

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079797.D
 Acq On : 02 Nov 2023 15:11
 Operator : JC\MD
 Sample : 05224-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:01:48 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)

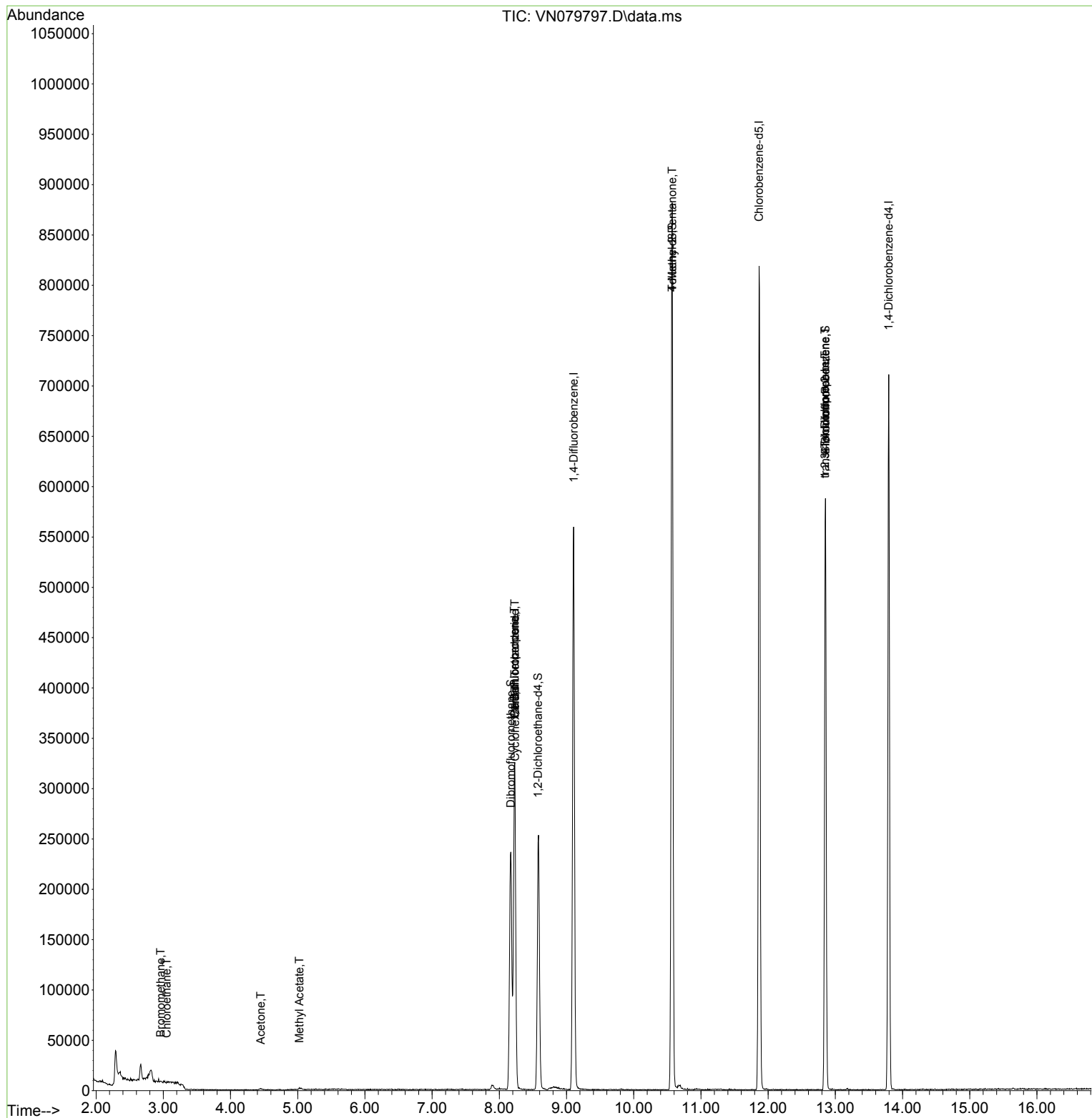
Internal Standards						
1) Pentafluorobenzene	8.230	168	229118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	459911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	457744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	202442	57.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.980%
35) Dibromofluoromethane	8.171	113	172434	52.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.940%
50) Toluene-d8	10.571	98	593542	49.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	194994	49.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1714	Below Cal	#	73
5) Bromomethane	2.959	94	784	0.357	ug/l	93
6) Chloroethane	3.048	64	591	0.207	ug/l #	43
16) Acetone	4.448	43	1286	1.049	ug/l #	76
18) Methyl Acetate	5.024	43	2435	0.415	ug/l #	42
31) Cyclohexane	8.236	56	5997	1.300	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	21775	4.685	ug/l #	47
38) Carbon Tetrachloride	8.230	117	25252	5.391	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2748	0.653	ug/l #	1
71) Bromoform	12.853	173	1827	0.719	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	108074	25.193	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	108074	68.545	ug/l #	15

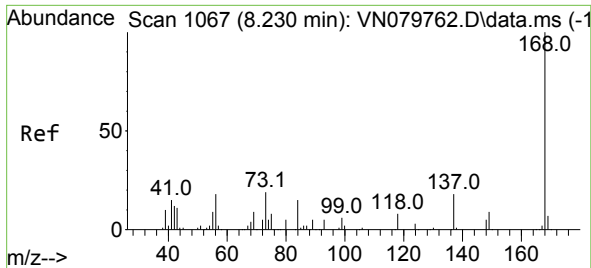
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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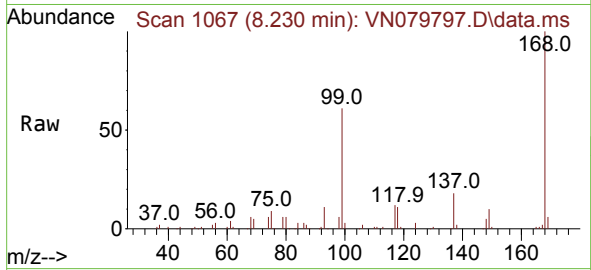
Quant Time: Nov 03 04:01:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



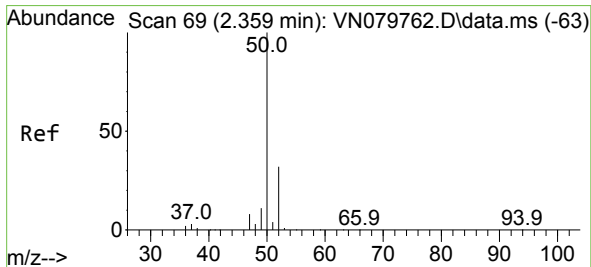
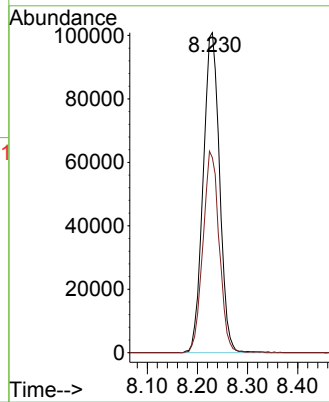
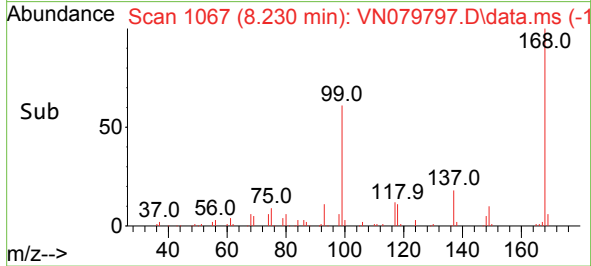


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :

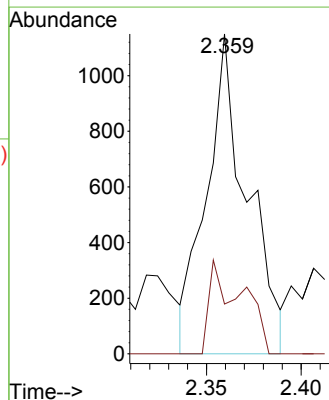
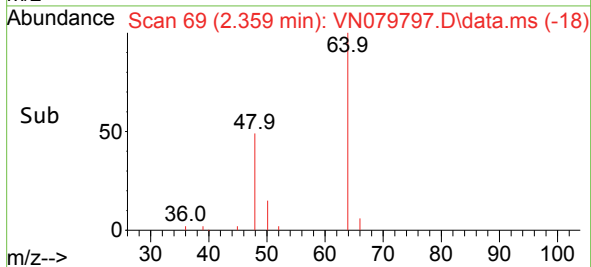
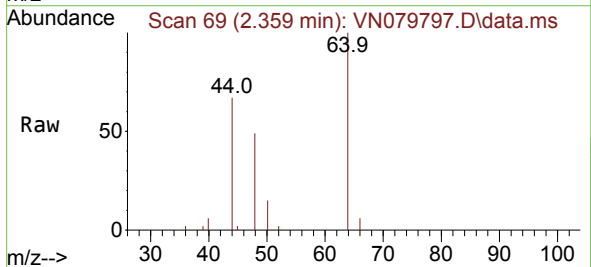


Tgt Ion:168 Resp: 229118
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 50 Resp: 1714
Ion Ratio Lower Upper
50 100
52 18.0 26.5 39.7#

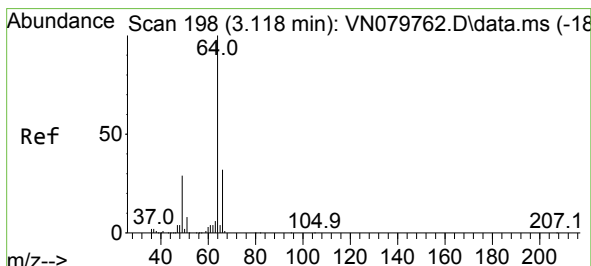
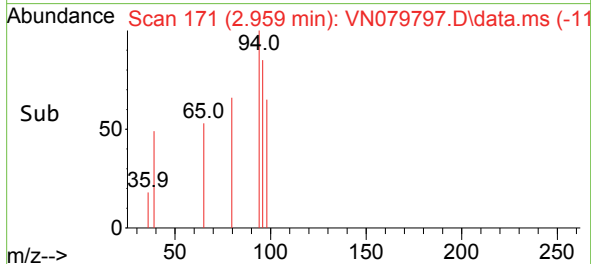
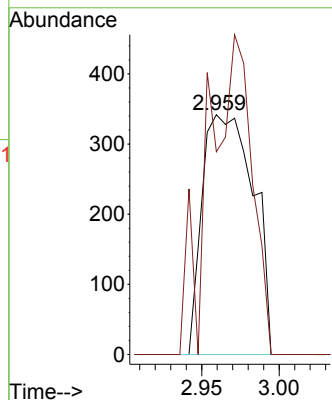
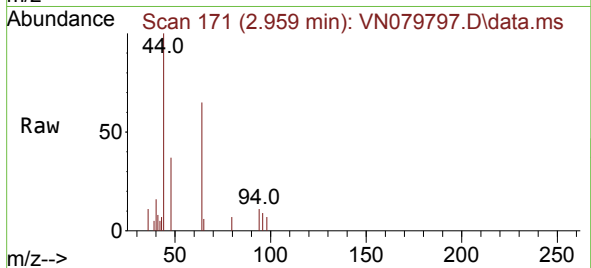




#5
Bromomethane
Concen: 0.357 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

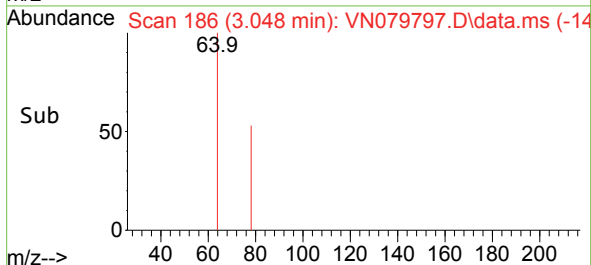
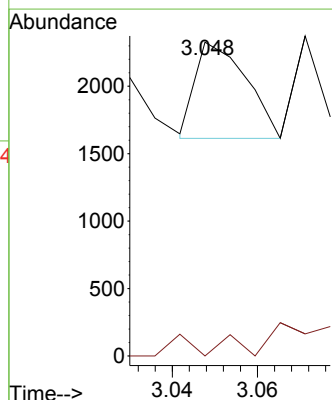
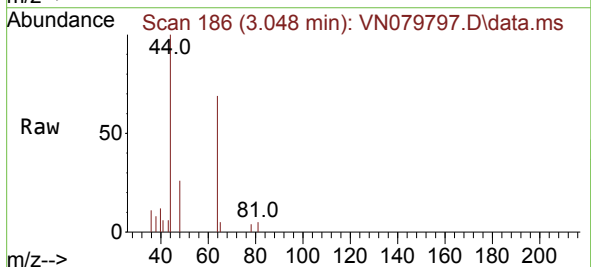
Instrument :
MSVOA_N
ClientSampleId :

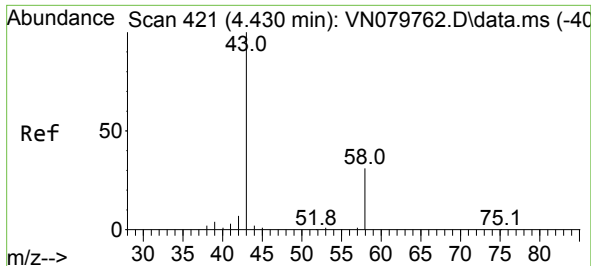
Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 84.5 73.1 109.7



#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.048 min Scan# 186
Delta R.T. -0.070 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 64 Resp: 591
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

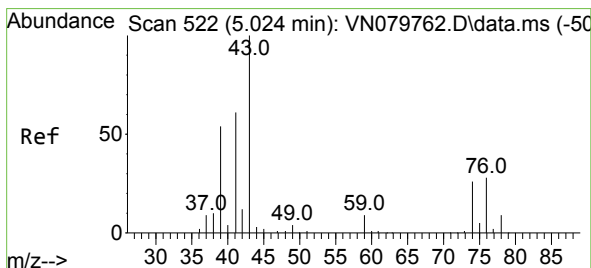
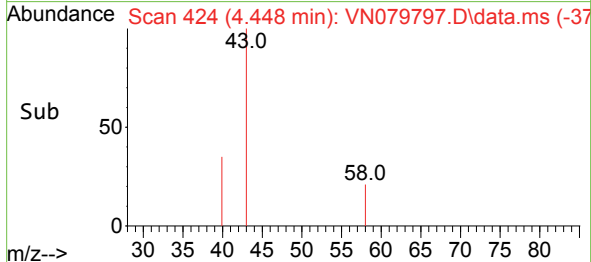
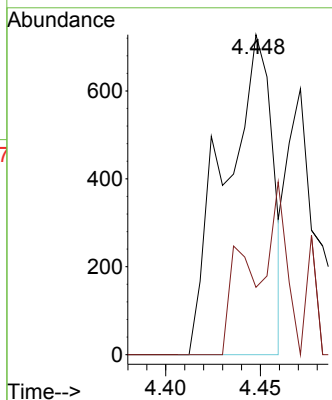
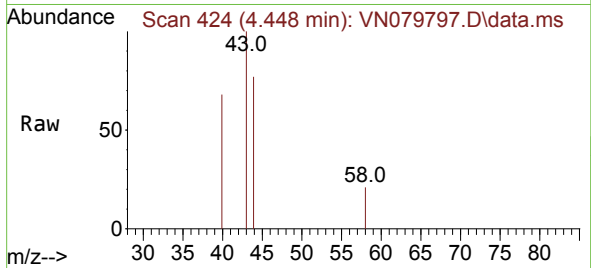




#16
Acetone
Concen: 1.049 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

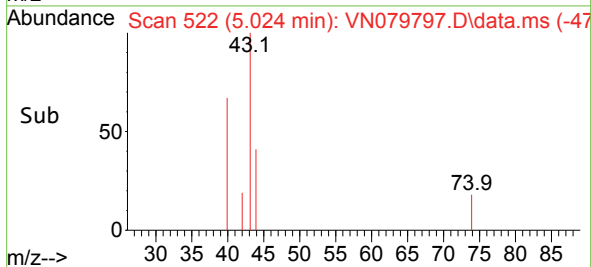
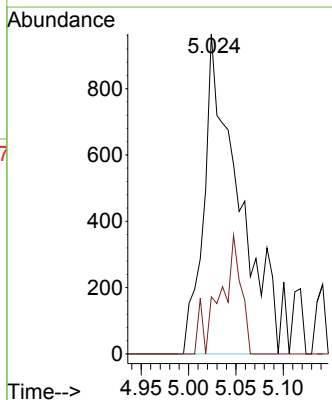
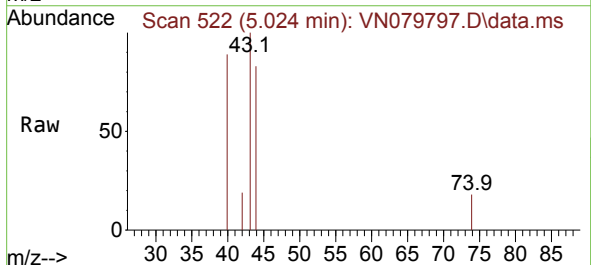
Instrument :
MSVOA_N
ClientSampleId :

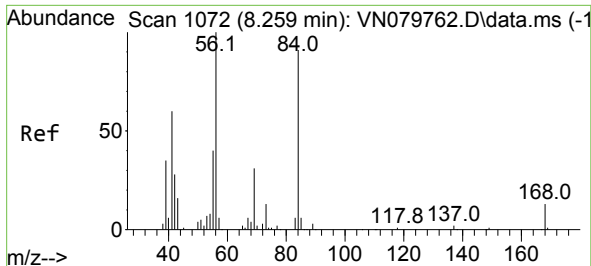
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 21.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.415 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

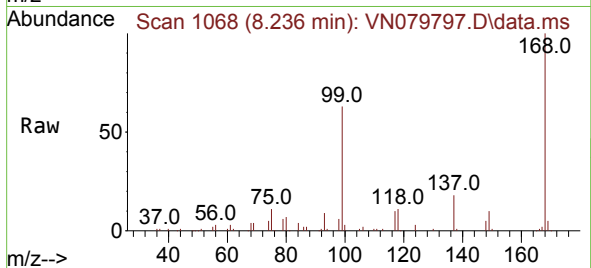
Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



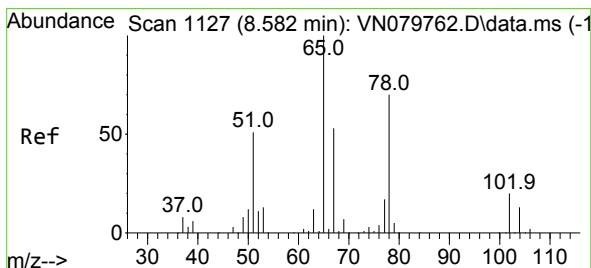
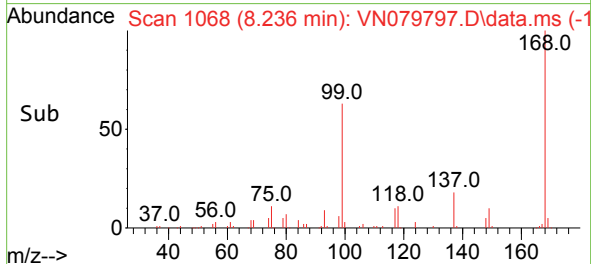
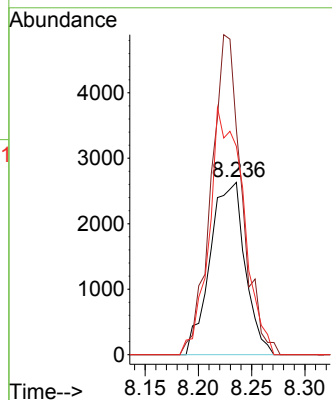


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :

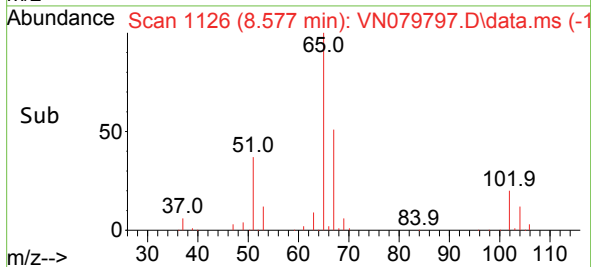
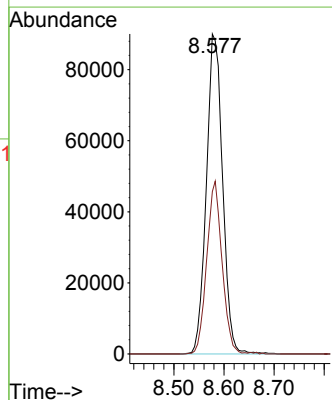
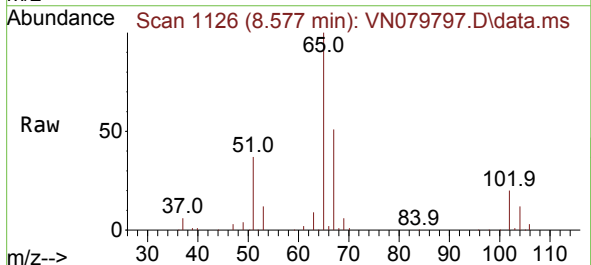


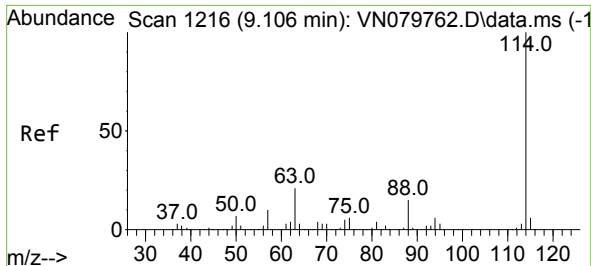
Tgt Ion: 56 Resp: 5997
Ion Ratio Lower Upper
56 100
69 130.8 26.8 40.2#
84 120.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 57.995 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 65 Resp: 202442
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6

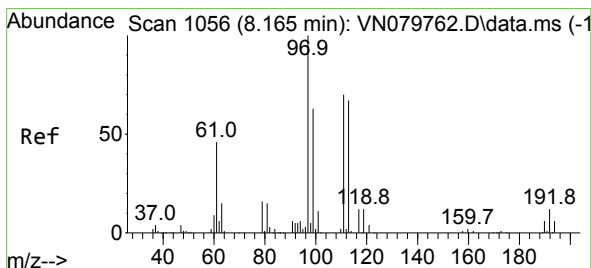
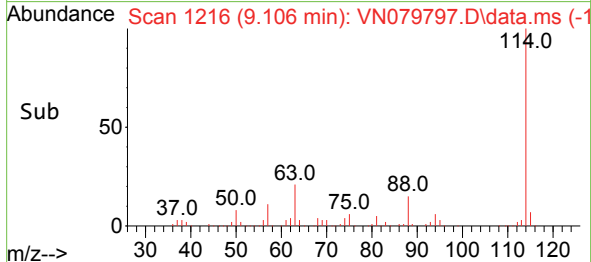
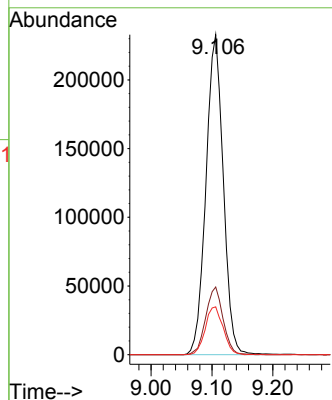
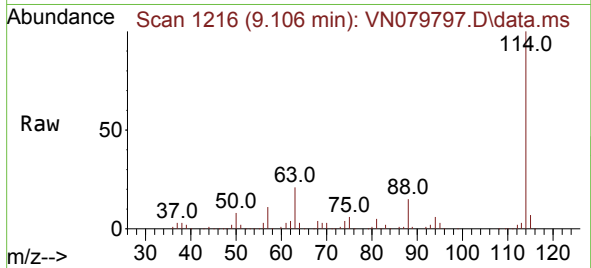




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

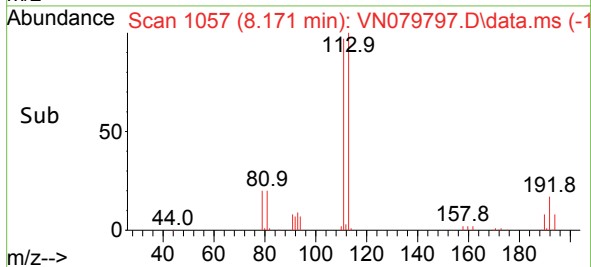
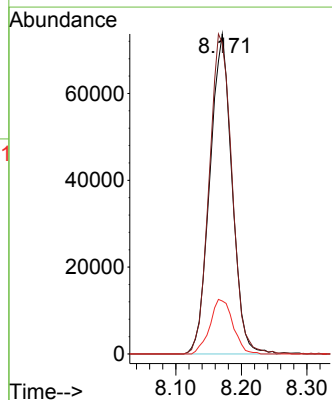
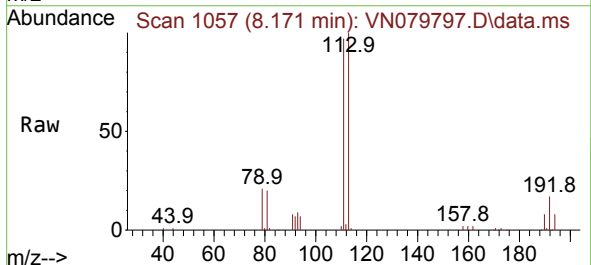
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MSVOA_N
ClientSampleId :

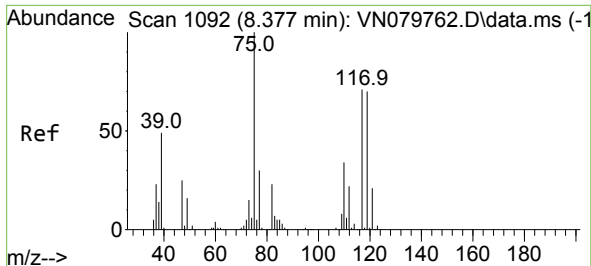
Tgt Ion:114 Resp: 459911
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.974 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

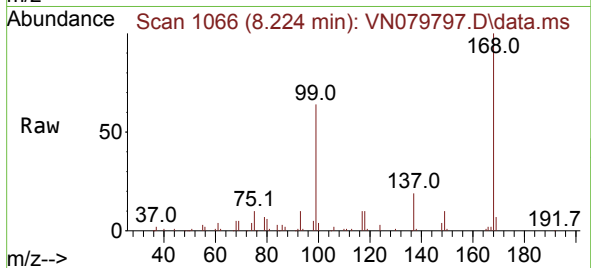
Tgt Ion:113 Resp: 172434
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 17.7 12.7 19.1



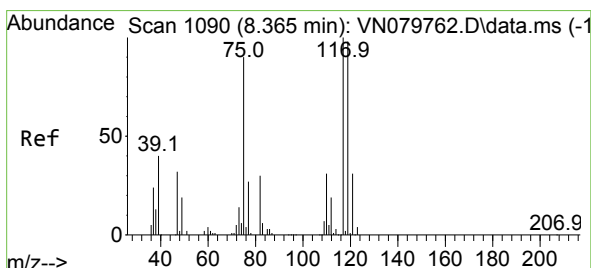
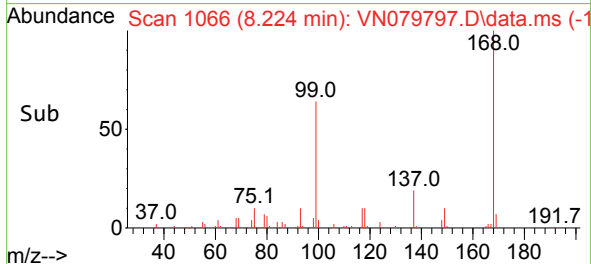
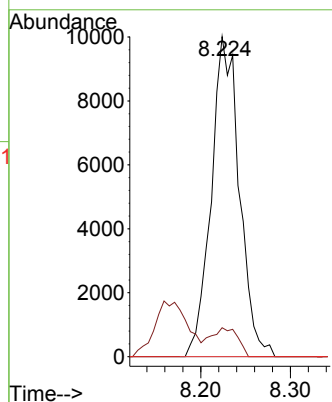


#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN079797.D
 Acq: 02 Nov 2023 15:11

Instrument :
 MSVOA_N
 ClientSampleId :

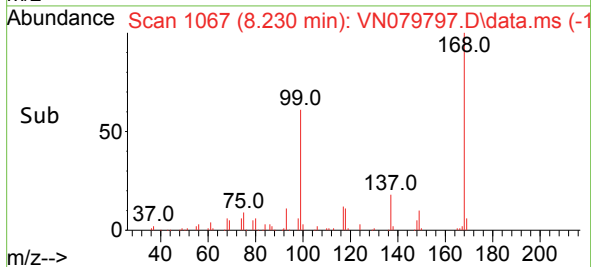
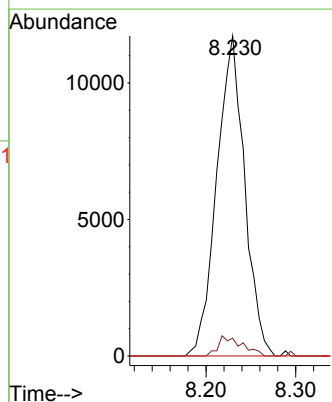
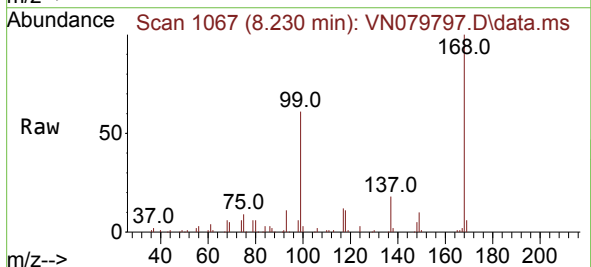


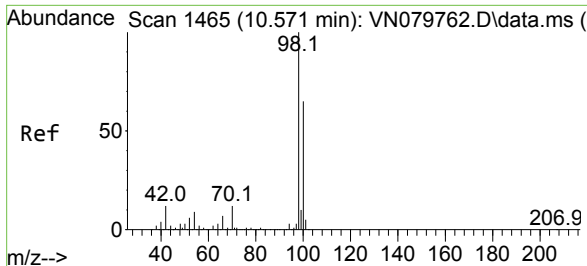
Tgt Ion: 75 Resp: 21775
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.391 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.129 min
 Lab File: VN079797.D
 Acq: 02 Nov 2023 15:11

Tgt Ion: 117 Resp: 25252
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.3 115.9#
 121 0.0 23.3 34.9#

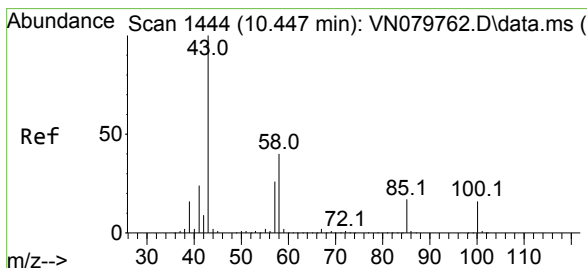
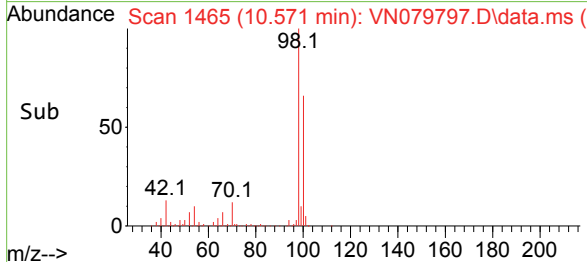
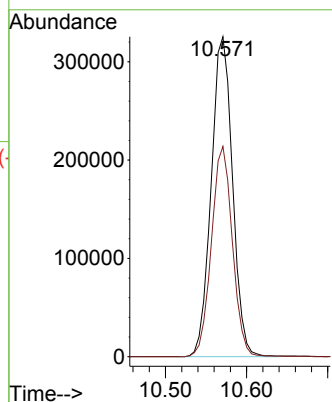
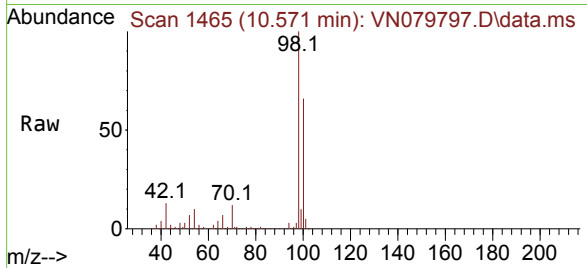




#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

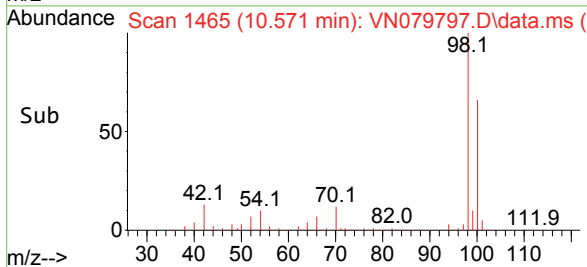
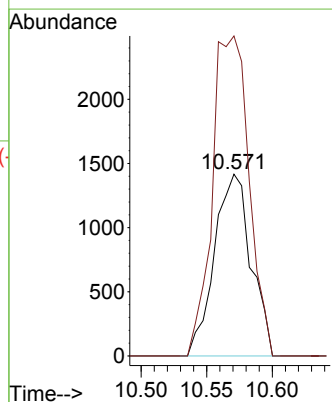
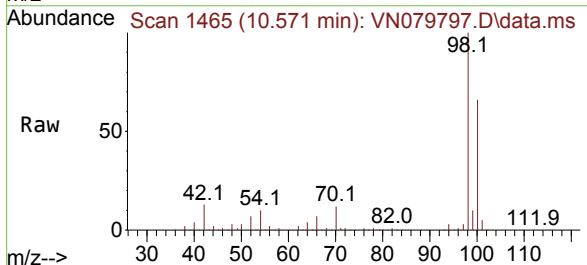
Instrument :
MSVOA_N
ClientSampleId :

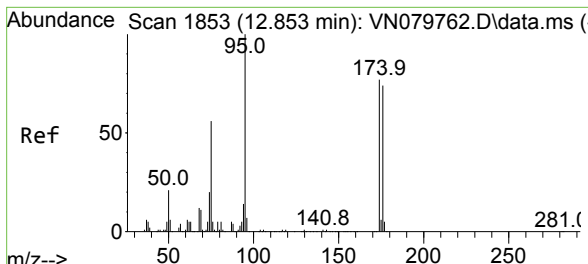
Tgt Ion: 98 Resp: 593542
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.653 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
58 176.5 36.6 54.8#

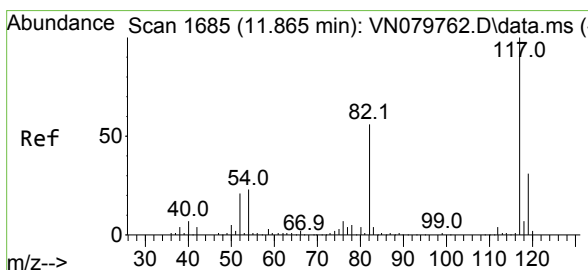
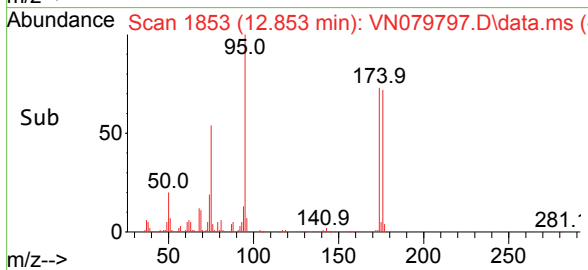
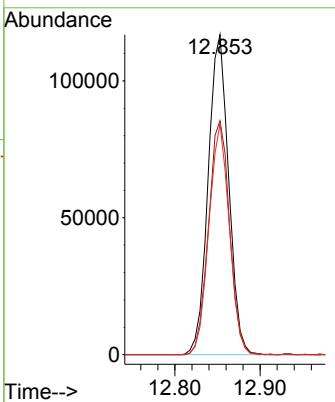
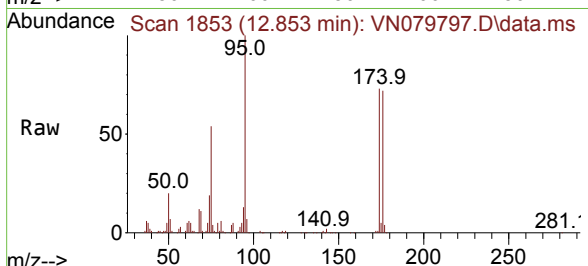




#62
 4-Bromofluorobenzene
 Concen: 49.065 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079797.D
 Acq: 02 Nov 2023 15:11

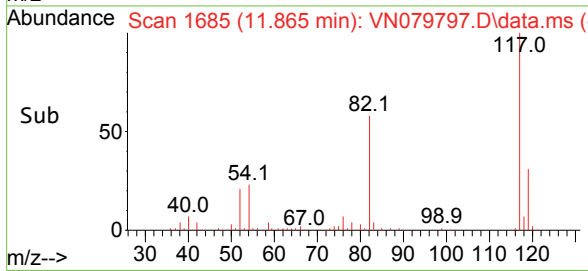
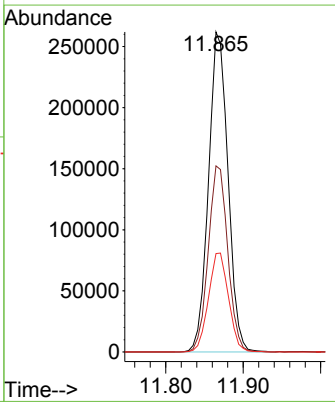
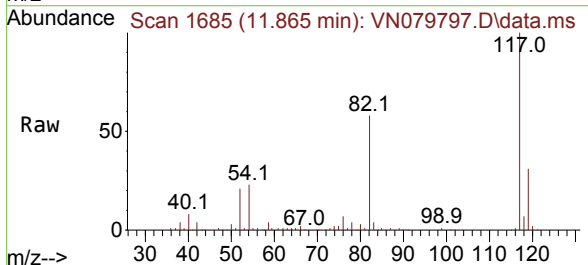
Instrument :
 MSVOA_N
 ClientSampleId :

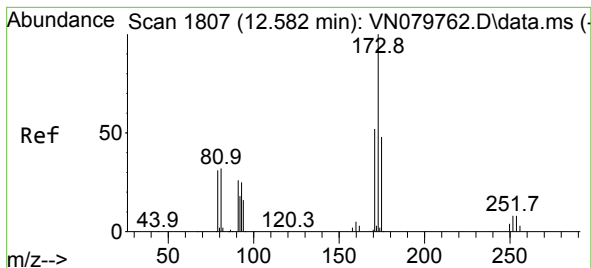
Tgt Ion:	95	Resp:	194994
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	143.8
176	71.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN079797.D
 Acq: 02 Nov 2023 15:11

Tgt Ion:	117	Resp:	457744
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.0	66.0
119	30.7	25.6	38.4





#71

Bromoform

Concen: 0.719 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

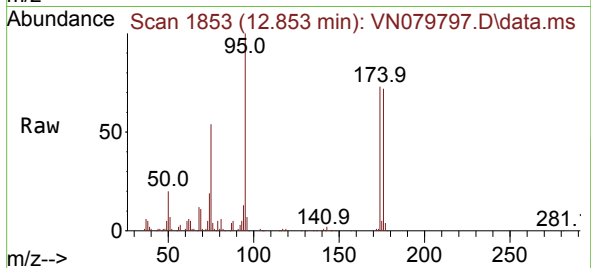
Lab File: VN079797.D

Acq: 02 Nov 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :



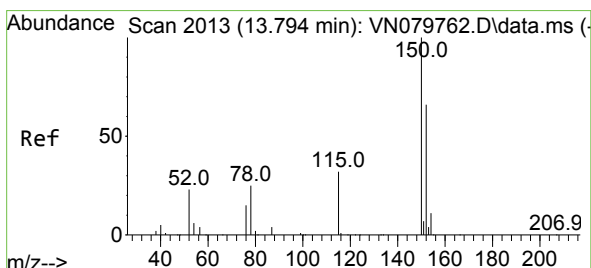
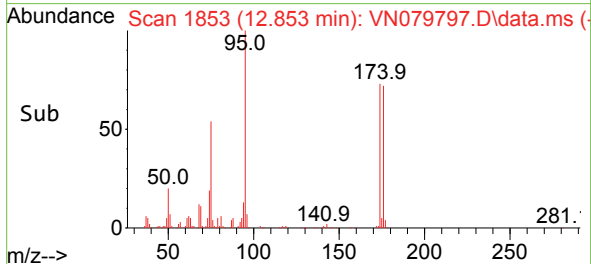
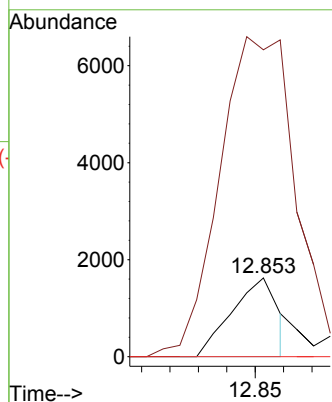
Tgt Ion:173 Resp: 1827

Ion Ratio Lower Upper

173 100

175 437.1 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# 2013

Delta R.T. 0.000 min

Lab File: VN079797.D

Acq: 02 Nov 2023 15:11

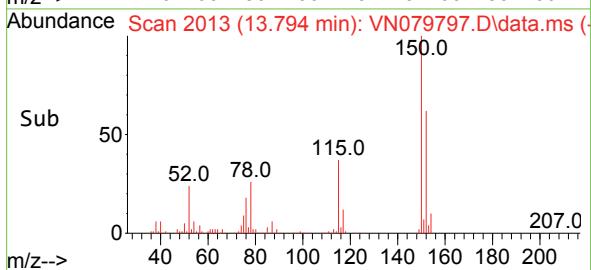
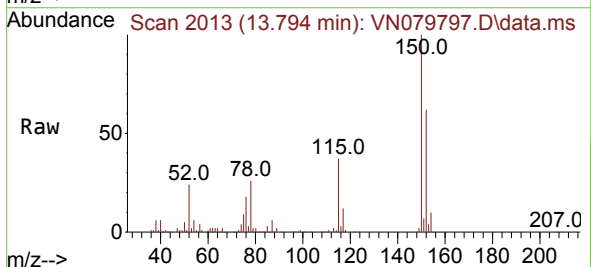
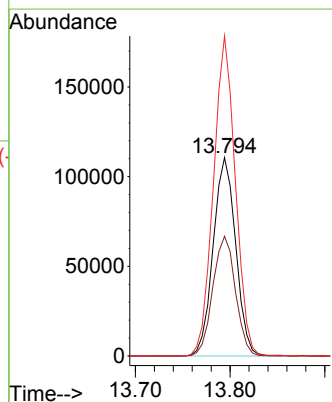
Tgt Ion:152 Resp: 182724

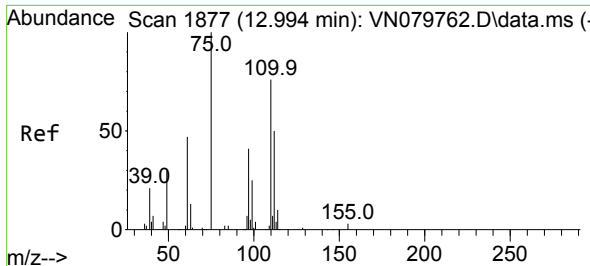
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 156.8 0.0 355.8

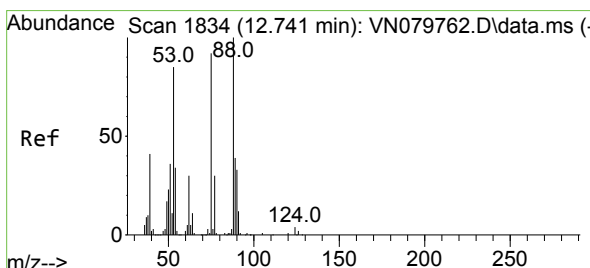
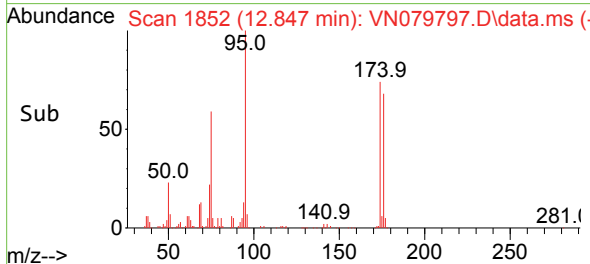
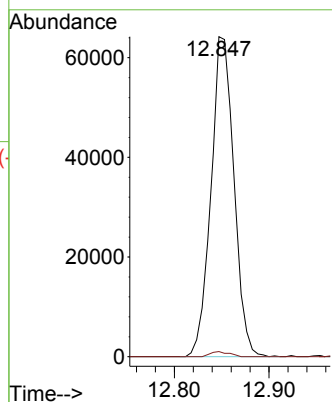
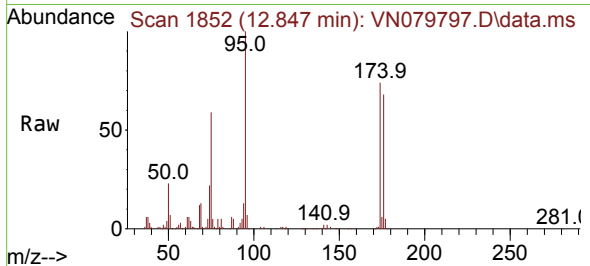




#76
1,2,3-Trichloropropane
Concen: 25.193 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 108074
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.545 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 75 Resp: 108074
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

