

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079800.D
 Acq On : 02 Nov 2023 16:22
 Operator : JC\MD
 Sample : 05224-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:02:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	435217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	440299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193290	58.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.880%
35) Dibromofluoromethane	8.171	113	163581	53.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.220%
50) Toluene-d8	10.571	98	571657	50.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.853	95	183933	48.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%

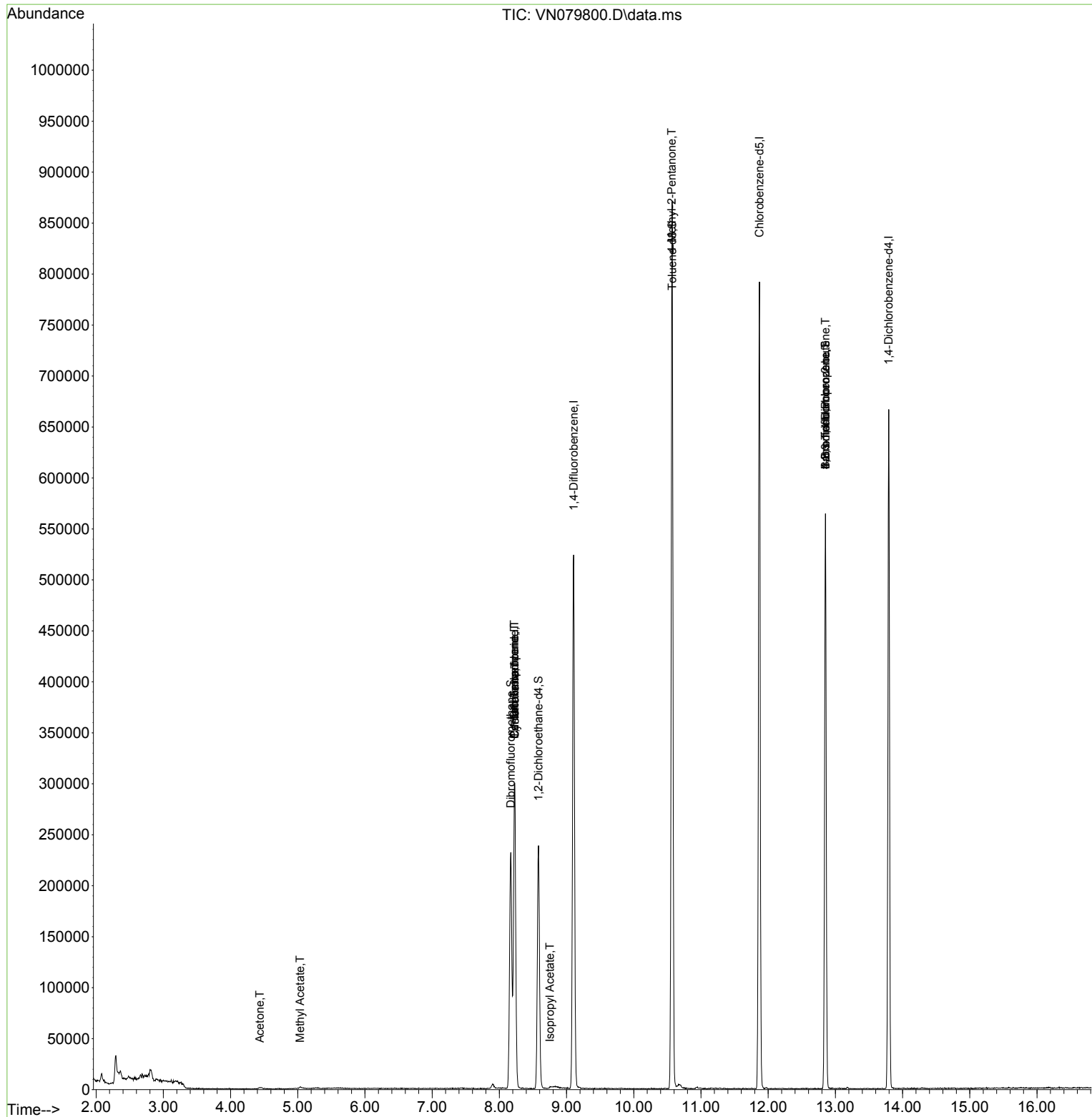
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.359	50	2029	Below Cal	#	87
16) Acetone	4.436	43	1196	1.029	ug/l #	60
18) Methyl Acetate	5.036	43	3579	0.644	ug/l #	46
31) Cyclohexane	8.229	56	6295	1.440	ug/l #	61
36) 1,1-Dichloropropene	8.224	75	19066	4.335	ug/l #	47
38) Carbon Tetrachloride	8.224	117	22542	5.086	ug/l #	18
43) Isopropyl Acetate	8.753	43	1642	0.232	ug/l #	49
51) 4-Methyl-2-Pentanone	10.565	43	2649	0.665	ug/l #	1
71) Bromoform	12.853	173	2097	0.858	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	99952	25.299	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99952	68.833	ug/l #	15

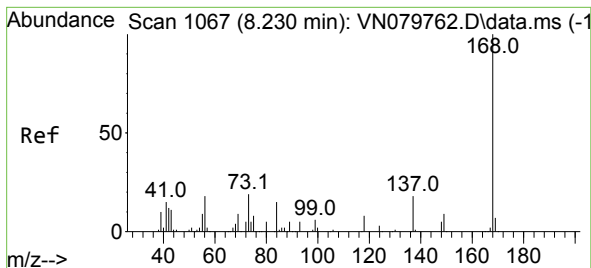
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_N

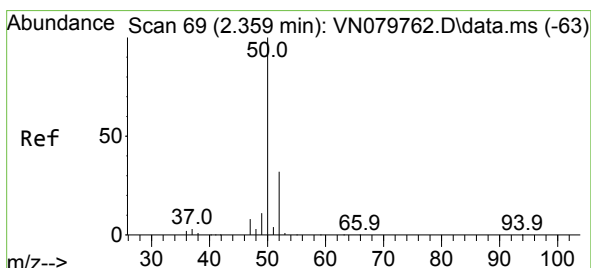
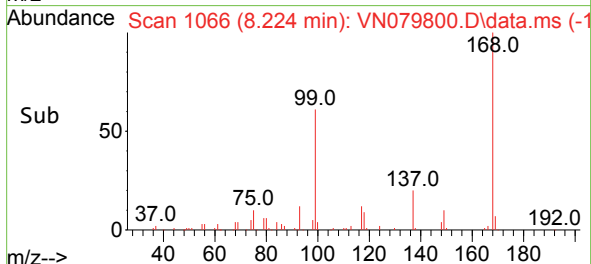
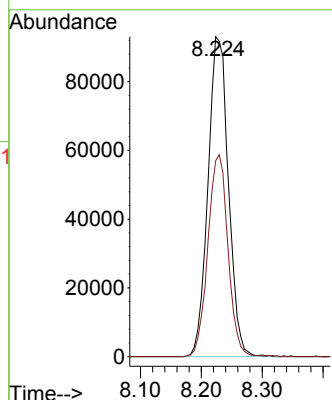
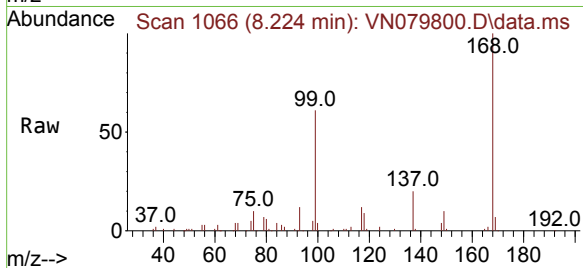
ClientSampleId :

Tgt Ion:168 Resp: 217087

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079800.D

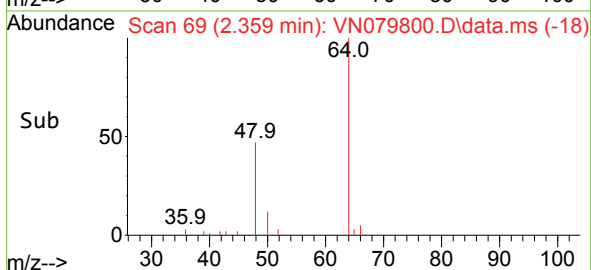
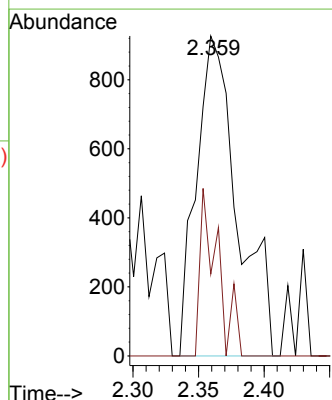
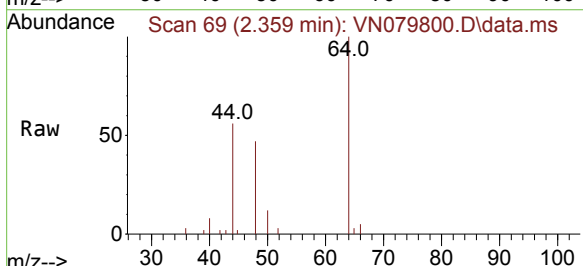
Acq: 02 Nov 2023 16:22

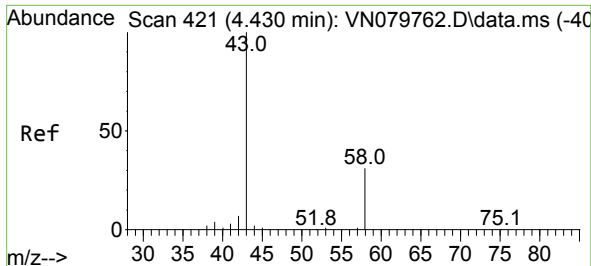
Tgt Ion: 50 Resp: 2029

Ion Ratio Lower Upper

50 100

52 25.6 26.5 39.7#

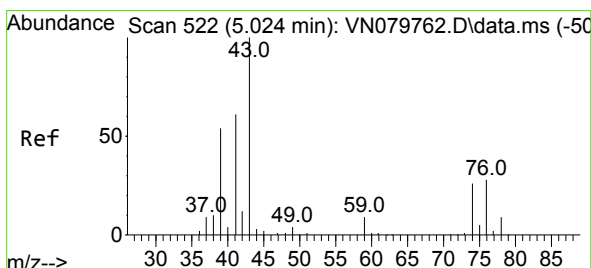
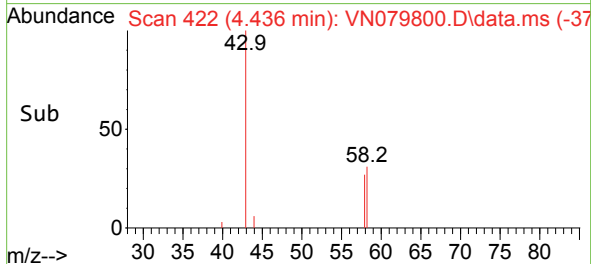
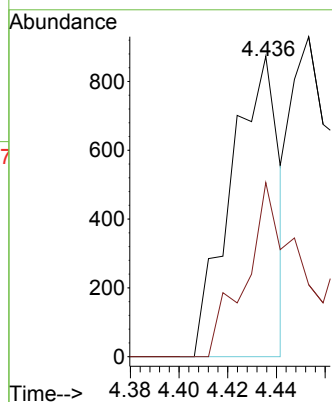
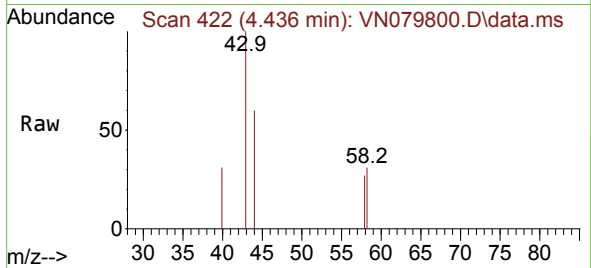




#16
Acetone
Concen: 1.029 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

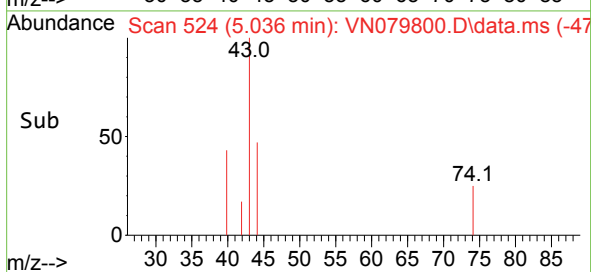
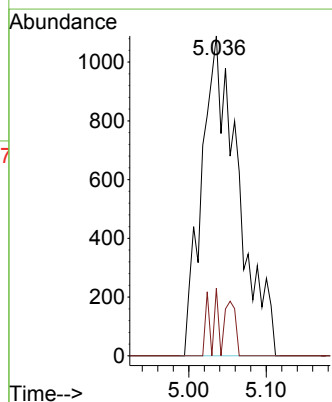
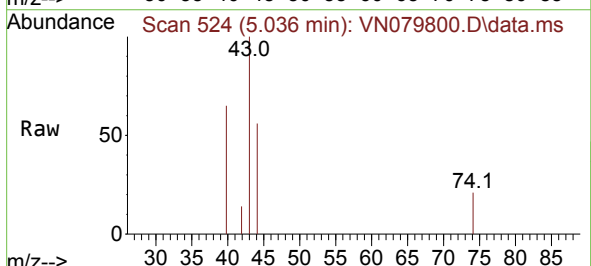
Instrument :
MSVOA_N
ClientSampleId :

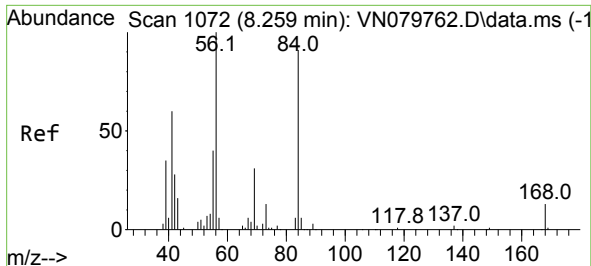
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 58.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

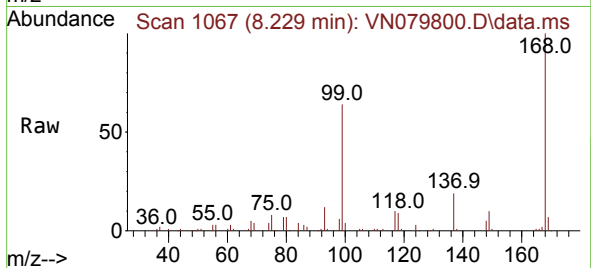
Tgt Ion: 43 Resp: 3579
Ion Ratio Lower Upper
43 100
74 2.2 26.2 39.4#



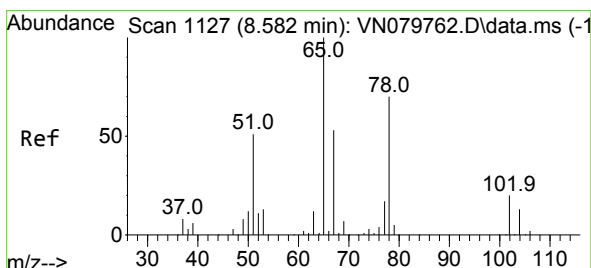
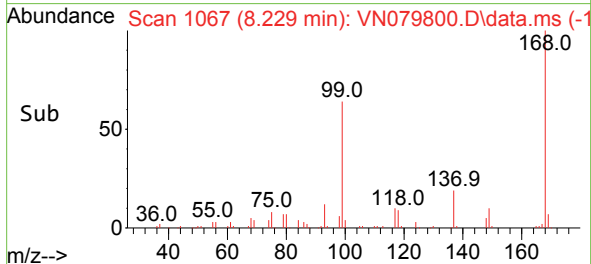
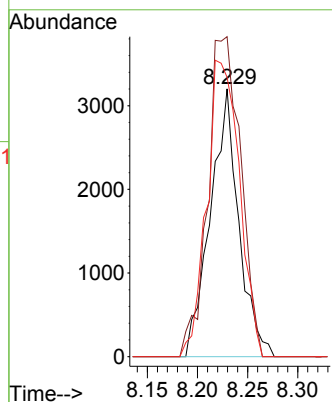


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :

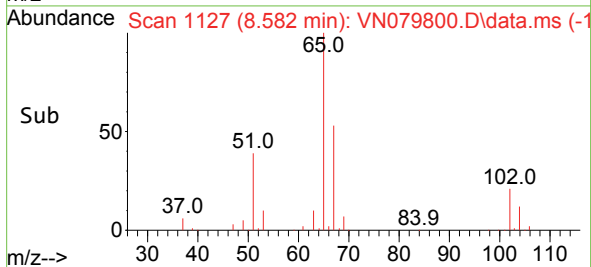
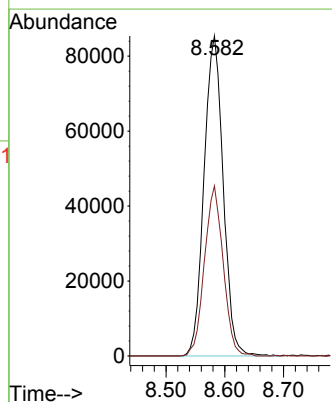
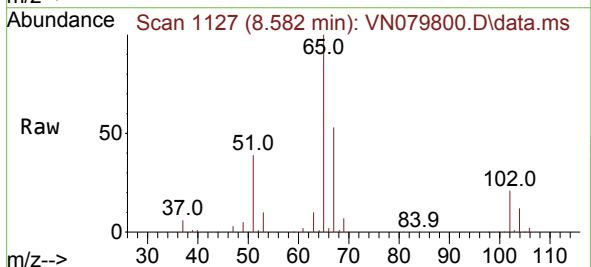


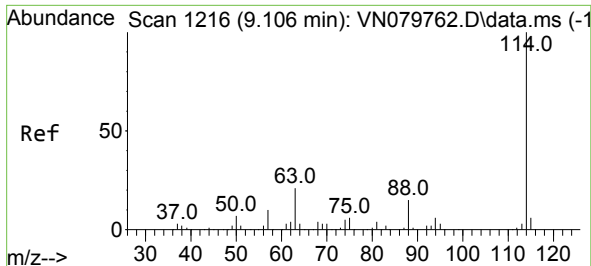
Tgt Ion: 56 Resp: 6295
Ion Ratio Lower Upper
56 100
69 119.5 26.8 40.2#
84 104.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.442 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 65 Resp: 193290
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

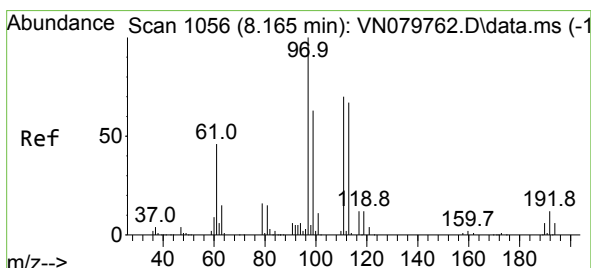
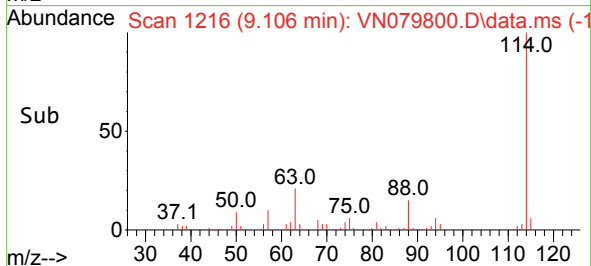
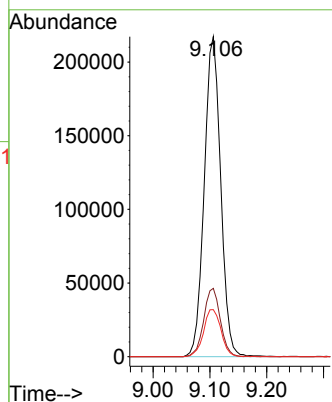
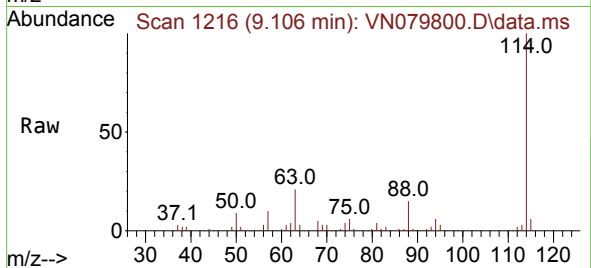
Tgt Ion:114 Resp: 435217

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.106 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

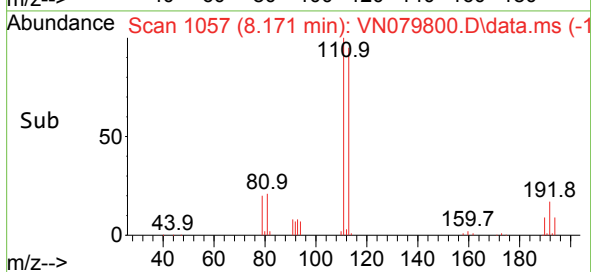
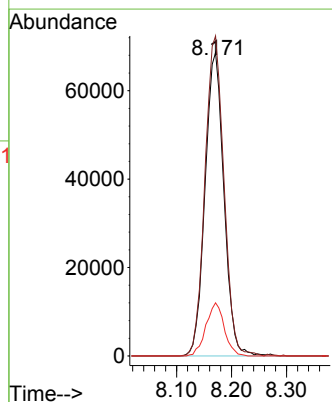
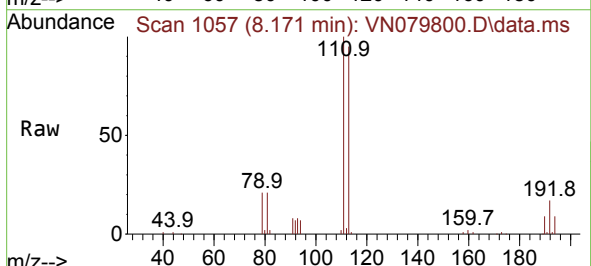
Tgt Ion:113 Resp: 163581

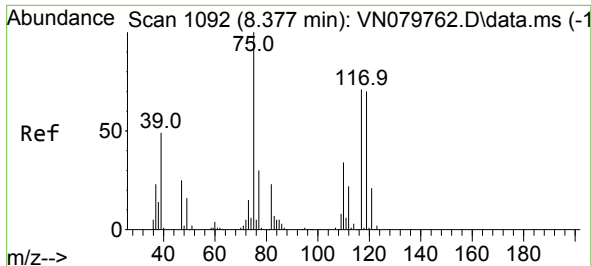
Ion Ratio Lower Upper

113 100

111 106.2 82.6 123.8

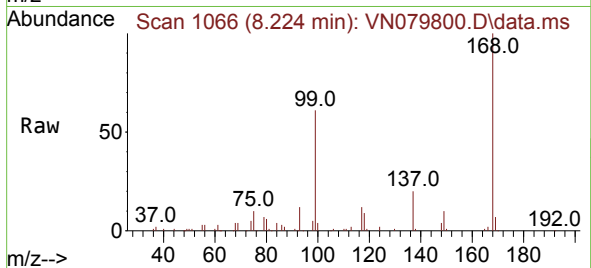
192 17.0 12.7 19.1



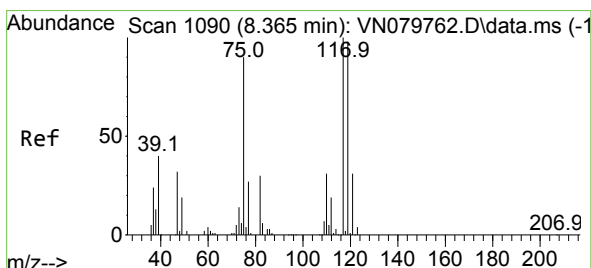
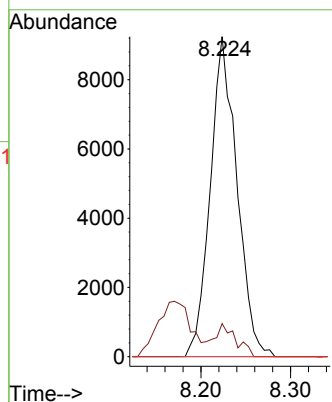
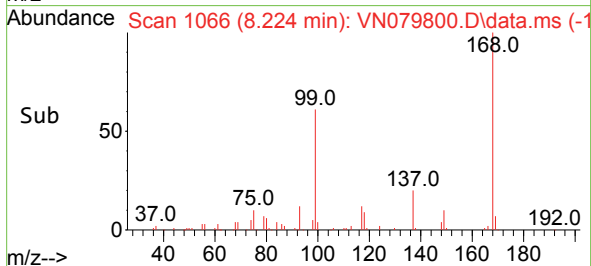


#36
 1,1-Dichloropropene
 Concen: 4.335 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN079800.D
 Acq: 02 Nov 2023 16:22

Instrument :
 MSVOA_N
 ClientSampleId :

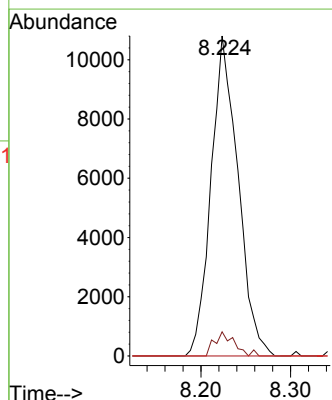
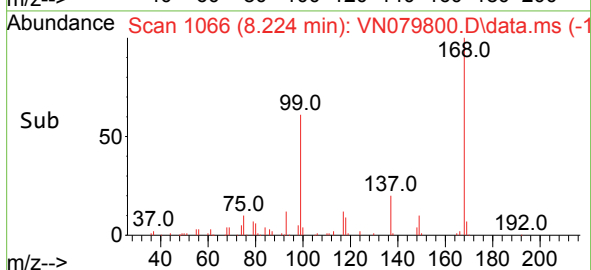
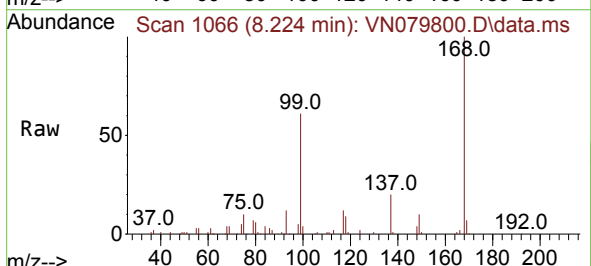


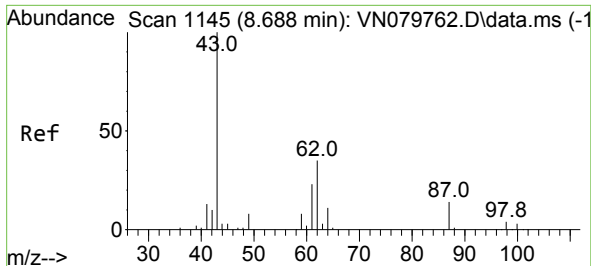
Tgt Ion: 75 Resp: 19066
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.086 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN079800.D
 Acq: 02 Nov 2023 16:22

Tgt Ion: 117 Resp: 22542
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.3 115.9#
 121 0.0 23.3 34.9#

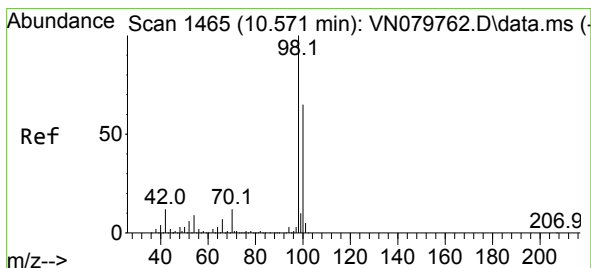
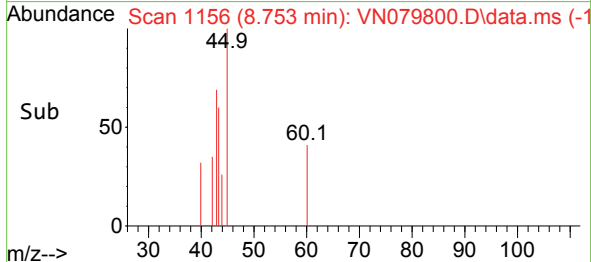
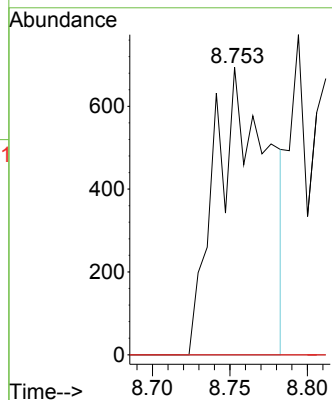
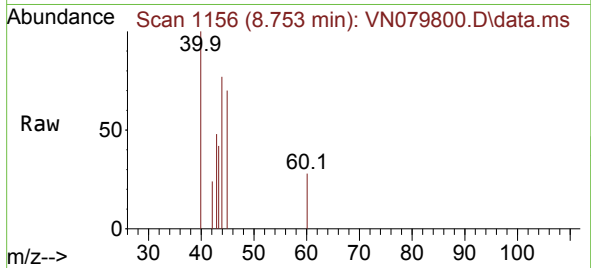




#43
Isopropyl Acetate
Concen: 0.232 ug/l
RT: 8.753 min Scan# 1145
Delta R.T. 0.065 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

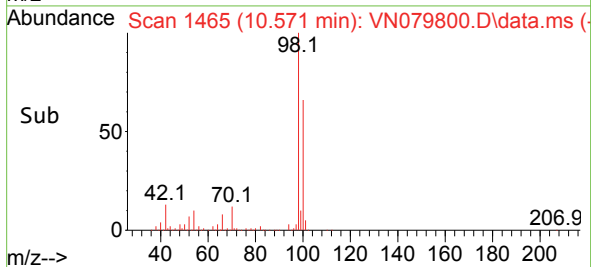
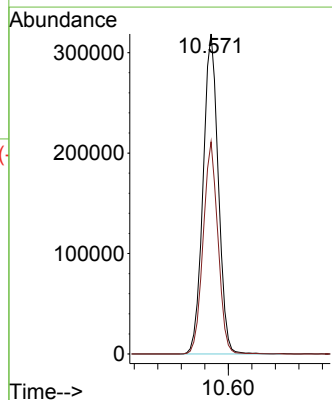
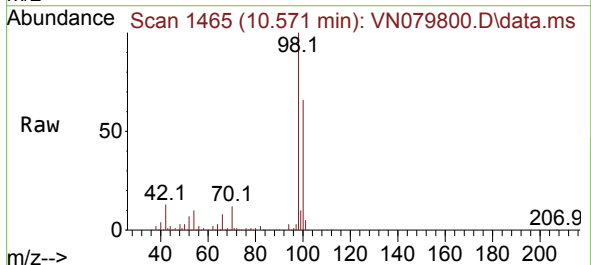
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MSVOA_N
ClientSampleId :

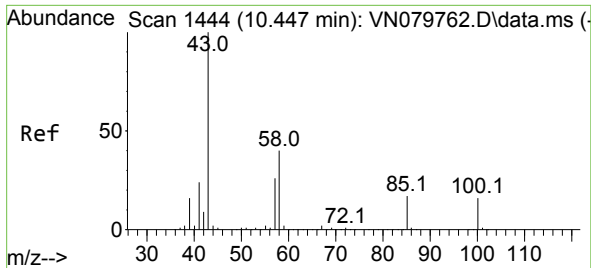
Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.412 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 98 Resp: 571657
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

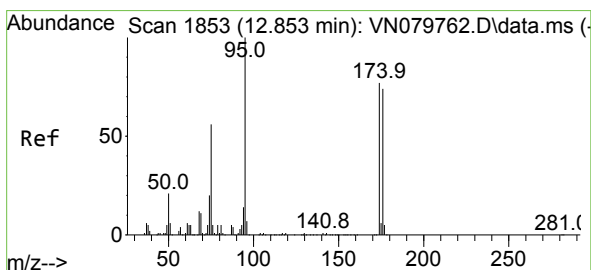
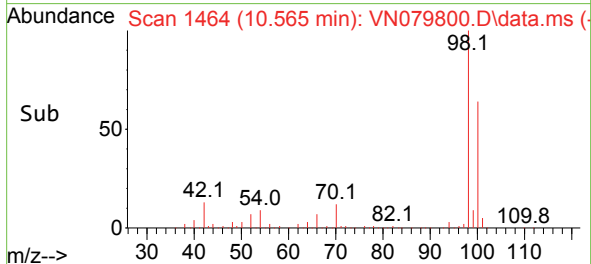
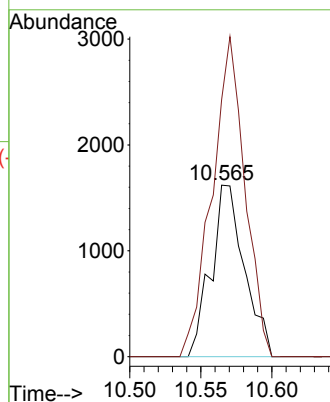
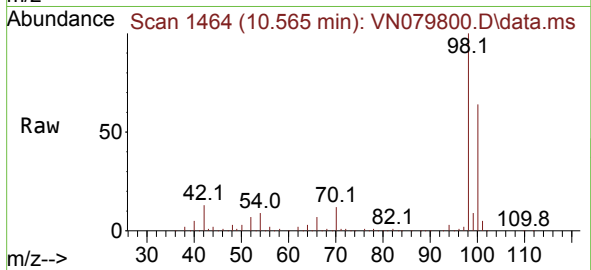




#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

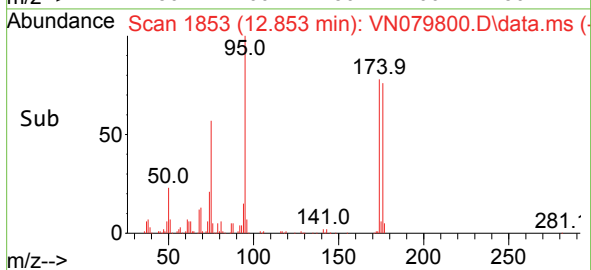
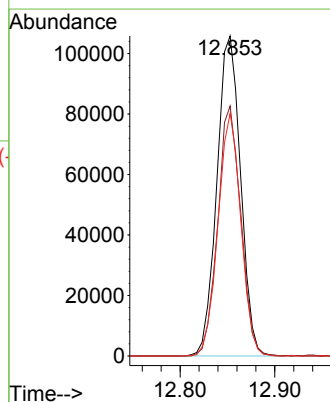
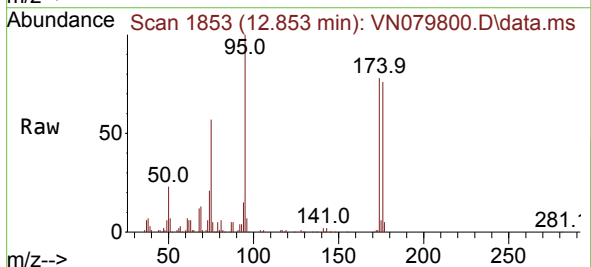
Instrument :
MSVOA_N
ClientSampleId :

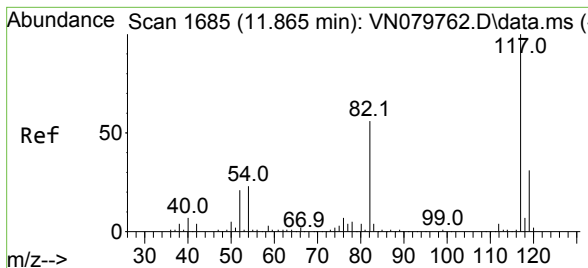
Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 184.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 95 Resp: 183933
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.8 0.0 135.8

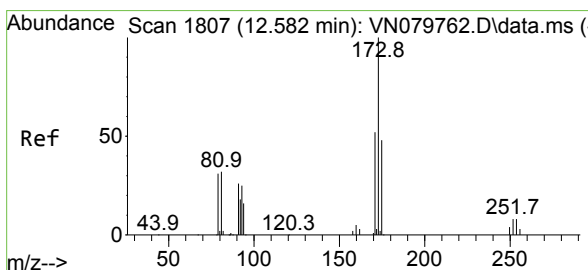
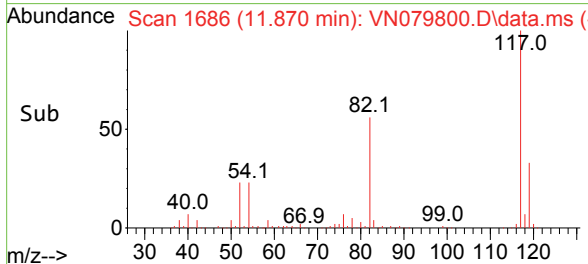
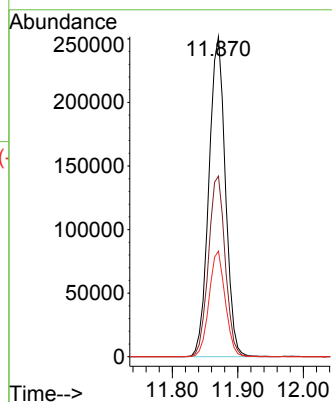
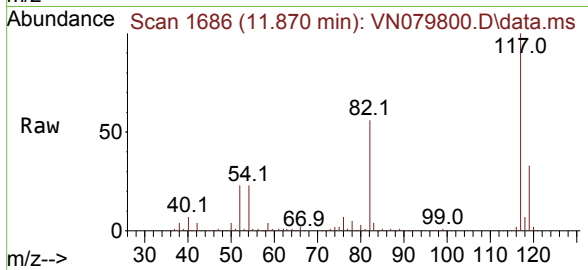




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

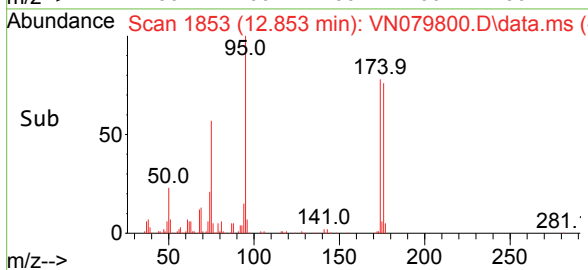
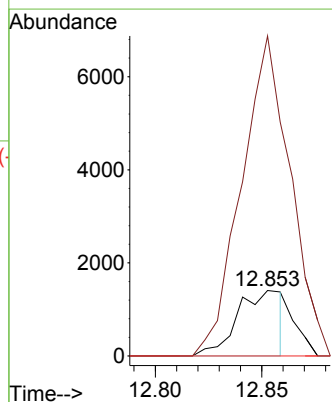
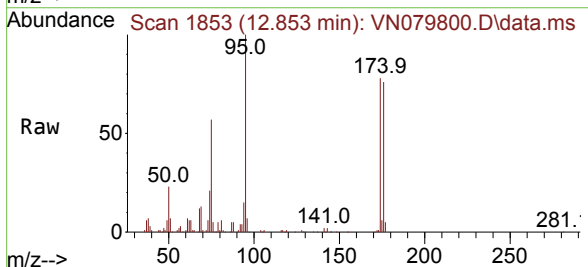
Instrument :
MSVOA_N
ClientSampleId :

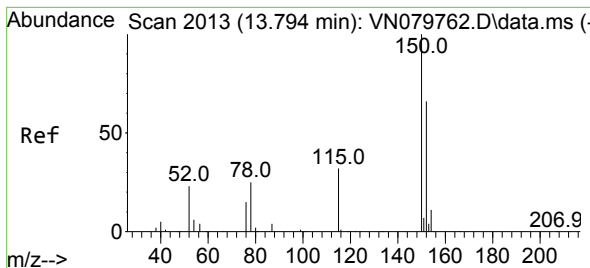
Tgt Ion:117 Resp: 440299
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.0 25.6 38.4



#71
Bromoform
Concen: 0.858 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion:173 Resp: 2097
Ion Ratio Lower Upper
173 100
175 418.4 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

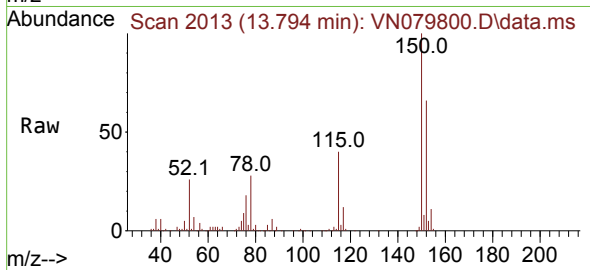
Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :



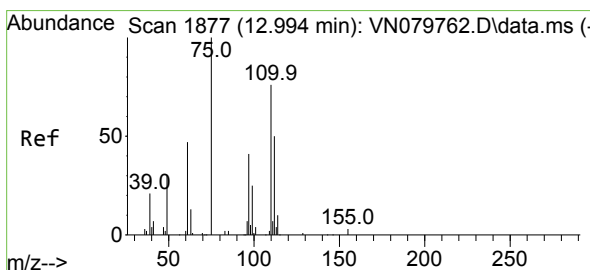
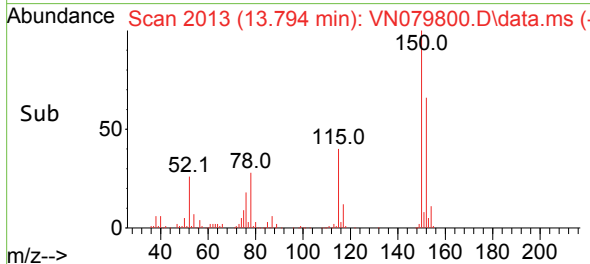
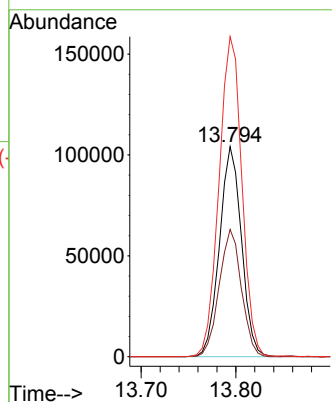
Tgt Ion:152 Resp: 168284

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 157.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.299 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079800.D

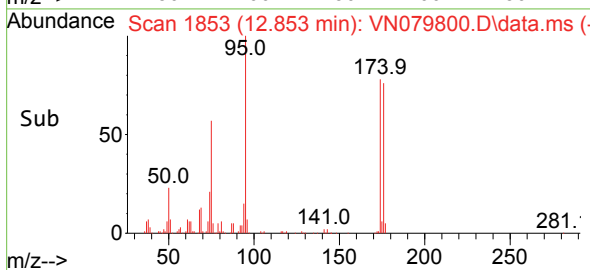
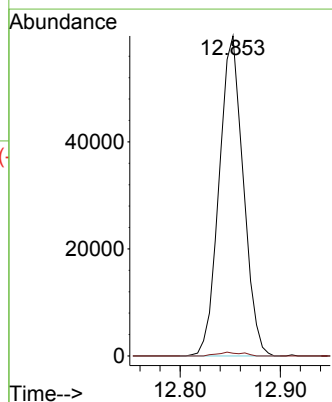
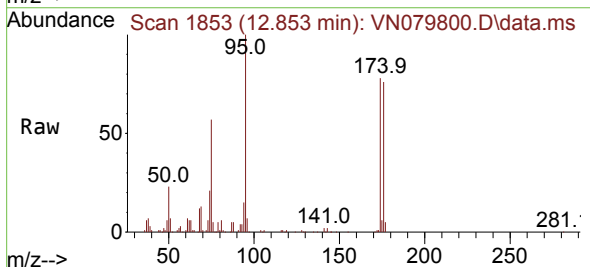
Acq: 02 Nov 2023 16:22

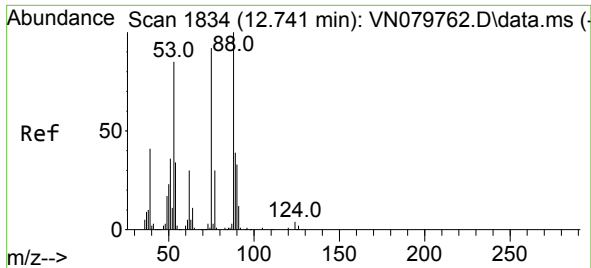
Tgt Ion: 75 Resp: 99952

Ion Ratio Lower Upper

75 100

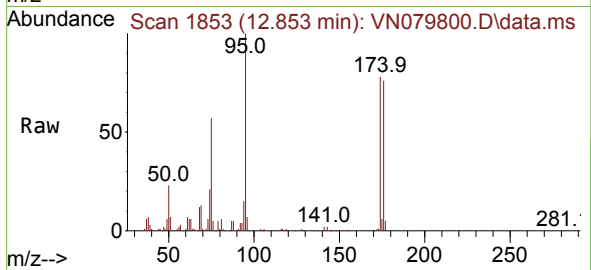
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.833 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079800.D
 Acq: 02 Nov 2023 16:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	67.4	101.2#
89	0.0	38.8	58.2#

