

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079796.D
 Acq On : 02 Nov 2023 14:47
 Operator : JC\MD
 Sample : 05224-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:01:28 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)

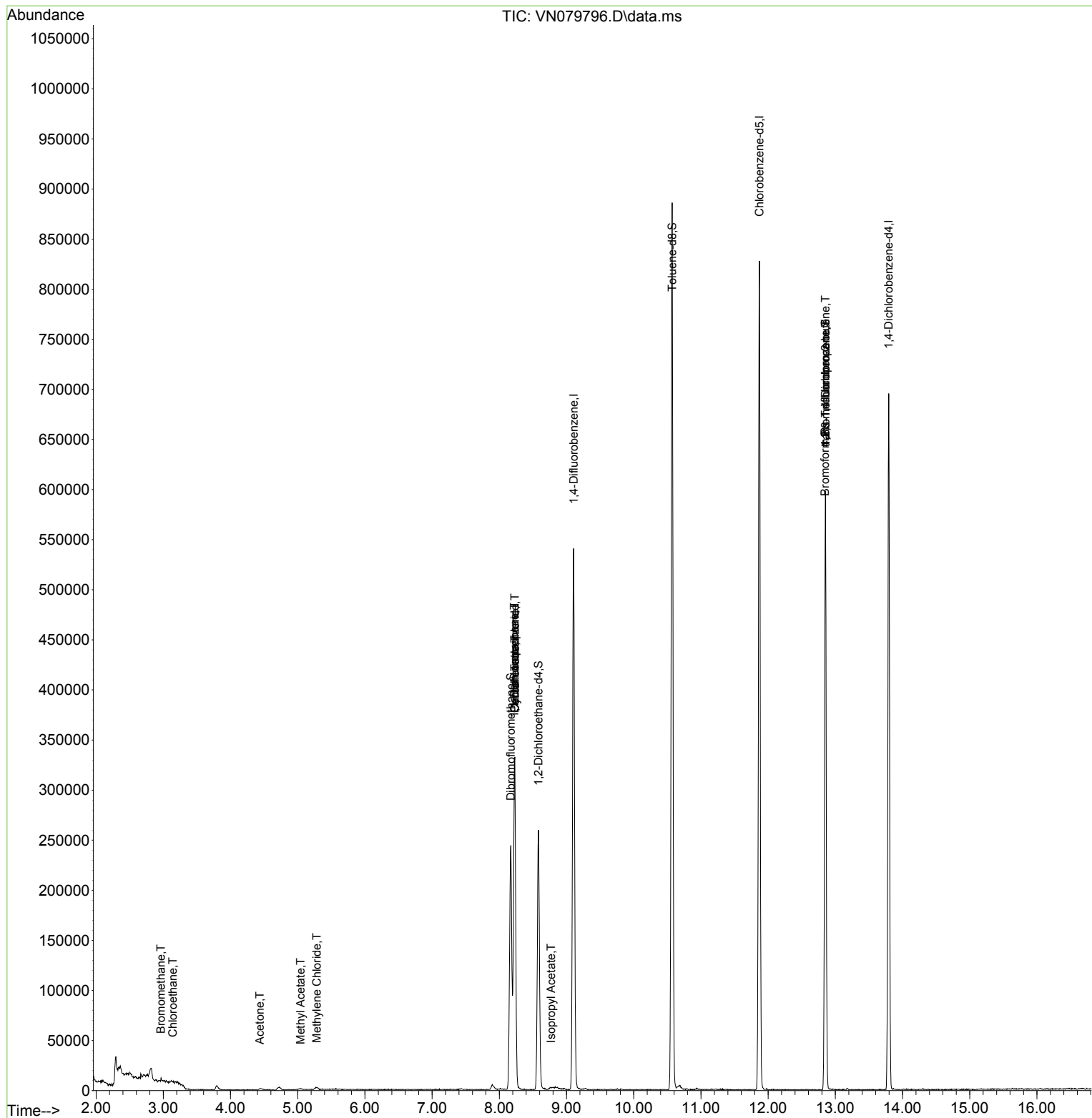
Internal Standards						
1) Pentafluorobenzene	8.230	168	231901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205861	58.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.540%	
35) Dibromofluoromethane	8.171	113	172994	53.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.740%	
50) Toluene-d8	10.571	98	598548	50.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.853	95	195219	49.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	810	0.365	ug/l	91
6) Chloroethane	3.142	64	1068	0.370	ug/l #	43
16) Acetone	4.436	43	1029	0.829	ug/l	99
18) Methyl Acetate	5.042	43	1844	0.311	ug/l #	58
20) Methylene Chloride	5.283	84	1815	0.580	ug/l #	76
31) Cyclohexane	8.230	56	6991	1.497	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	21093	4.600	ug/l #	45
38) Carbon Tetrachloride	8.230	117	26191	5.667	ug/l #	15
43) Isopropyl Acetate	8.771	43	1971	0.267	ug/l #	49
71) Bromoform	12.847	173	1821	0.711	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106631	25.544	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106631	69.498	ug/l #	15

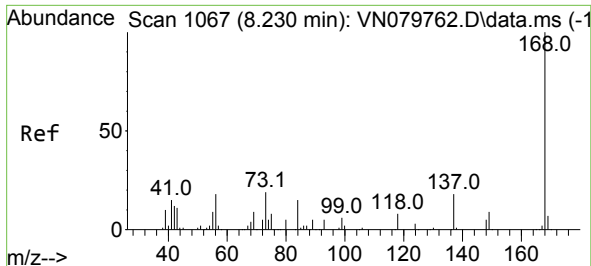
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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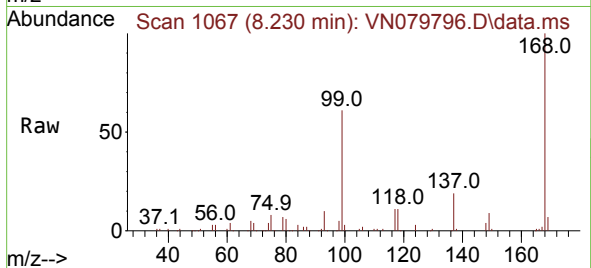
Quant Time: Nov 03 04:01:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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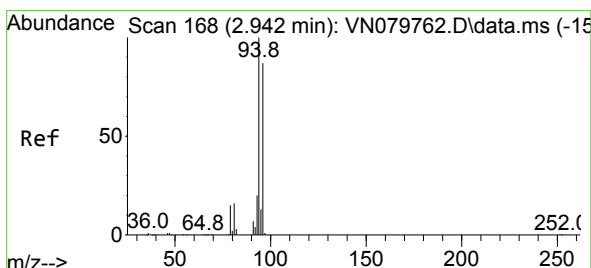
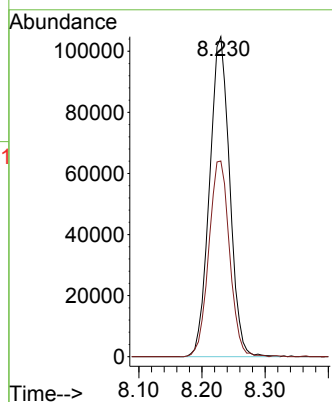
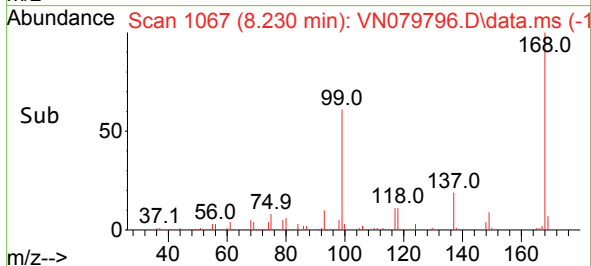


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :

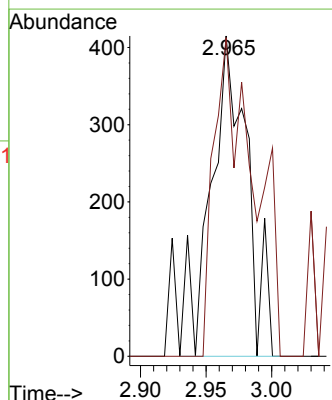
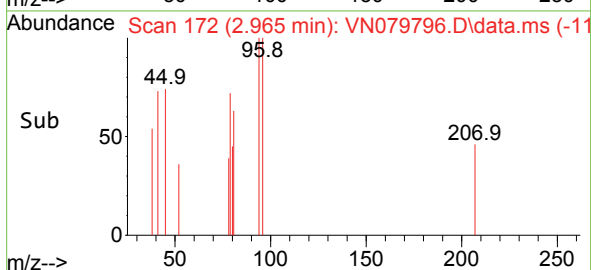
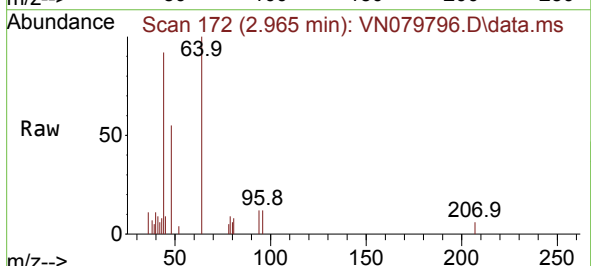


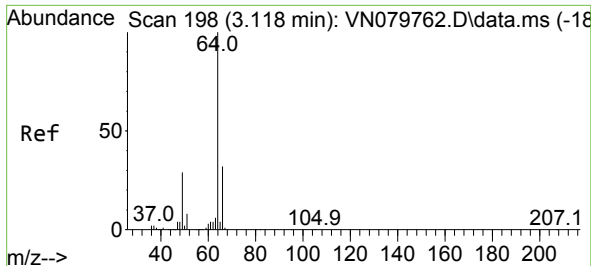
Tgt Ion:168 Resp: 231901
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#5
Bromomethane
Concen: 0.365 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 94 Resp: 810
Ion Ratio Lower Upper
94 100
96 99.5 73.1 109.7

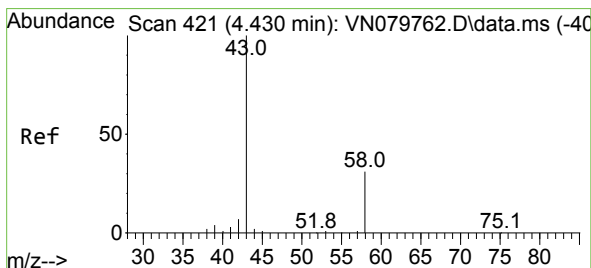
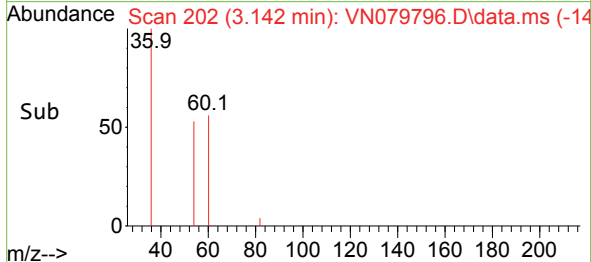
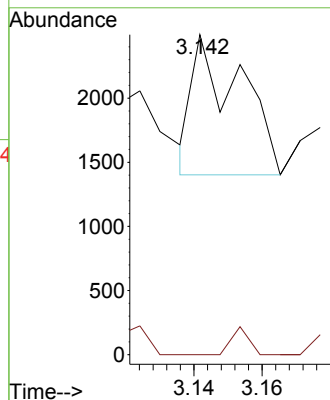
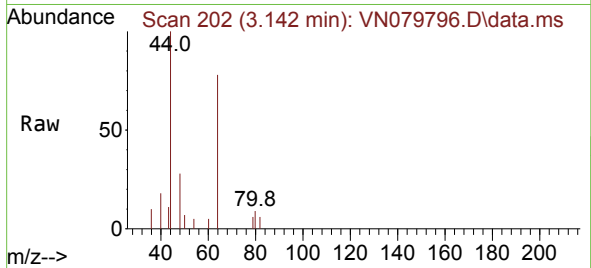




#6
Chloroethane
Concen: 0.370 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

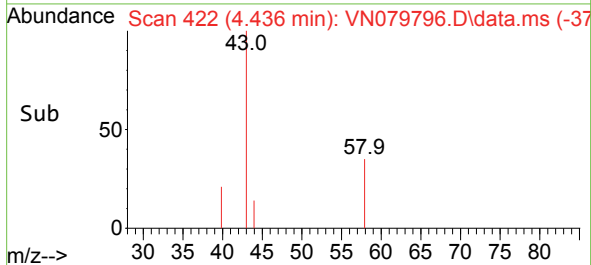
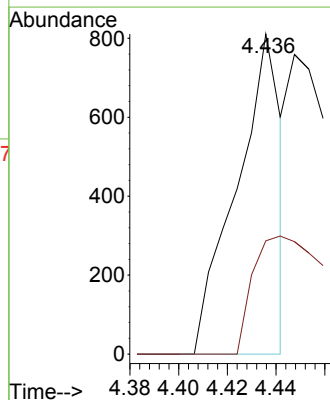
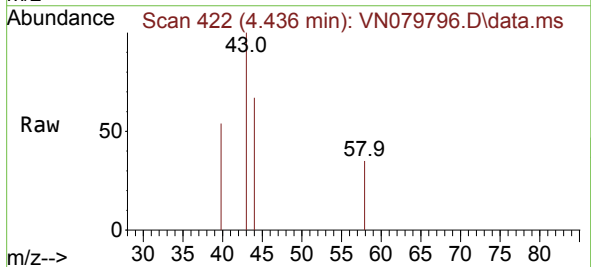
Instrument :
MSVOA_N
ClientSampleId :

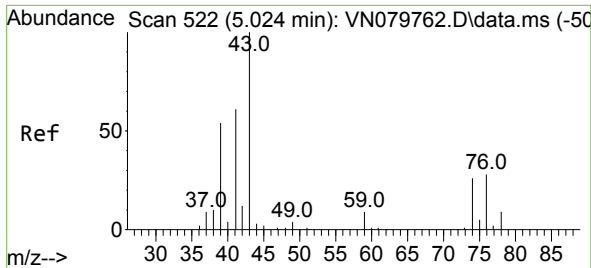
Tgt Ion: 64 Resp: 1068
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.829 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

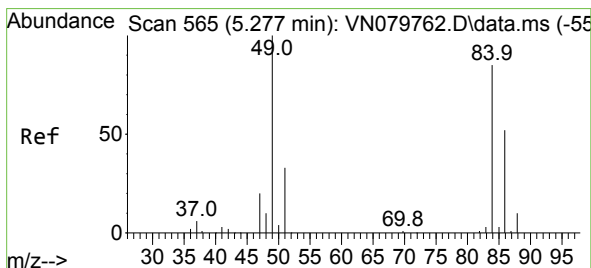
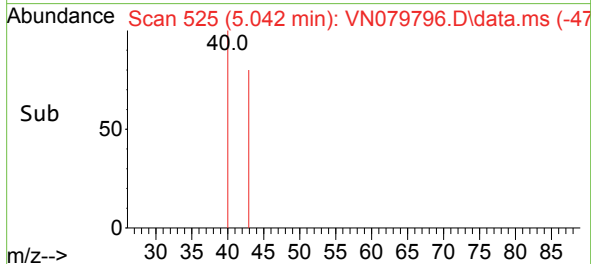
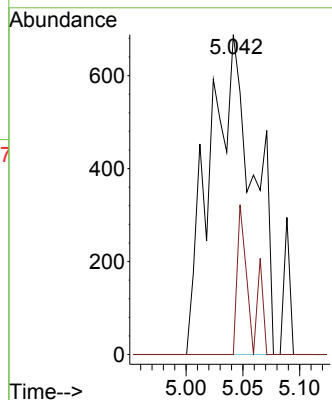
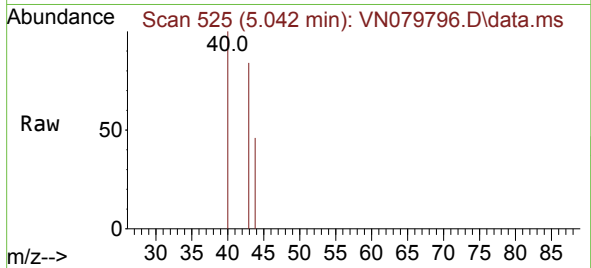




#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

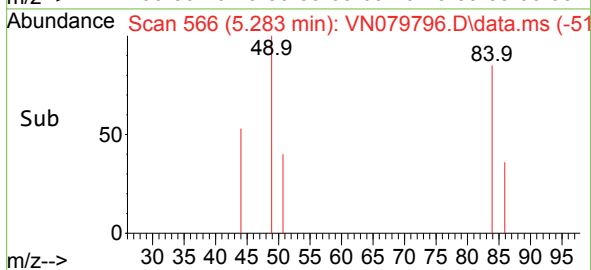
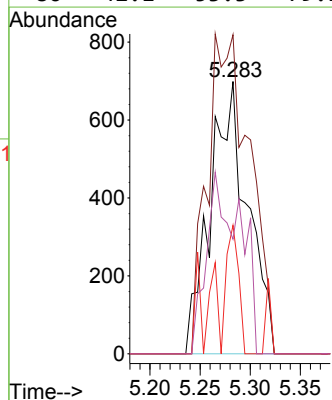
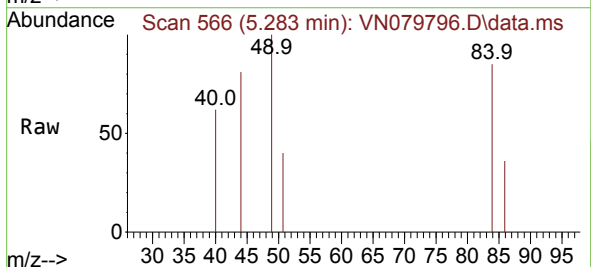
Instrument :
MSVOA_N
ClientSampleId :

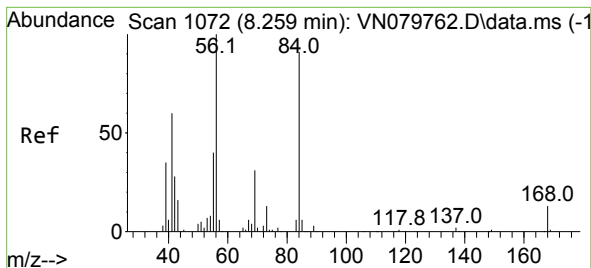
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
74 9.4 26.2 39.4#



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 84 Resp: 1815
Ion Ratio Lower Upper
84 100
49 117.2 79.7 119.5
51 47.2 25.2 37.8#
86 42.1 53.3 79.9#





#31

Cyclohexane

Concen: 1.497 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

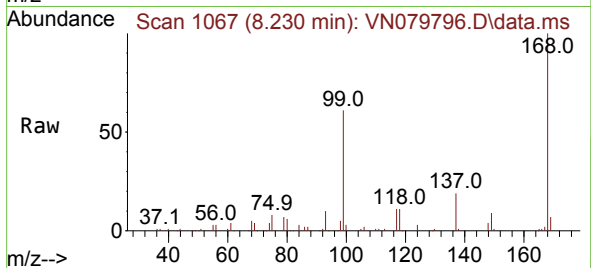
Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :



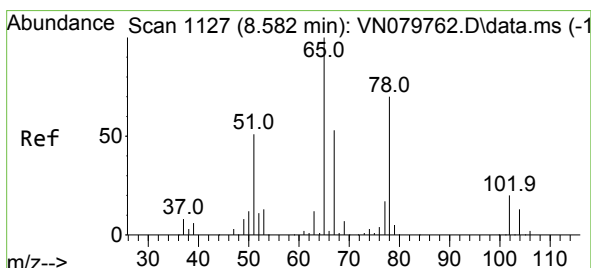
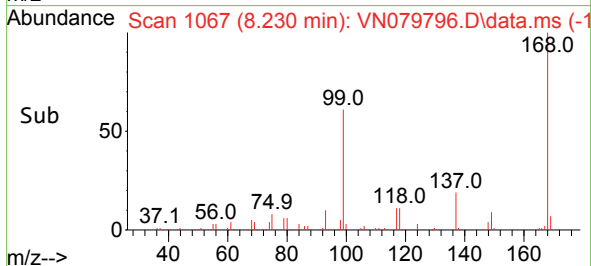
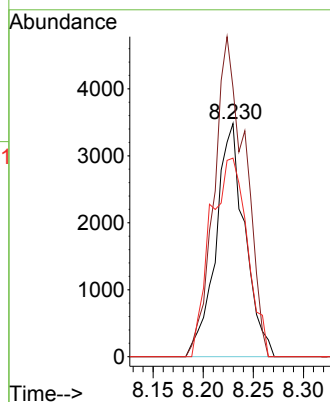
Tgt Ion: 56 Resp: 6991

Ion Ratio Lower Upper

56 100

69 115.4 26.8 40.2#

84 85.2 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 58.267 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079796.D

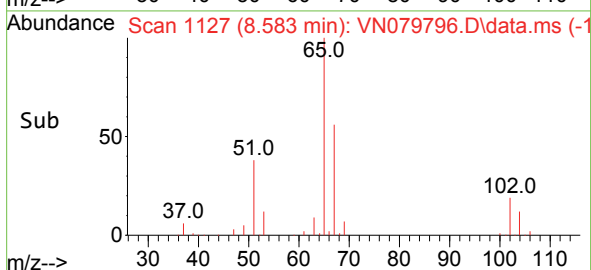
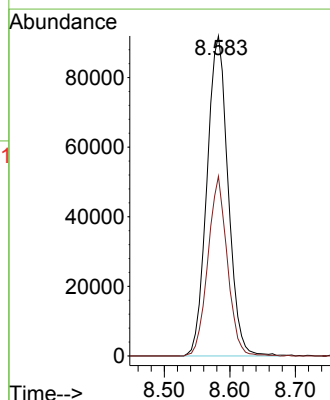
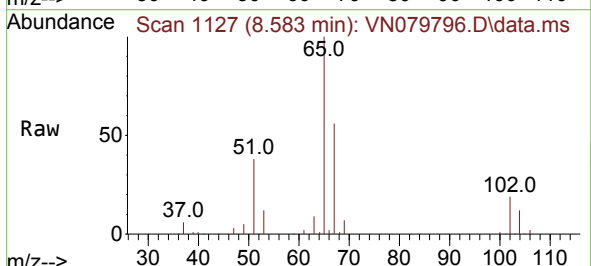
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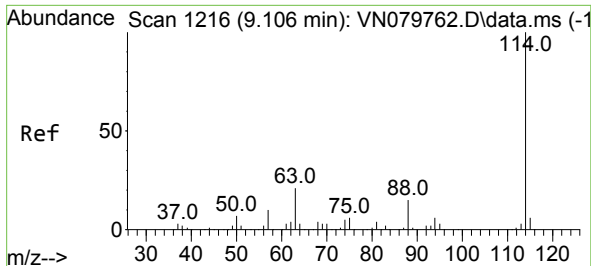
Tgt Ion: 65 Resp: 205861

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6

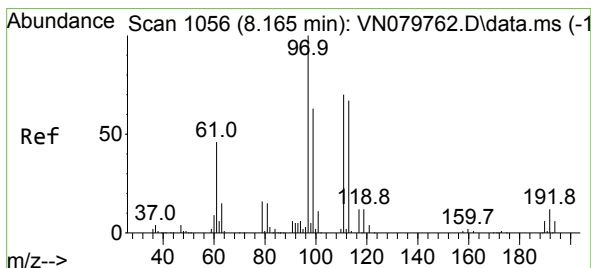
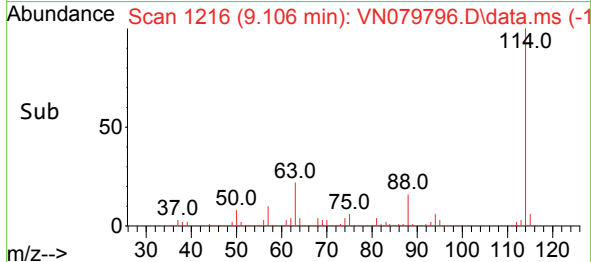
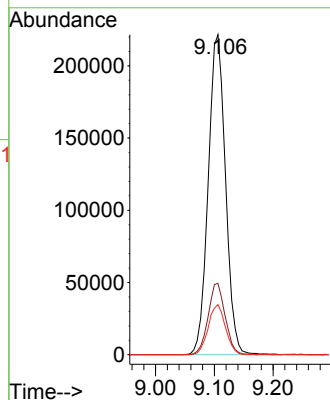
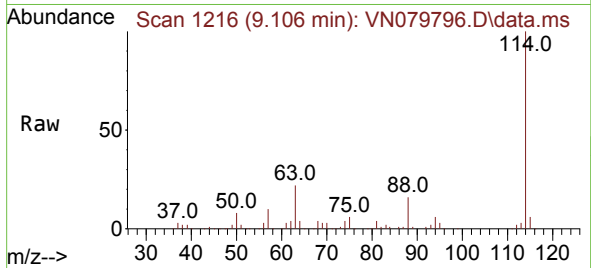




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

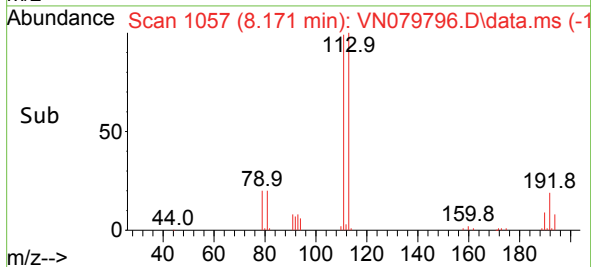
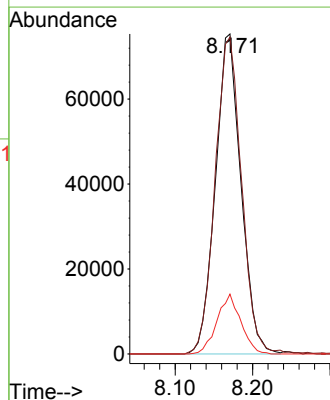
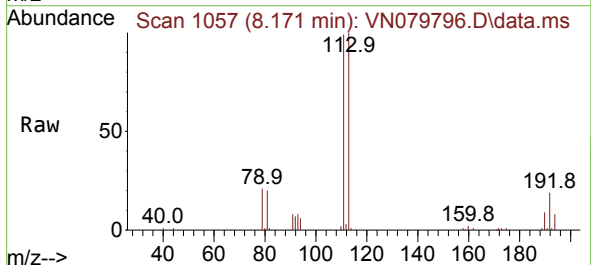
Instrument :
MSVOA_N
ClientSampleId :

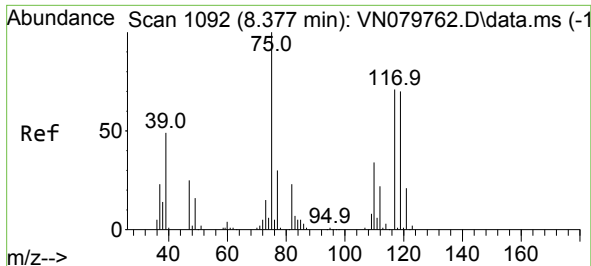
Tgt Ion:114 Resp: 453753
Ion Ratio Lower Upper
114 100
63 22.3 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.867 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion:113 Resp: 172994
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.600 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

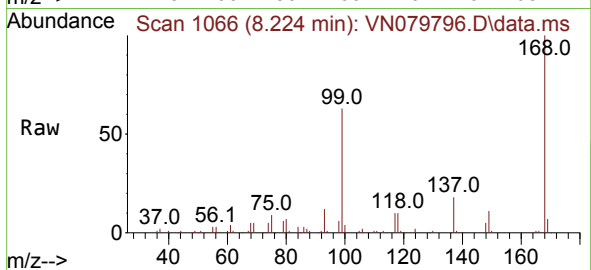
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Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :



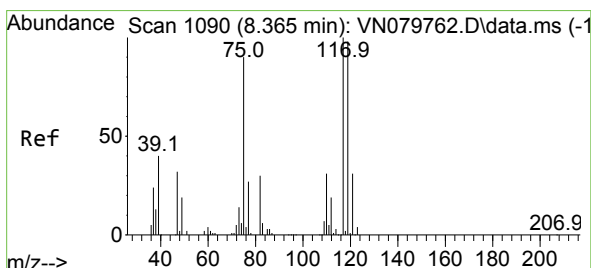
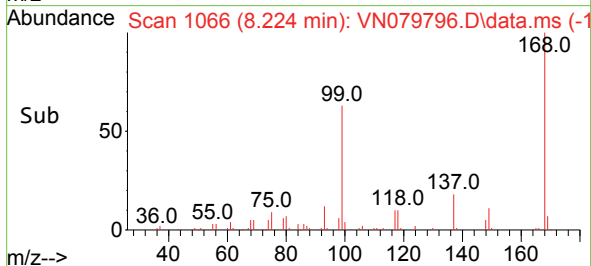
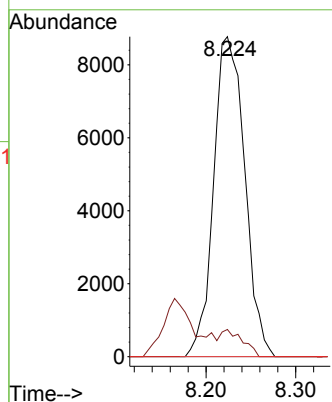
Tgt Ion: 75 Resp: 21093

Ion Ratio Lower Upper

75 100

110 6.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.667 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

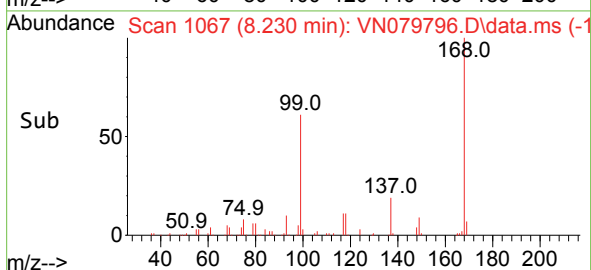
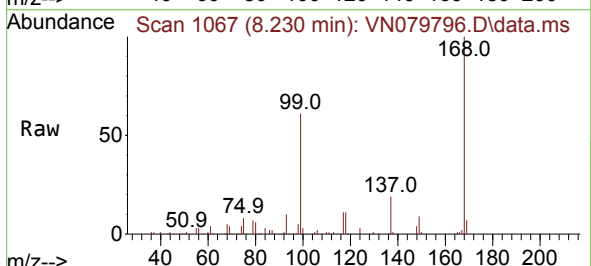
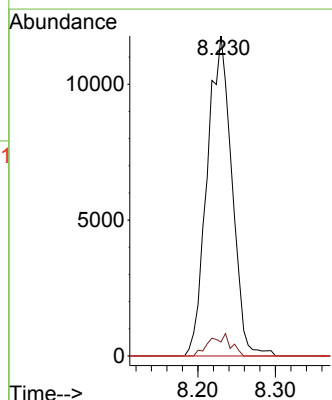
Tgt Ion: 117 Resp: 26191

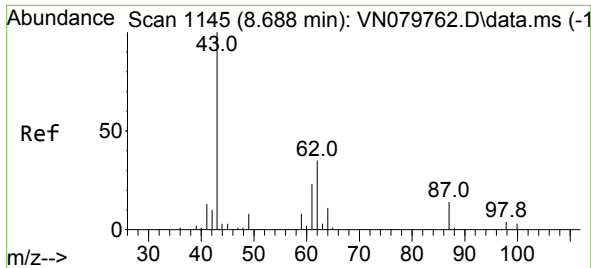
Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#

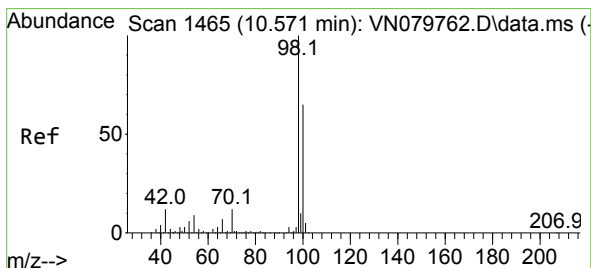
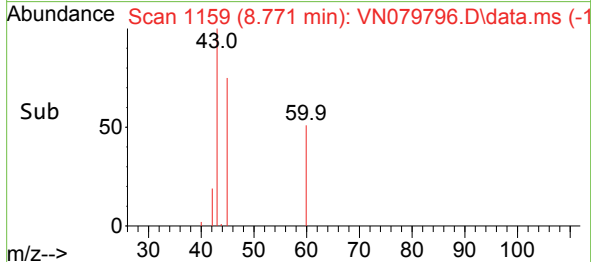
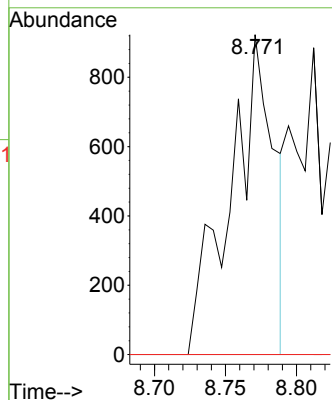
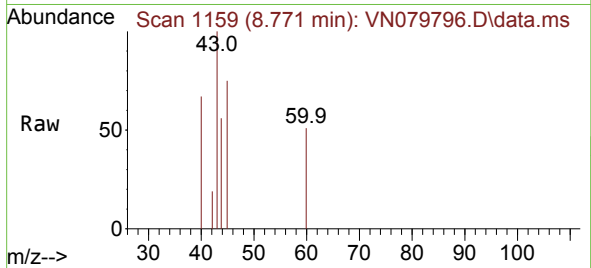




#43
Isopropyl Acetate
Concen: 0.267 ug/l
RT: 8.771 min Scan# 1159
Delta R.T. 0.083 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

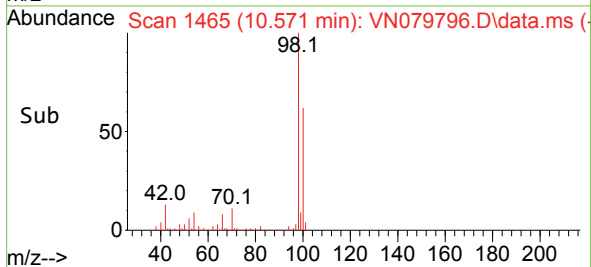
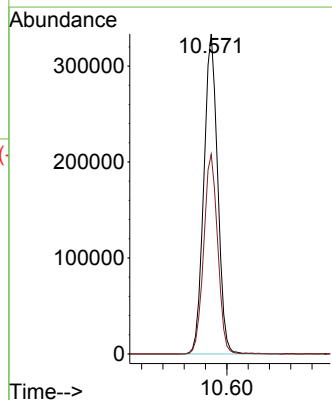
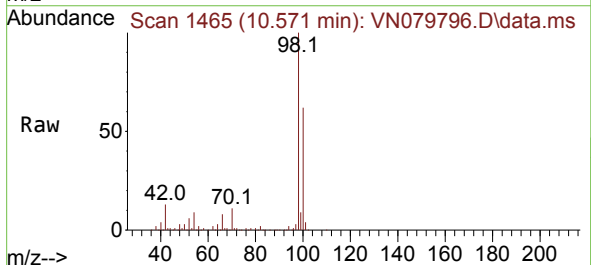
Instrument :
MSVOA_N
ClientSampleId :

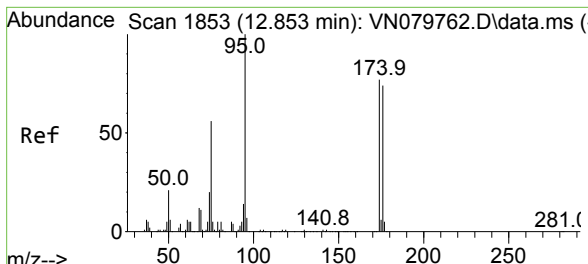
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 98 Resp: 598548
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

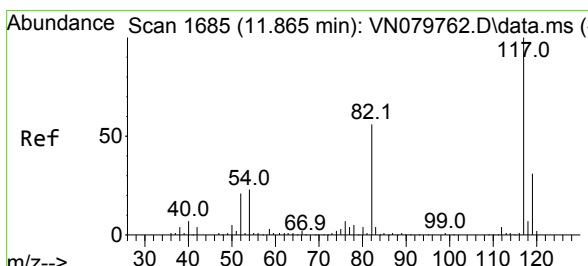
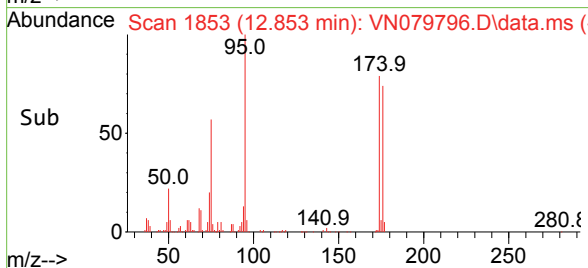
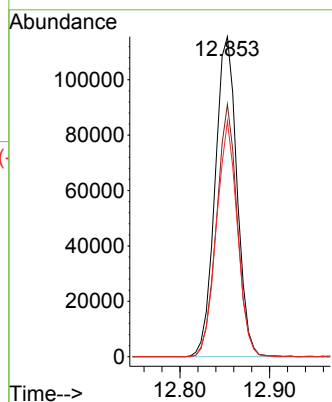
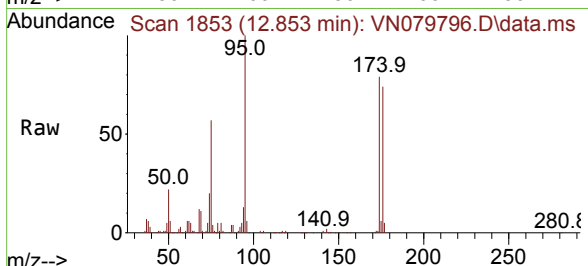




#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

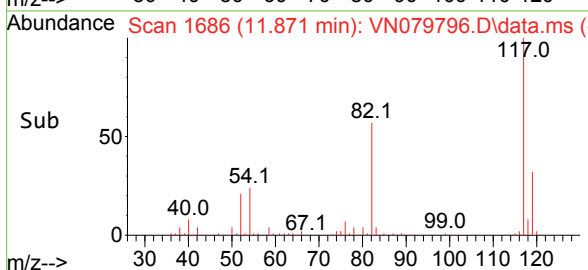
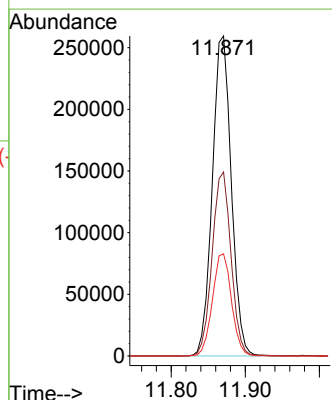
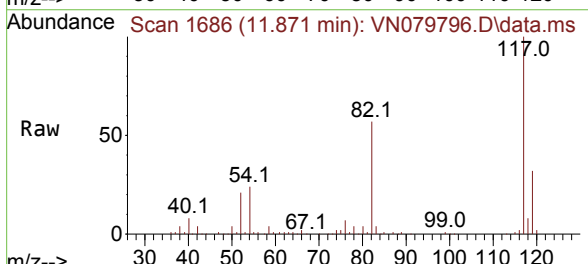
Instrument :
MSVOA_N
ClientSampleId :

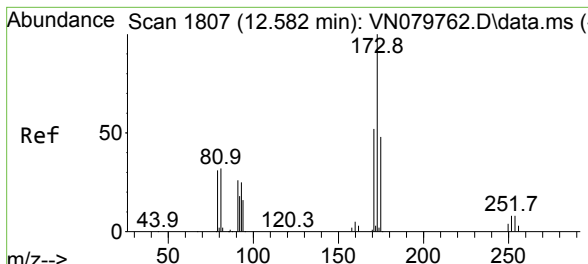
Tgt Ion:	95	Resp:	195219
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	143.8
176	70.7	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

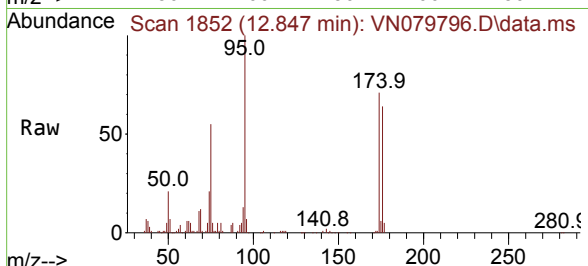
Tgt Ion:	117	Resp:	461549
Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.0	66.0
119	31.9	25.6	38.4





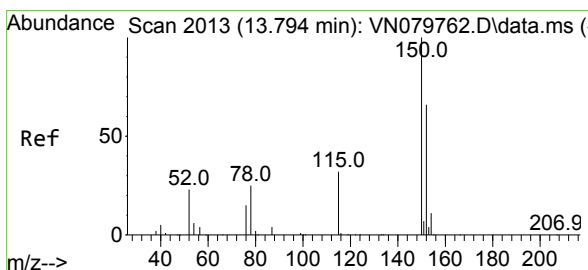
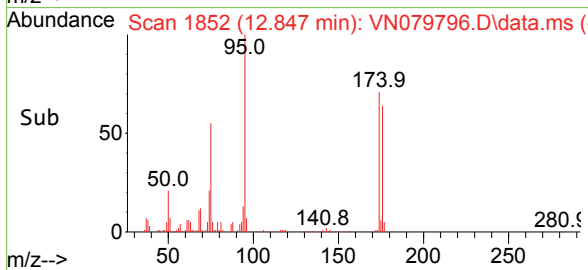
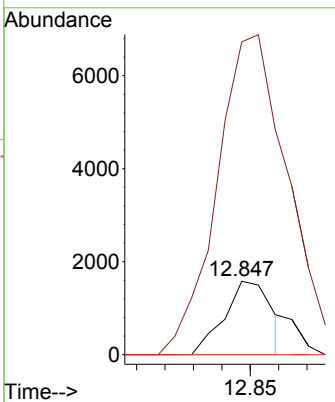
#71
 Bromoform
 Concen: 0.711 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.265 min
 Lab File: VN079796.D
 Acq: 02 Nov 2023 14:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:173 Resp: 1821

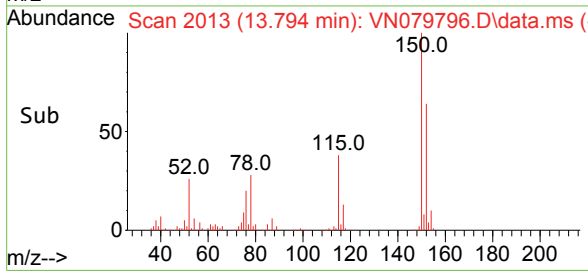
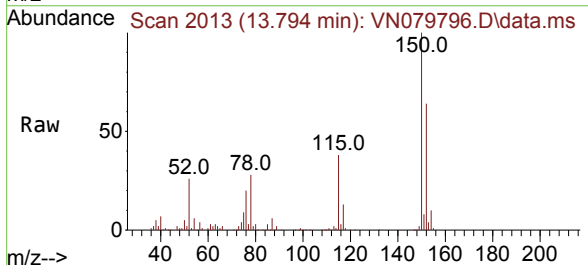
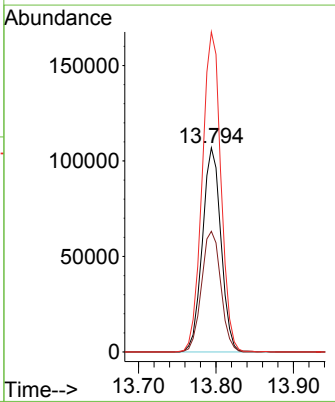
Ion	Ratio	Lower	Upper
173	100		
175	530.4	24.3	73.0#
254	0.0	0.0	0.0

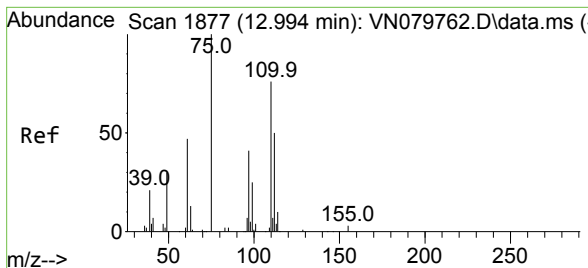


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079796.D
 Acq: 02 Nov 2023 14:47

Tgt Ion:152 Resp: 177810

Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.3	96.8
150	158.2	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 25.544 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

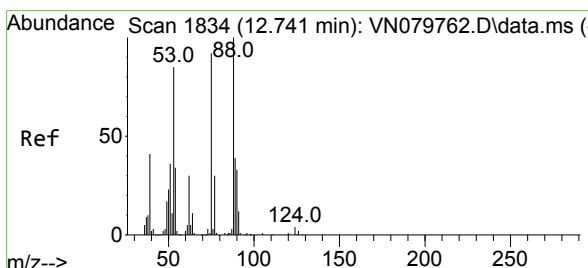
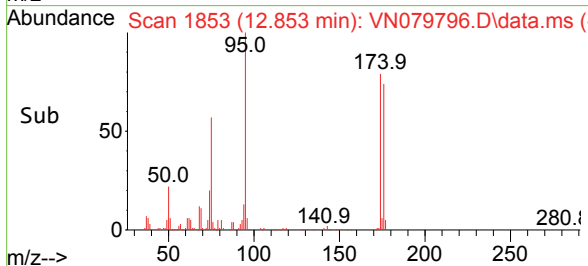
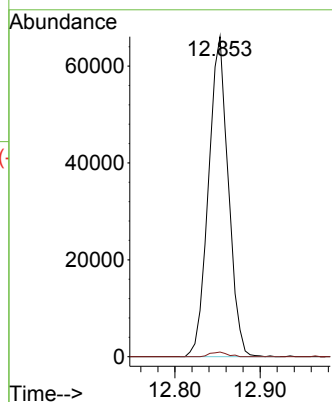
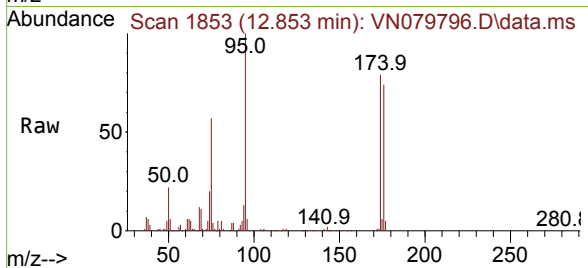
ClientSampleId :

Tgt Ion: 75 Resp: 106631

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.498 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Tgt Ion: 75 Resp: 106631

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.1 38.8 58.2#

