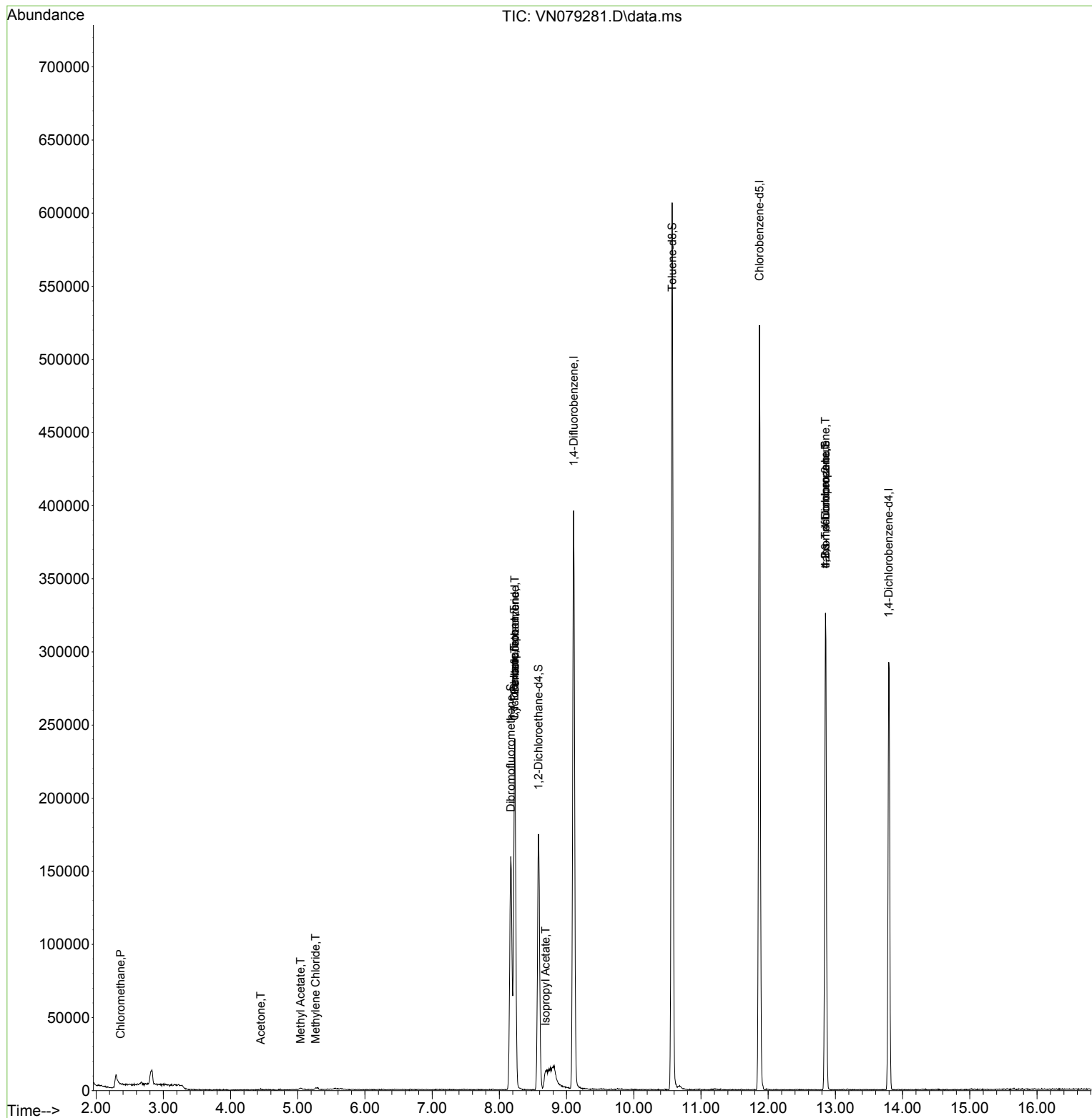
Internal Standards						
1) Pentafluorobenzene	8.230	168	164401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141026	63.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.100%#	
35) Dibromofluoromethane	8.171	113	113942	51.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	10.571	98	397320	49.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.853	95	110111	42.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	570	0.267	ug/l	96
6) Chloroethane	3.112	64	954	Below Cal	#	43
16) Acetone	4.448	43	587	0.623	ug/l #	40
18) Methyl Acetate	5.042	43	2332	0.602	ug/l #	52
20) Methylene Chloride	5.265	84	536	0.234	ug/l #	79
31) Cyclohexane	8.224	56	4451	1.374	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	14648	4.324	ug/l #	42
38) Carbon Tetrachloride	8.230	117	18312	5.224	ug/l #	16
43) Isopropyl Acetate	8.688	43	8907	1.616	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	60599	29.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60599	79.795	ug/l #	15

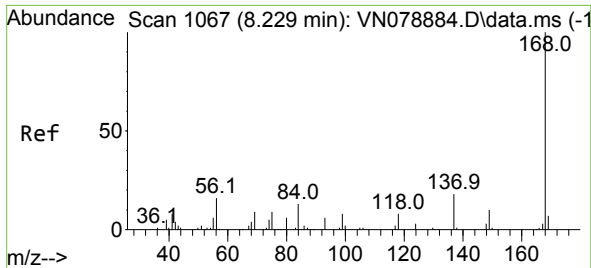
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
Data File : VN079281.D
Acq On : 15 Sep 2023 18:55
Operator : JC\MD
Sample : 04436-22
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

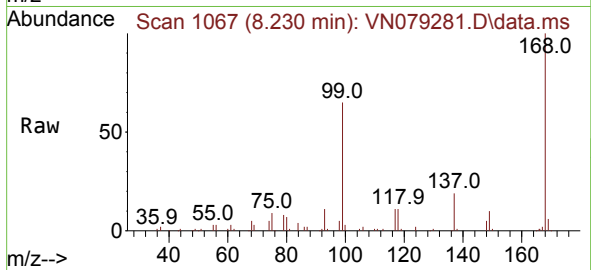
Quant Time: Sep 16 01:57:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



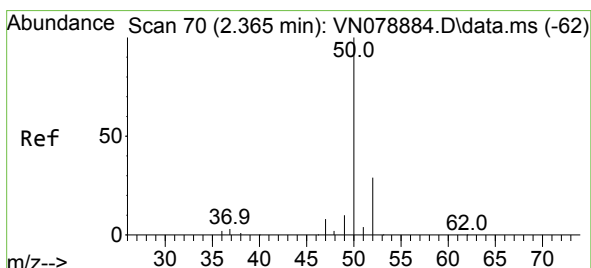
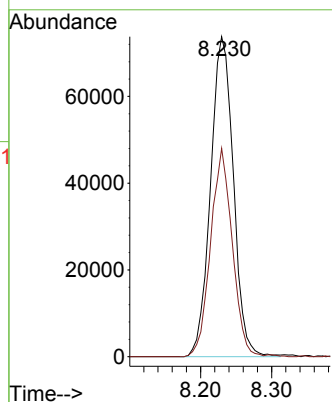
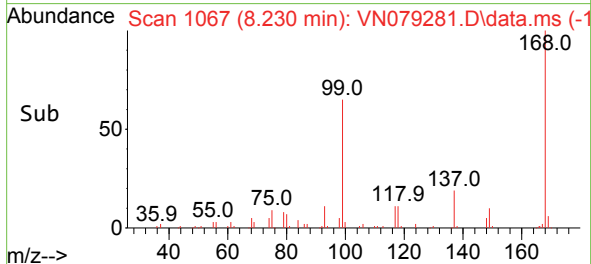


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :

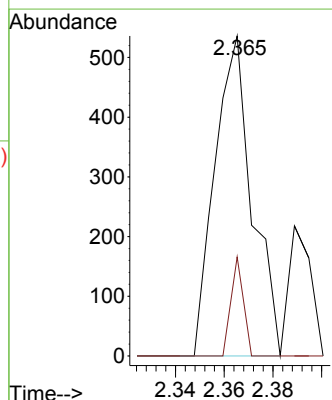
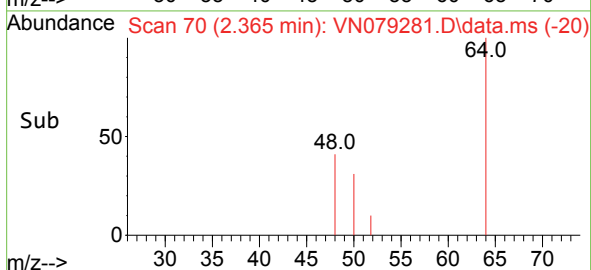
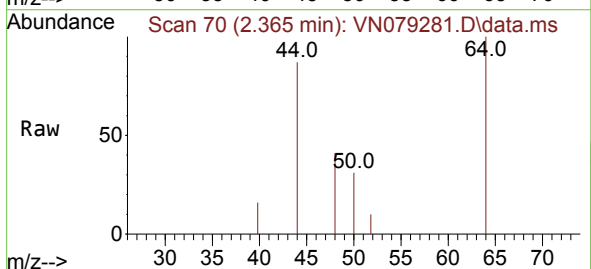


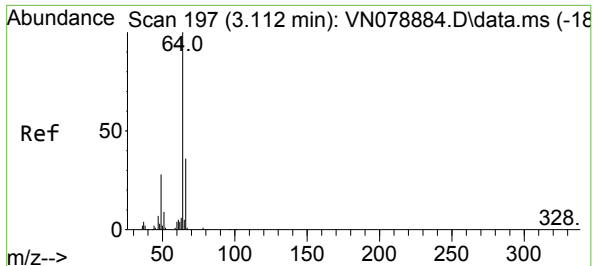
Tgt Ion:168 Resp: 164401
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 50 Resp: 570
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

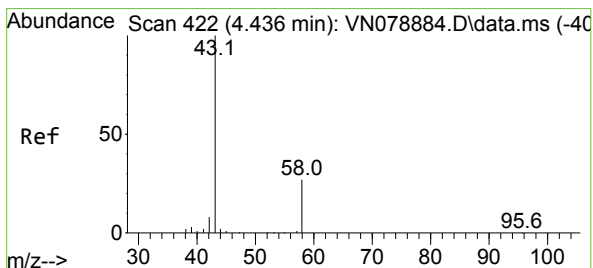
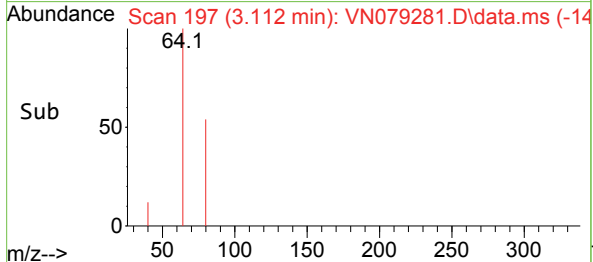
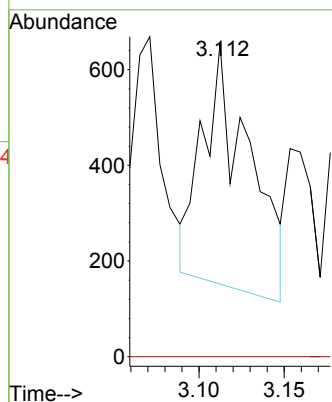
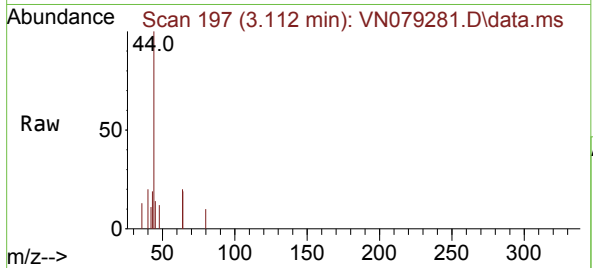




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

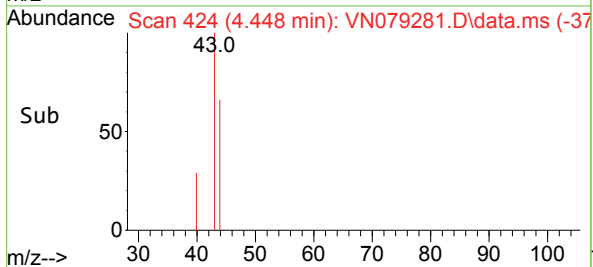
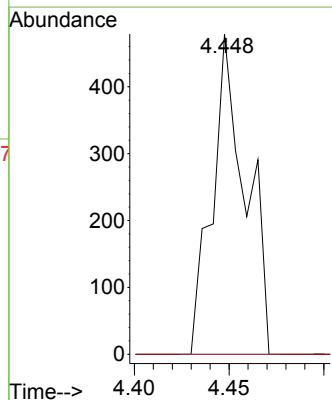
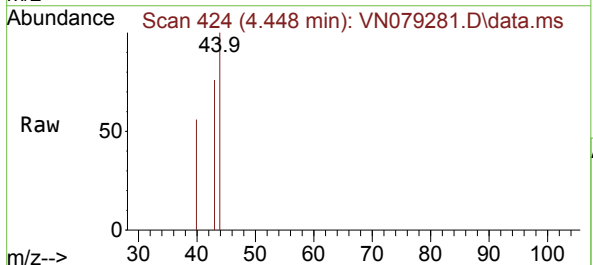
Instrument :
MSVOA_N
ClientSampleId :

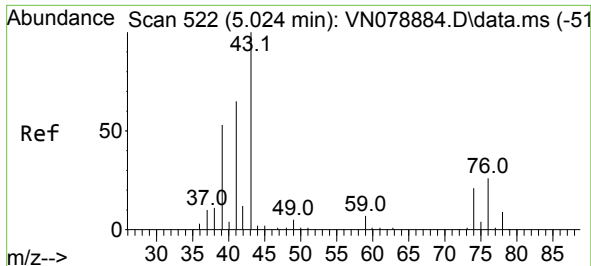
Tgt Ion: 64 Resp: 954
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.623 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

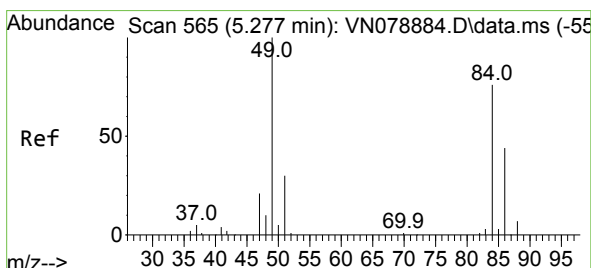
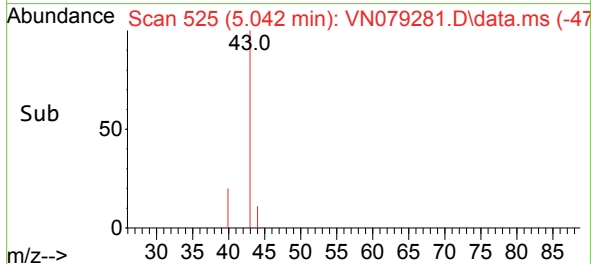
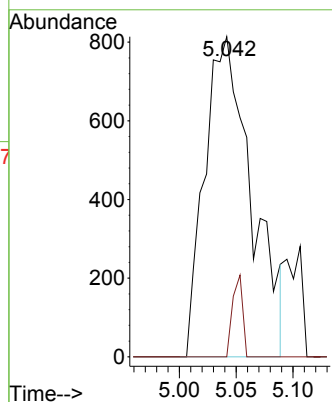
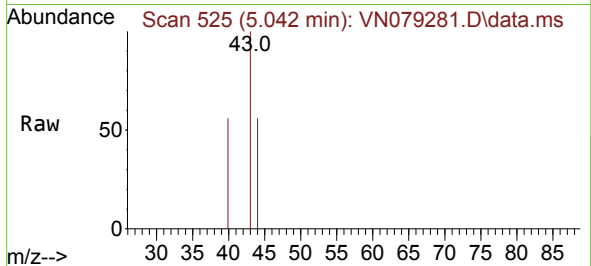




#18
Methyl Acetate
Concen: 0.602 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

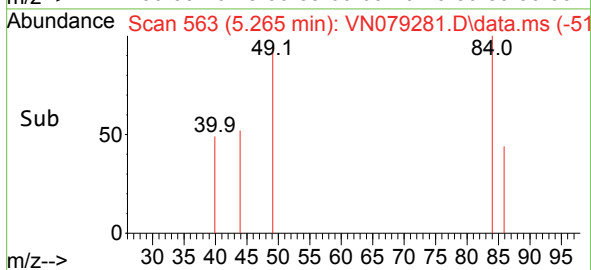
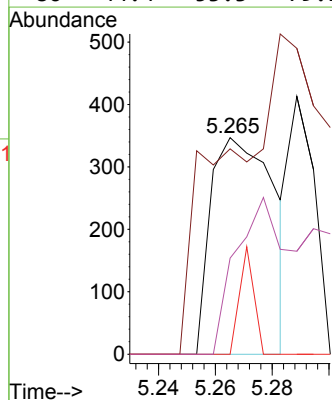
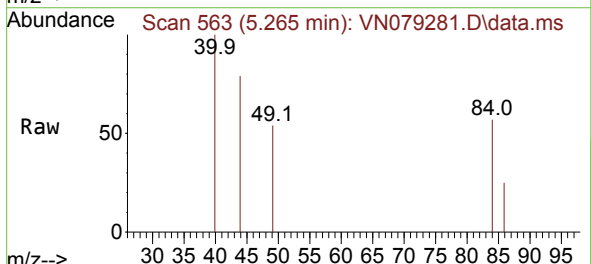
Instrument :
MSVOA_N
ClientSampleId :

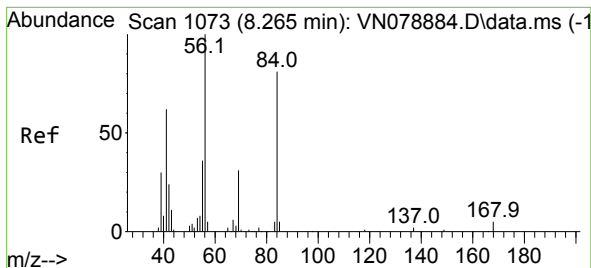
Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
74 5.5 26.2 39.4#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.018 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 84 Resp: 536
Ion Ratio Lower Upper
84 100
49 94.8 79.7 119.5
51 0.0 25.2 37.8#
86 44.4 53.3 79.9#





#31

Cyclohexane

Concen: 1.374 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

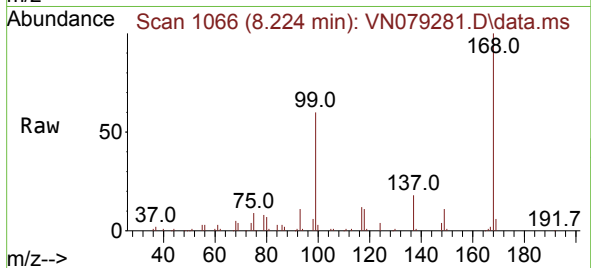
Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :



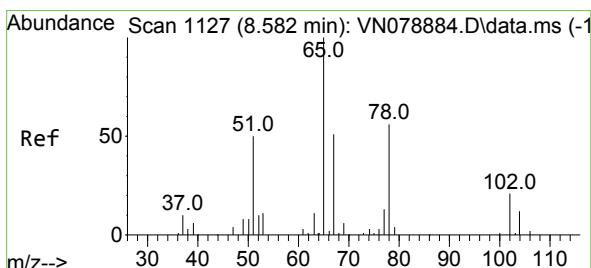
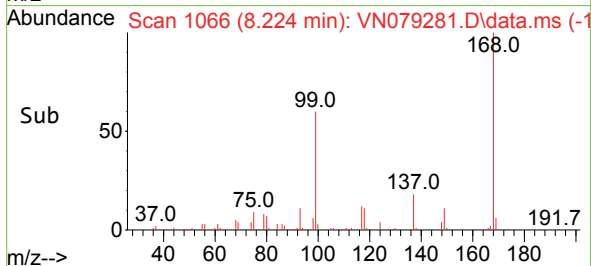
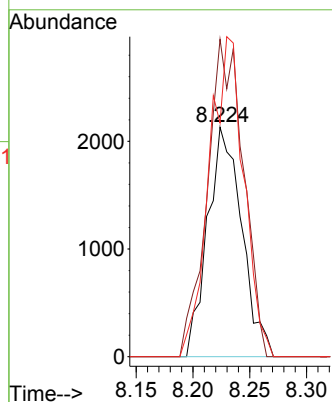
Tgt Ion: 56 Resp: 4451

Ion Ratio Lower Upper

56 100

69 138.3 26.8 40.2#

84 101.8 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 63.547 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079281.D

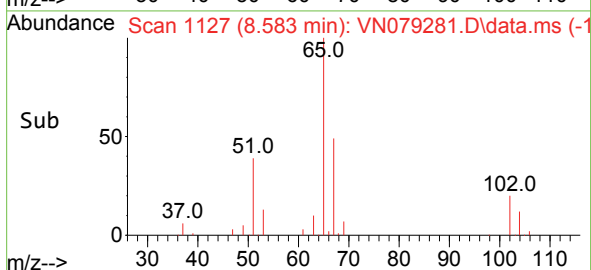
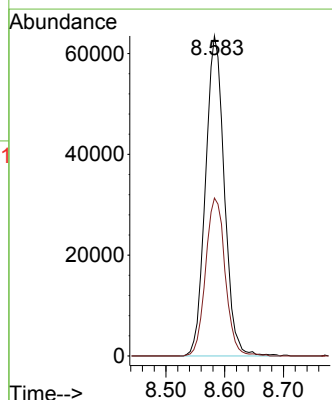
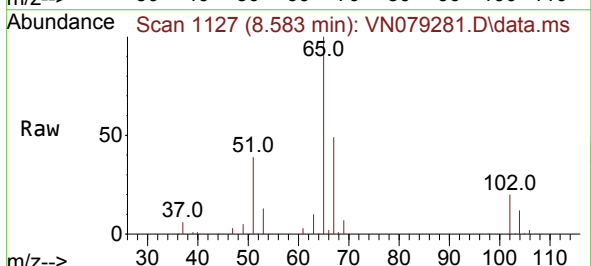
Acq: 15 Sep 2023 18:55

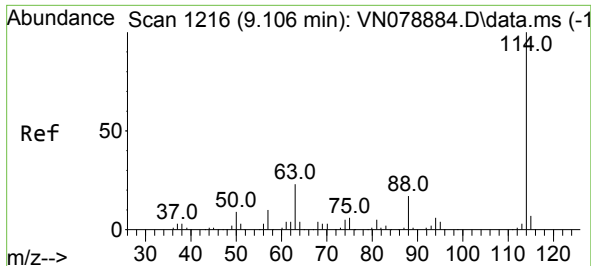
Tgt Ion: 65 Resp: 141026

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

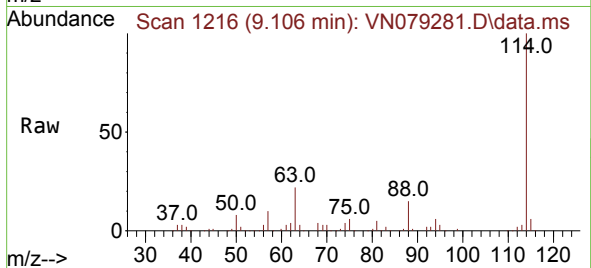
Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :



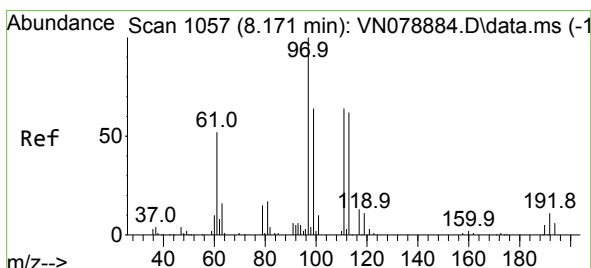
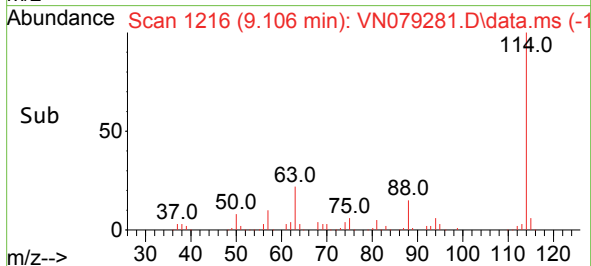
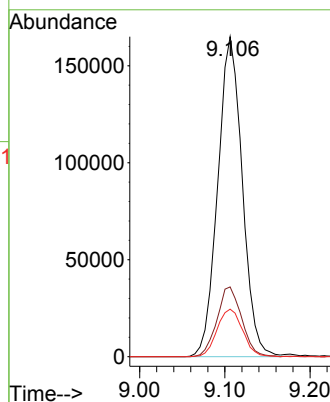
Tgt Ion:114 Resp: 330368

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.850 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

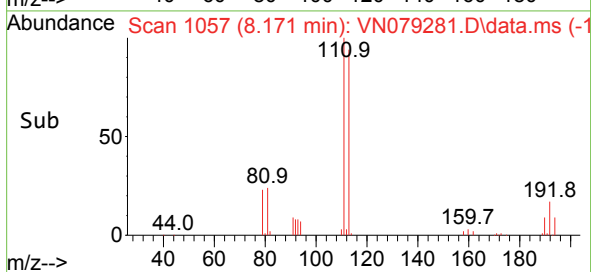
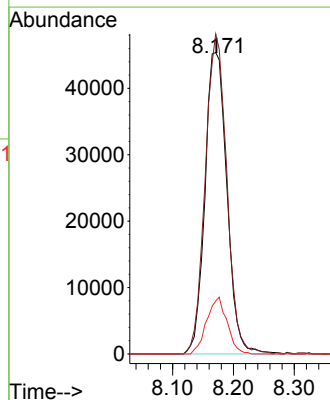
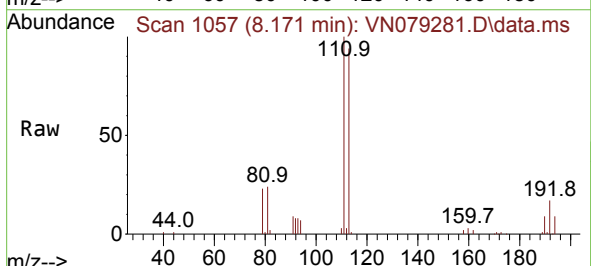
Tgt Ion:113 Resp: 113942

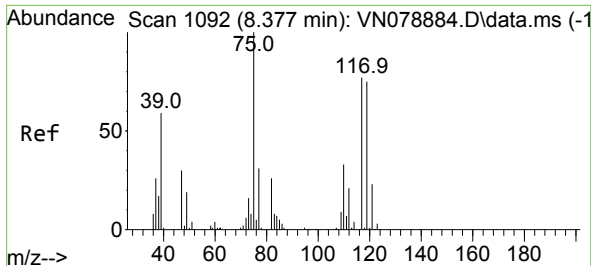
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

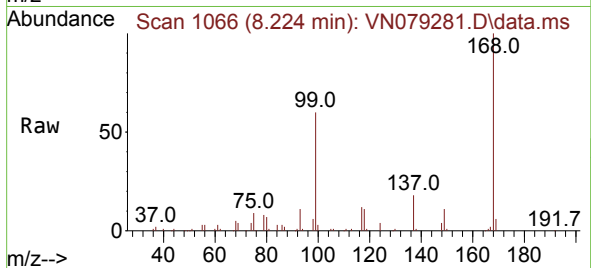
Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :



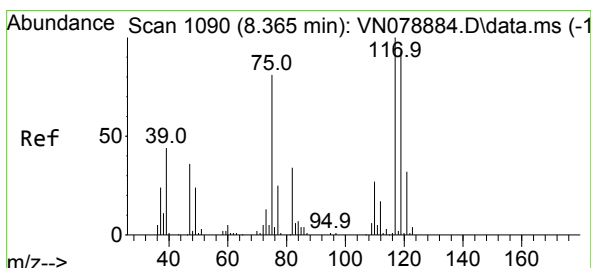
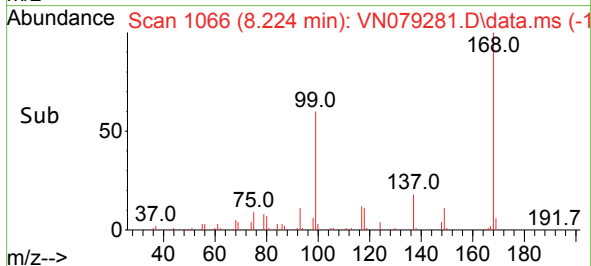
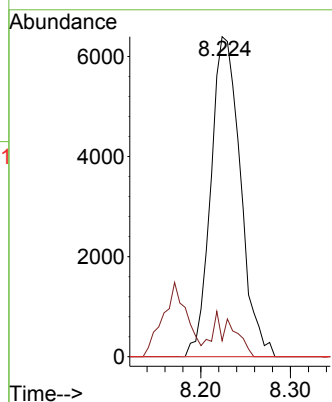
Tgt Ion: 75 Resp: 14648

Ion Ratio Lower Upper

75 100

110 2.4 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.224 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

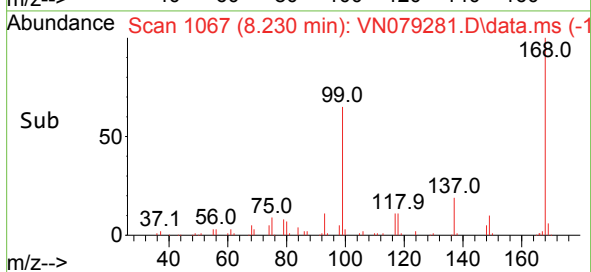
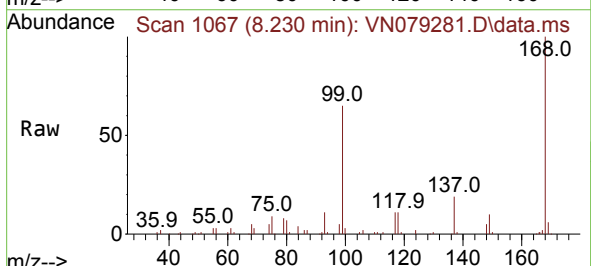
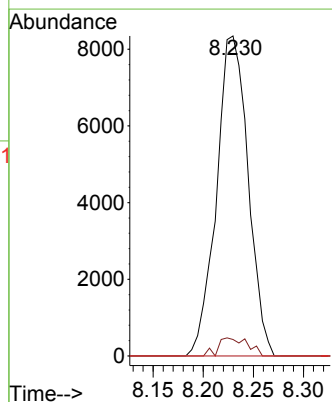
Tgt Ion: 117 Resp: 18312

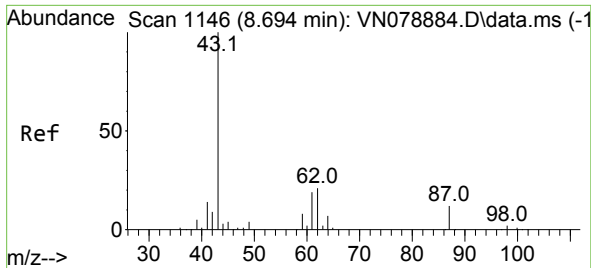
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 23.3 34.9#

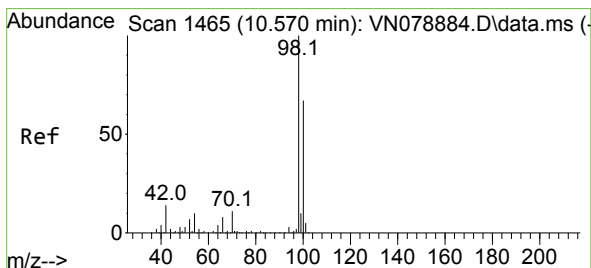
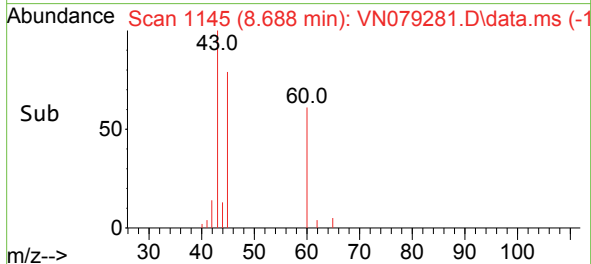
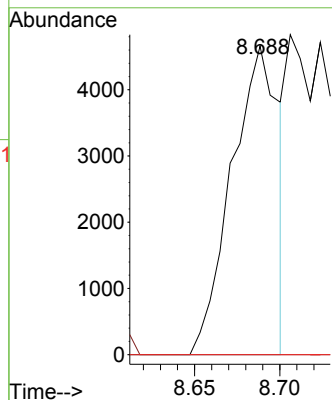
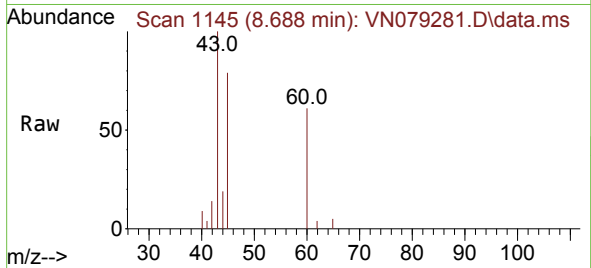




#43
Isopropyl Acetate
Concen: 1.616 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

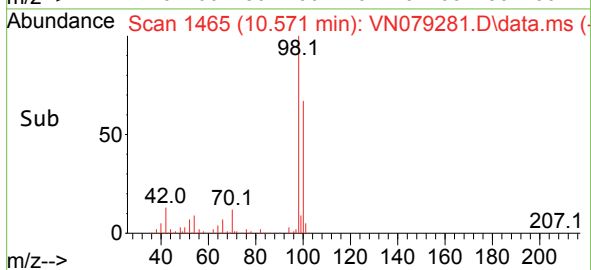
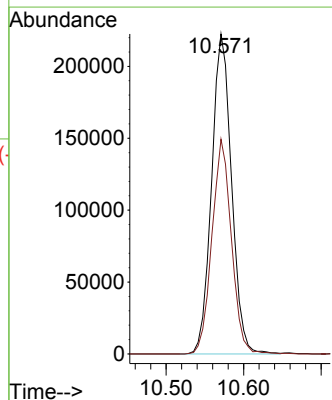
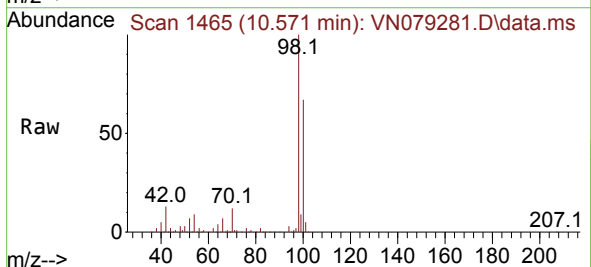
Instrument :
MSVOA_N
ClientSampleId :

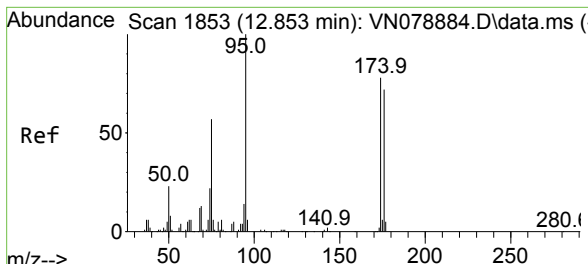
Tgt Ion: 43 Resp: 8907
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 98 Resp: 397320
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

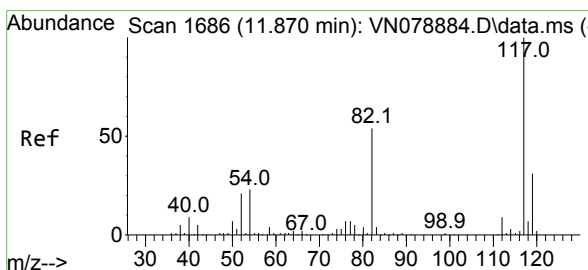
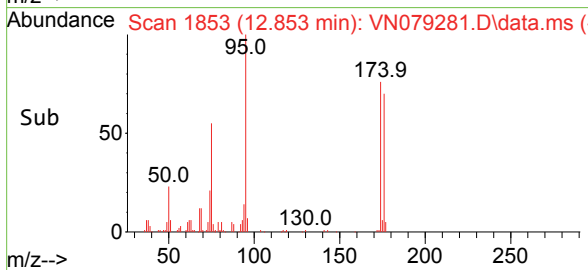
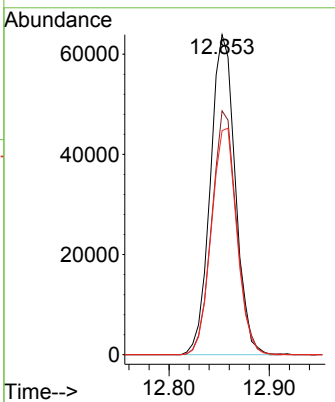
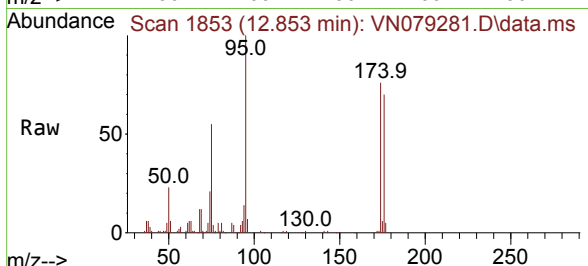




#62
 4-Bromofluorobenzene
 Concen: 42.780 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079281.D
 Acq: 15 Sep 2023 18:55

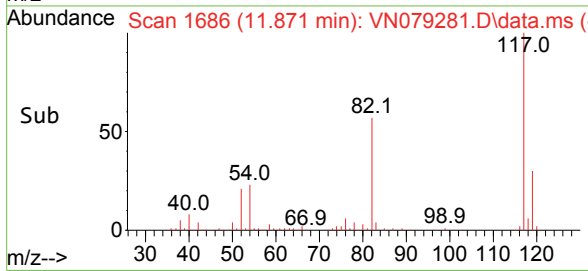
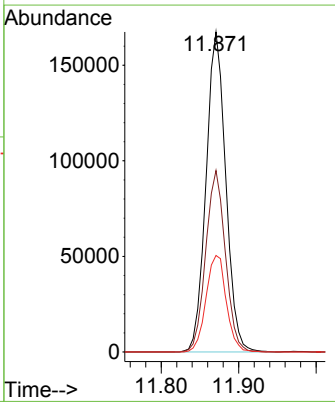
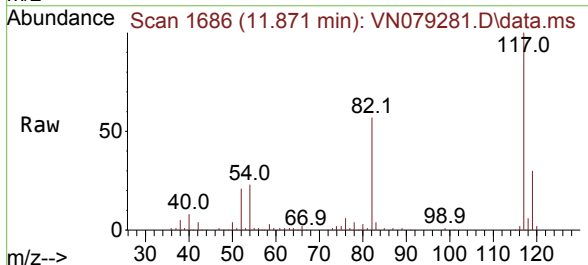
Instrument :
 MSVOA_N
 ClientSampleId :

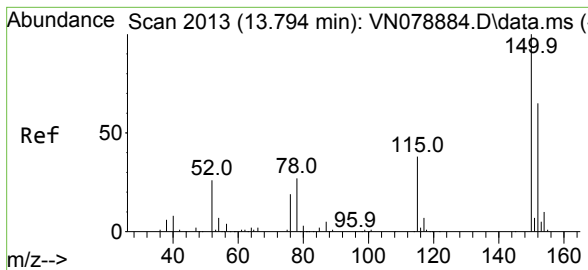
Tgt Ion:	95	Resp:	110111
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	143.8
176	72.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079281.D
 Acq: 15 Sep 2023 18:55

Tgt Ion:	117	Resp:	295587
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.0	66.0
119	30.2	25.6	38.4

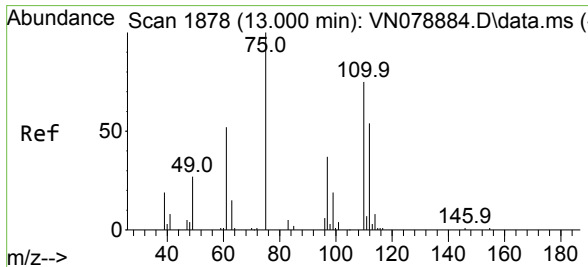
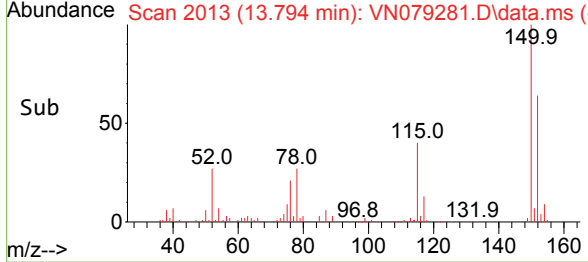
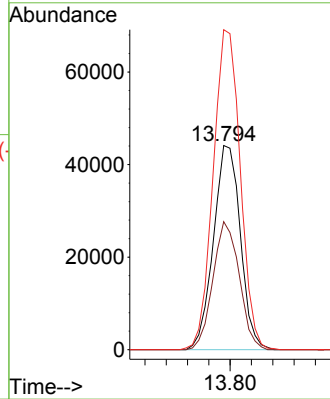
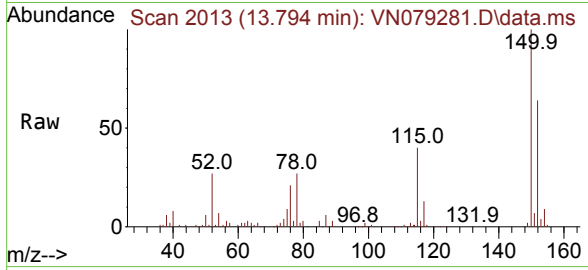




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079281.D
 Acq: 15 Sep 2023 18:55

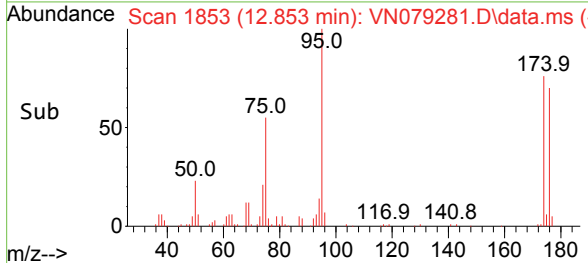
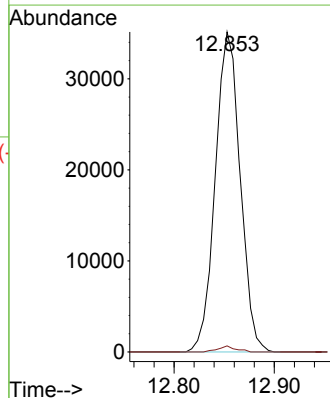
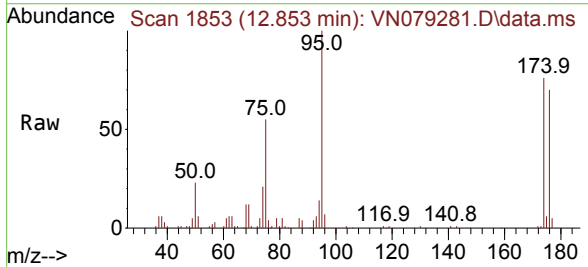
Instrument :
 MSVOA_N
 ClientSampleId :

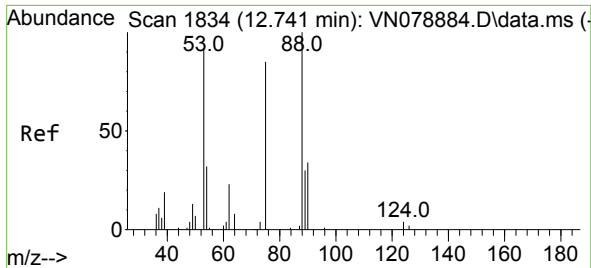
Tgt Ion:152 Resp: 77467
 Ion Ratio Lower Upper
 152 100
 115 61.2 32.3 96.8
 150 157.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.025 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079281.D
 Acq: 15 Sep 2023 18:55

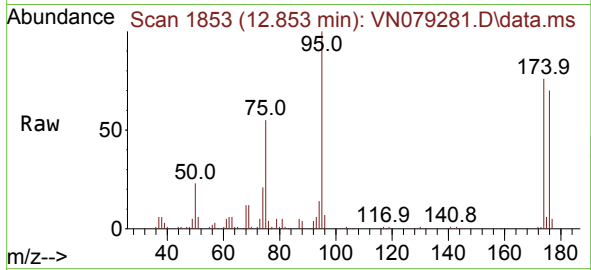
Tgt Ion: 75 Resp: 60599
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.795 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079281.D
 Acq: 15 Sep 2023 18:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 60599
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

