

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079238.D
 Acq On : 12 Sep 2023 16:18
 Operator : JC\MD
 Sample : 04353-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:34:08 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)

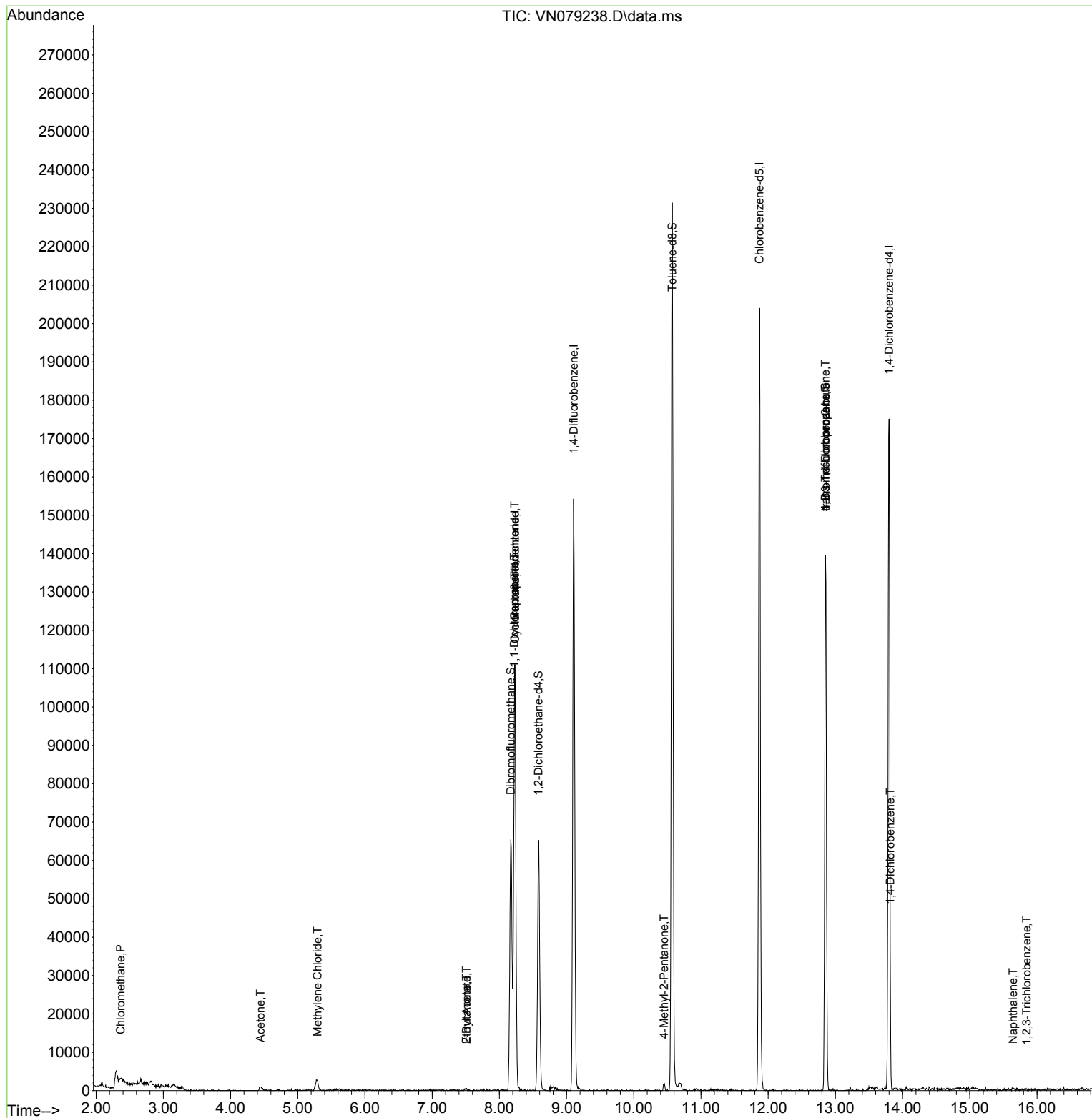
Internal Standards						
1) Pentafluorobenzene	8.230	168	82941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	135235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	124437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	51951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	57175	51.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.140%	
35) Dibromofluoromethane	8.171	113	47317	52.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	10.571	98	167739	50.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.853	95	50922	48.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	393	0.365	ug/l #	42
6) Chloroethane	3.101	64	552	Below Cal	#	43
16) Acetone	4.447	43	1933	4.065	ug/l #	84
20) Methylene Chloride	5.295	84	2435	2.104	ug/l #	78
25) 2-Butanone	7.512	43	762	1.104	ug/l #	37
31) Cyclohexane	8.236	56	1555	0.951	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	6004	4.330	ug/l #	49
37) Ethyl Acetate	7.512	43	762	0.551	ug/l #	63
38) Carbon Tetrachloride	8.230	117	8603	5.996	ug/l #	12
51) 4-Methyl-2-Pentanone	10.453	43	1281	0.978	ug/l	93
76) 1,2,3-Trichloropropane	12.853	75	27793	19.850	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	27793	54.572	ug/l #	15
88) 1,4-Dichlorobenzene	13.817	146	414	0.209	ug/l #	18
95) Naphthalene	15.647	128	879	0.425	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.847	180	190	0.231	ug/l #	13

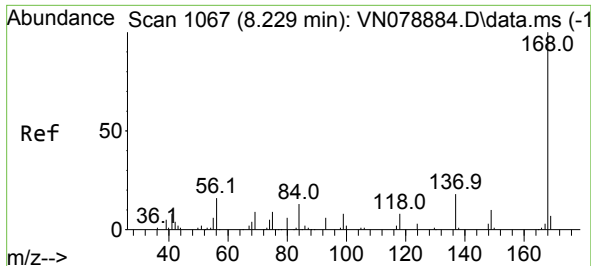
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
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MSVOA_N
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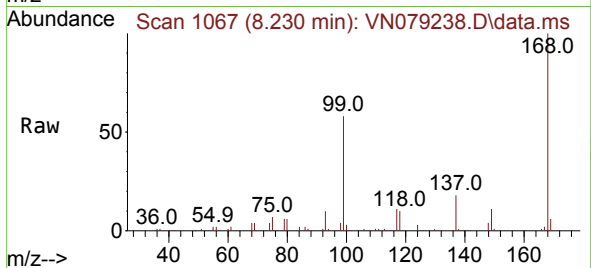
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



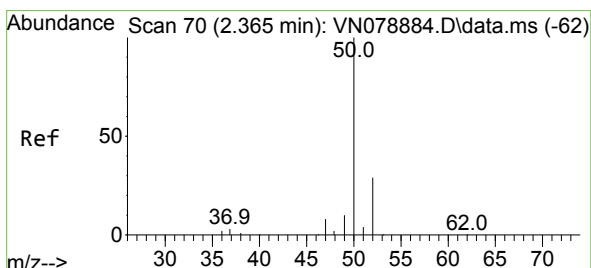
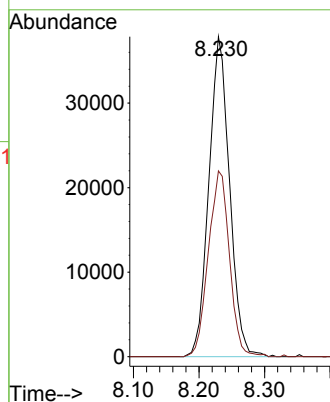
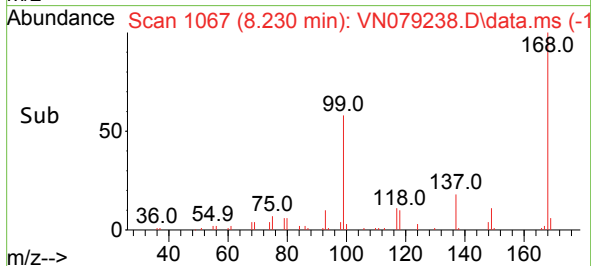


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :

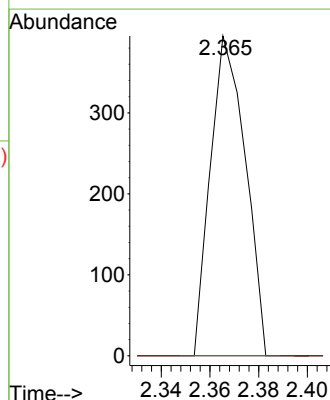
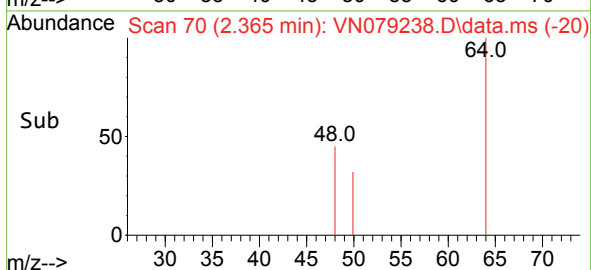
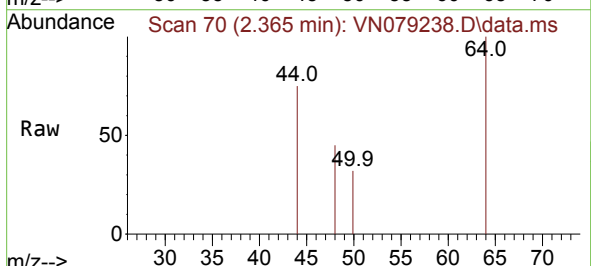


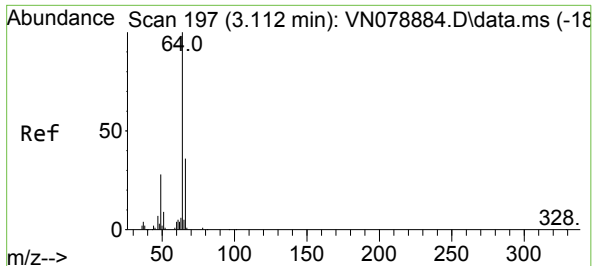
Tgt Ion:168 Resp: 82941
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#3
Chloromethane
Concen: 0.365 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

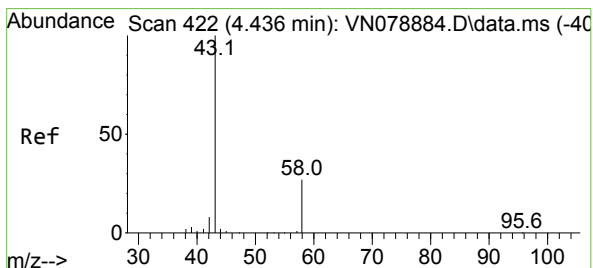
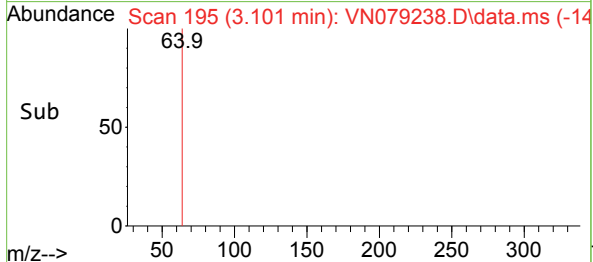
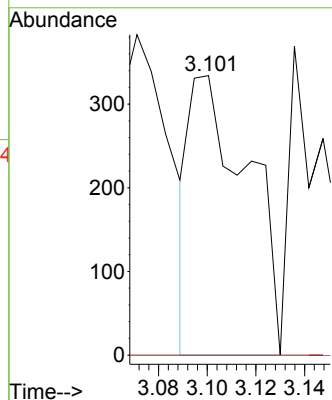
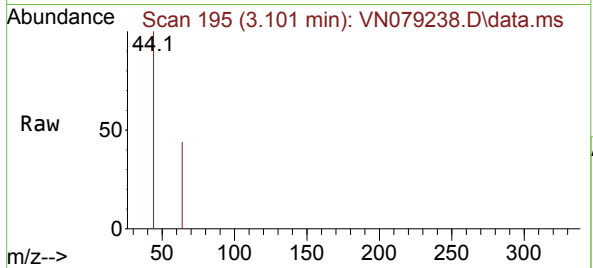




#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 197
Delta R.T. -0.017 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

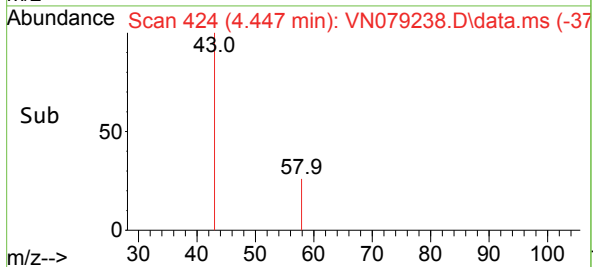
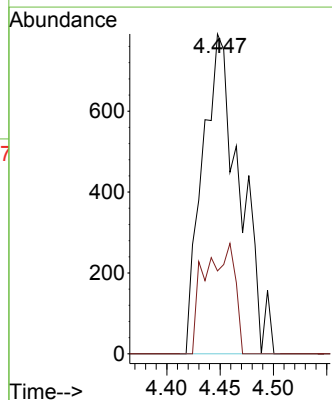
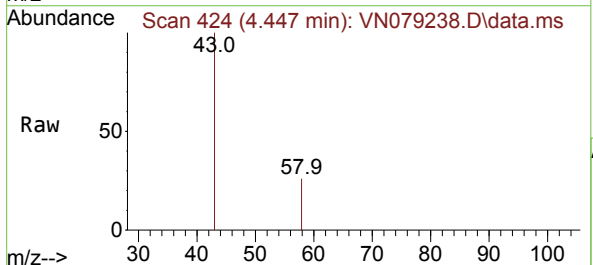
Instrument :
MSVOA_N
ClientSampleId :

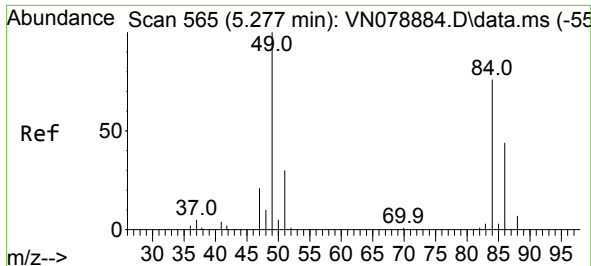
Tgt Ion: 64 Resp: 552
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 4.065 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

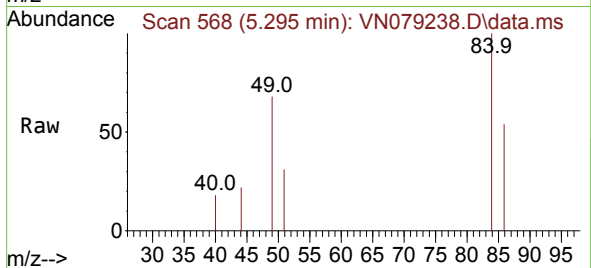
Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 25.9 28.0 42.0#





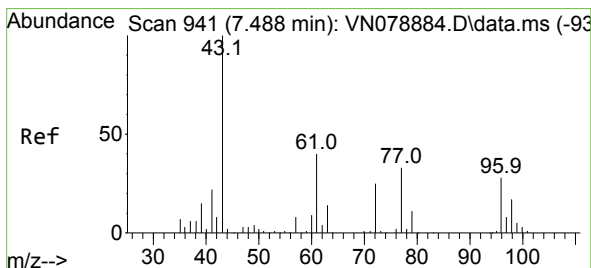
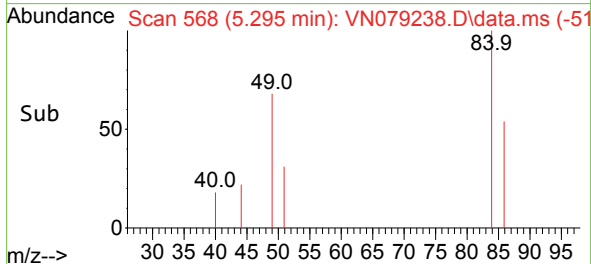
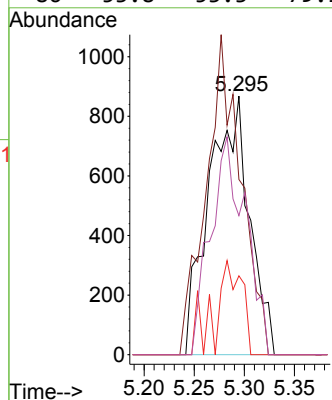
#20
Methylene Chloride
Concen: 2.104 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2435

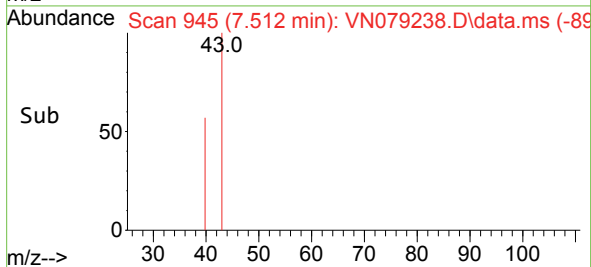
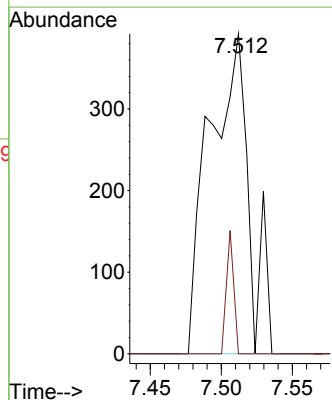
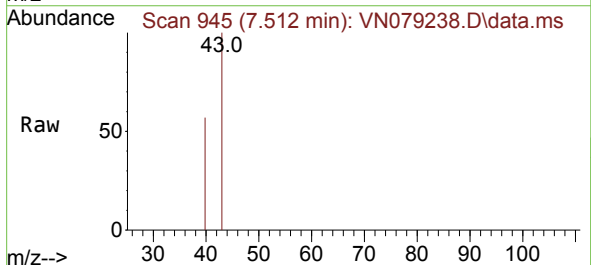
Ion	Ratio	Lower	Upper
84	100		
49	67.7	79.7	119.5#
51	30.5	25.2	37.8
86	53.8	53.3	79.9

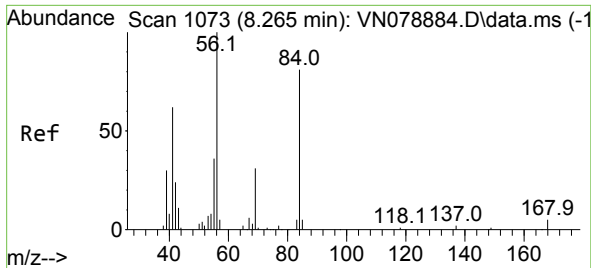


#25
2-Butanone
Concen: 1.104 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 43 Resp: 762

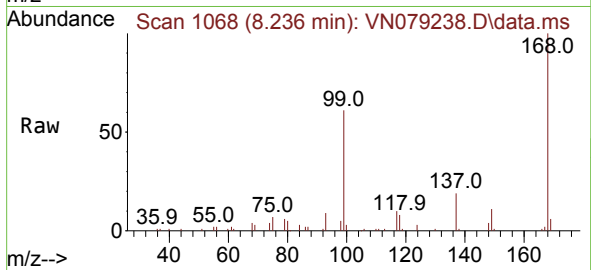
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



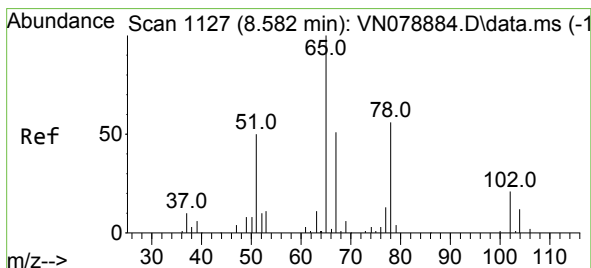
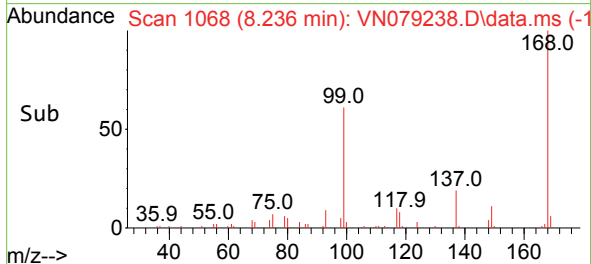
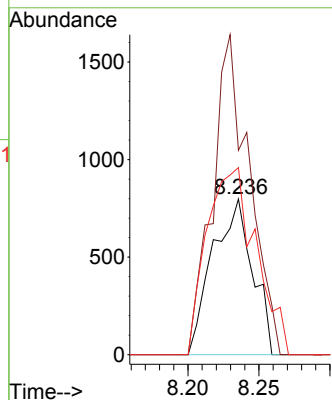


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :

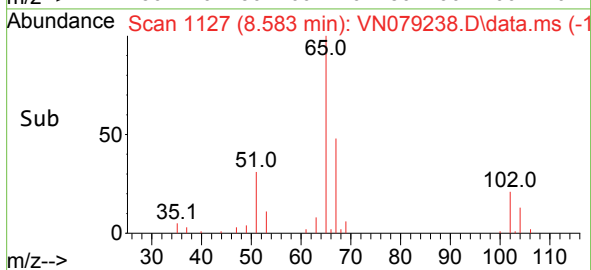
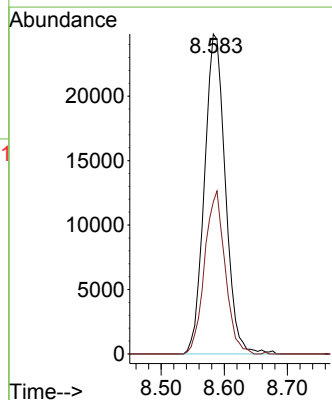
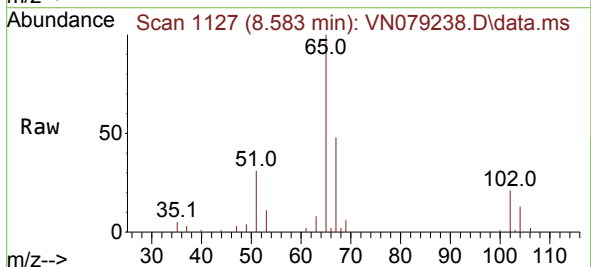


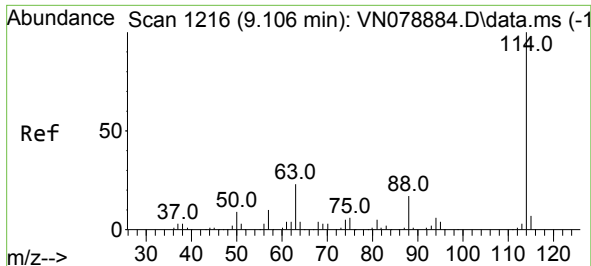
Tgt Ion: 56 Resp: 1555
Ion Ratio Lower Upper
56 100
69 131.2 26.8 40.2#
84 120.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 51.066 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 65 Resp: 57175
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.6

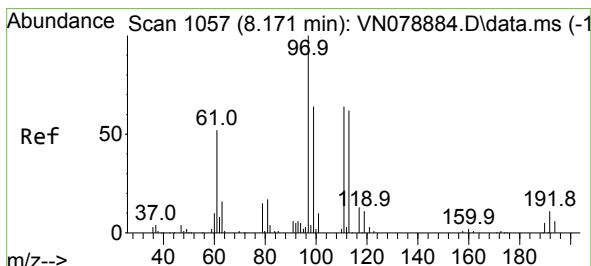
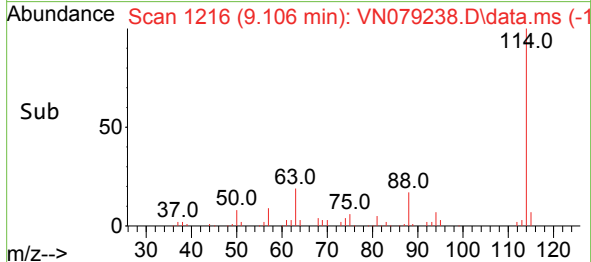
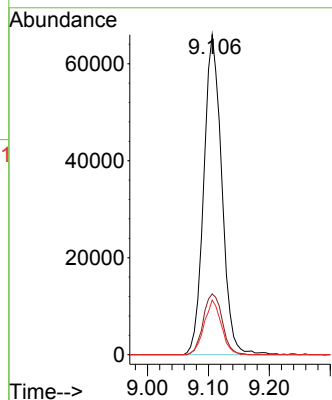
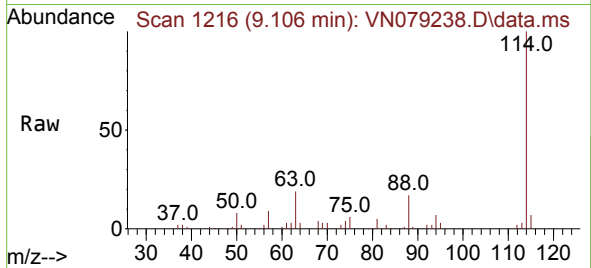




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

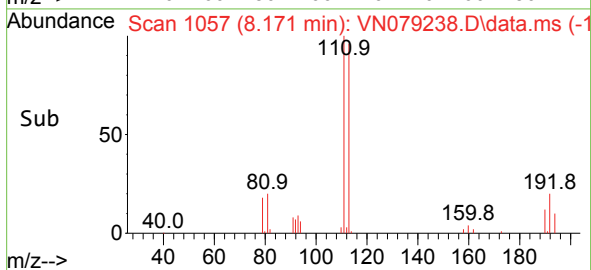
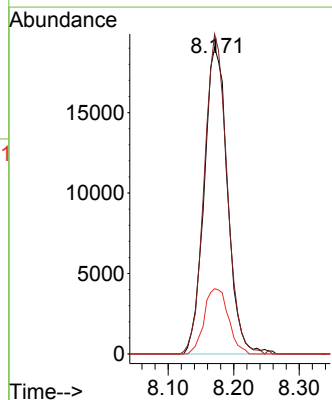
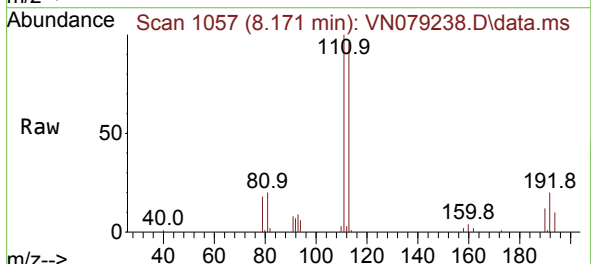
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MSVOA_N
ClientSampleId :

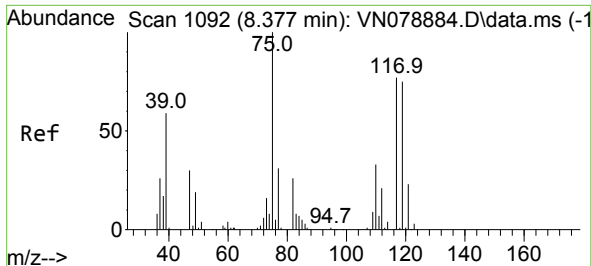
Tgt Ion:114 Resp: 135235
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

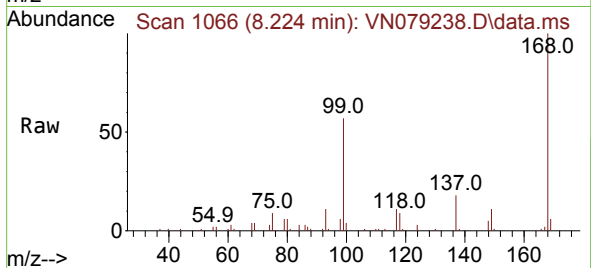
Tgt Ion:113 Resp: 47317
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 21.9 12.7 19.1#



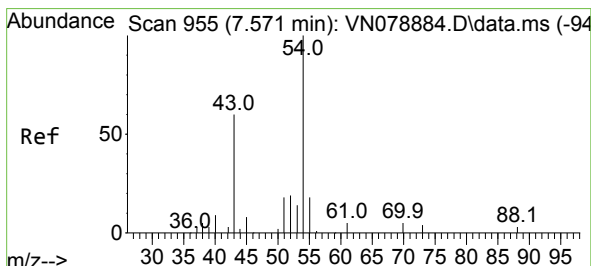
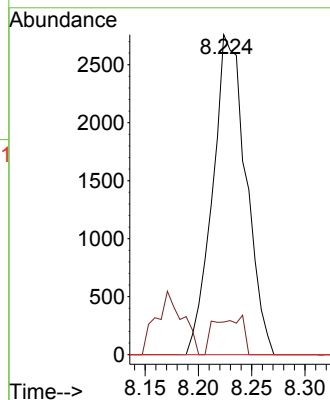
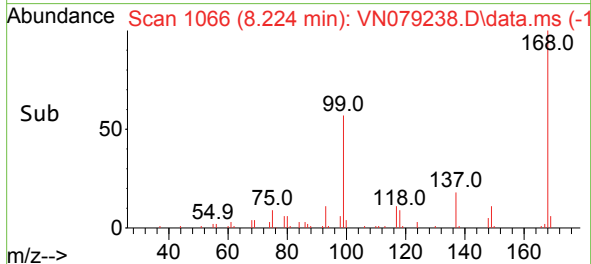


#36
1,1-Dichloropropene
Concen: 4.330 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :

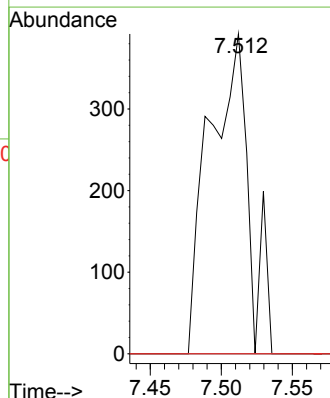
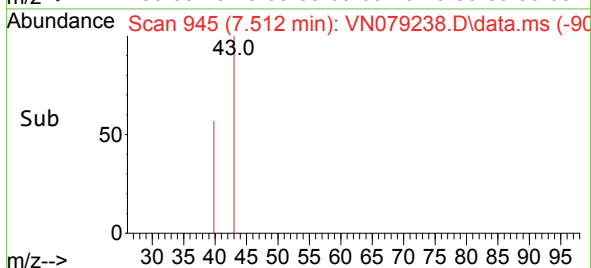
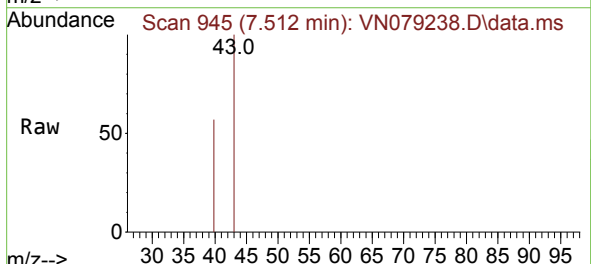


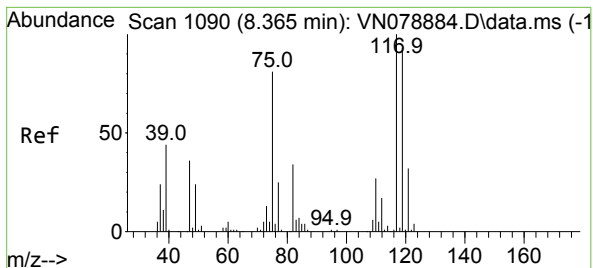
Tgt Ion: 75 Resp: 6004
Ion Ratio Lower Upper
75 100
110 10.3 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.551 ug/l
RT: 7.512 min Scan# 945
Delta R.T. -0.059 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.996 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

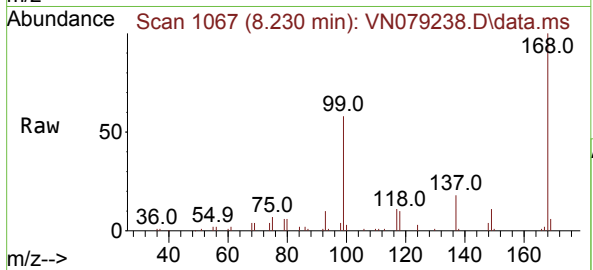
Lab File: VN079238.D

Acq: 12 Sep 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :



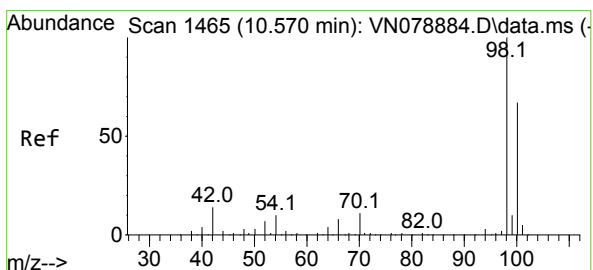
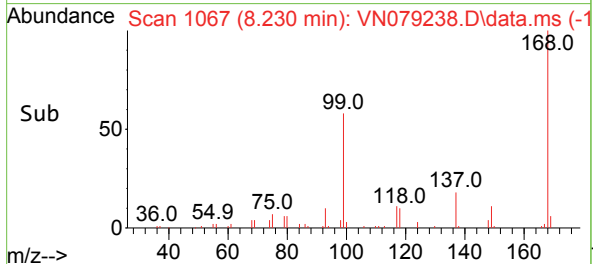
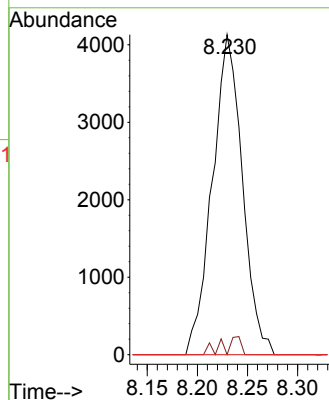
Tgt Ion:117 Resp: 8603

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.783 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079238.D

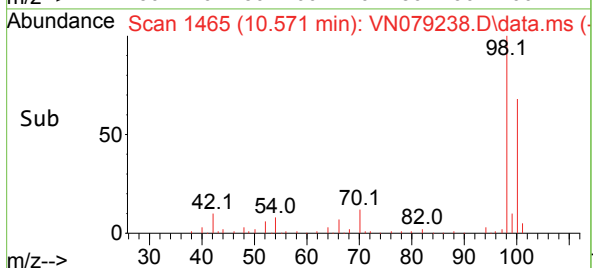
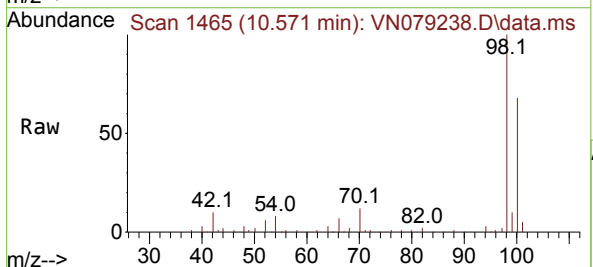
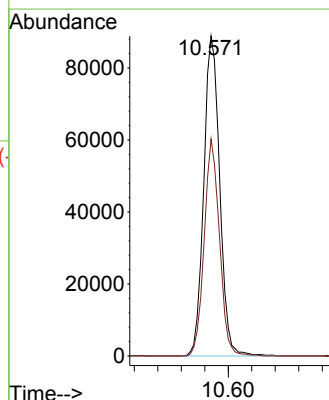
Acq: 12 Sep 2023 16:18

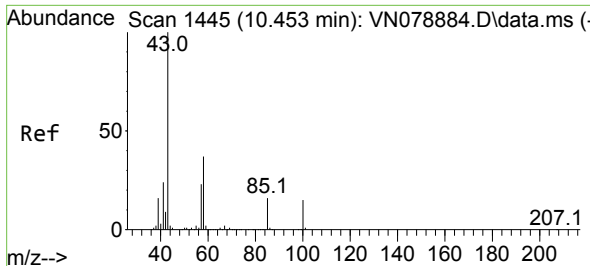
Tgt Ion: 98 Resp: 167739

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

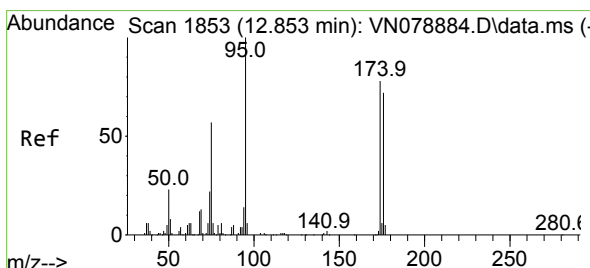
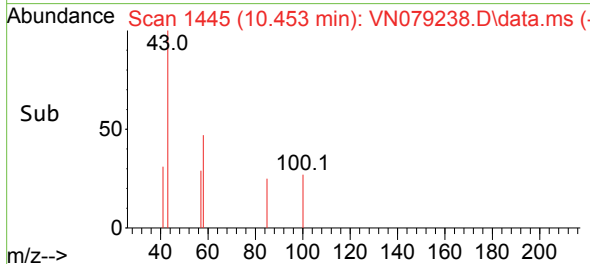
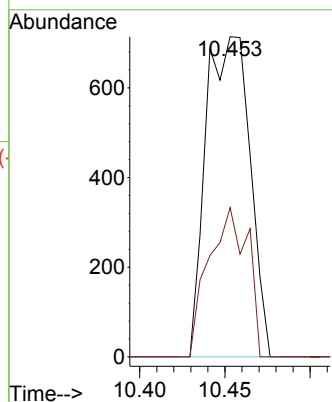
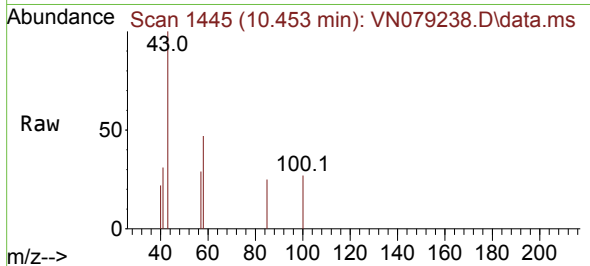




#51
4-Methyl-2-Pentanone
Concen: 0.978 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

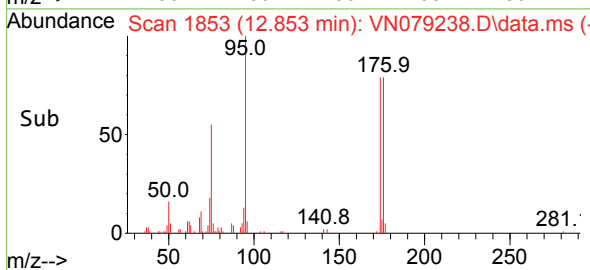
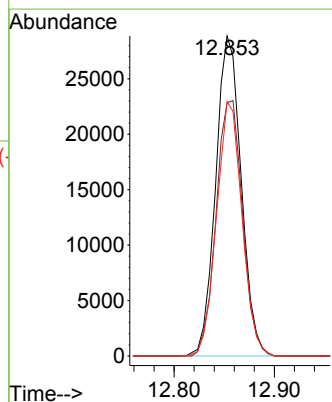
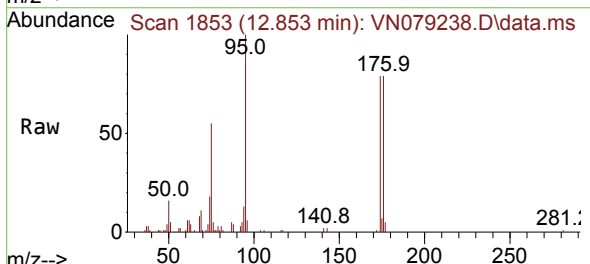
Instrument :
MSVOA_N
ClientSampleId :

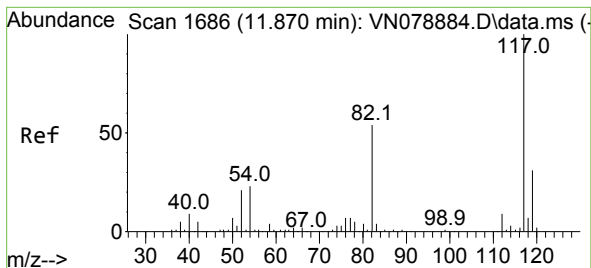
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 95 Resp: 50922
Ion Ratio Lower Upper
95 100
174 82.9 0.0 143.8
176 79.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079238.D

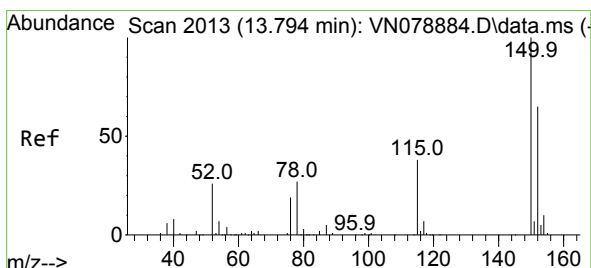
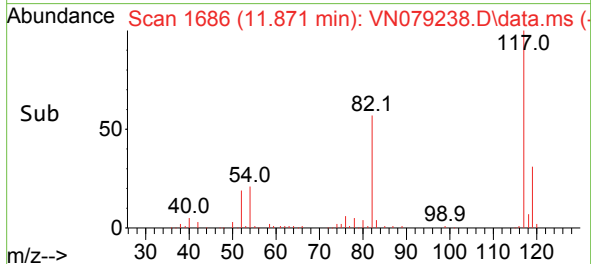
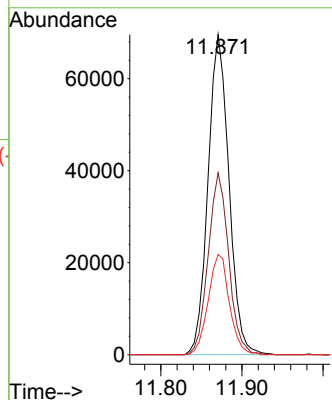
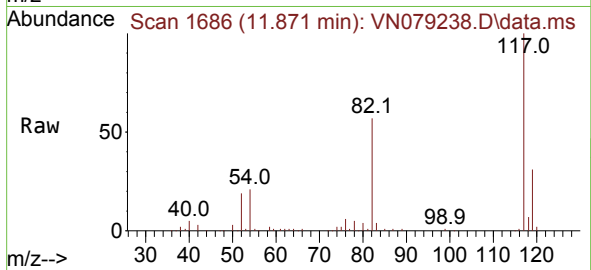
Acq: 12 Sep 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	117	Resp:	124437
Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.0	66.0
119	31.3	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

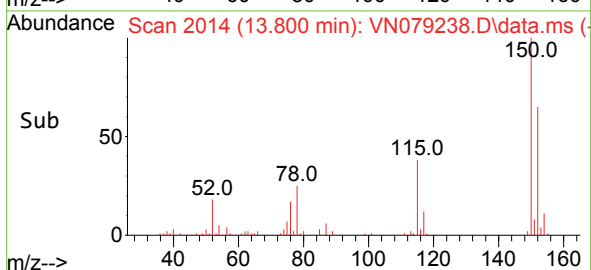
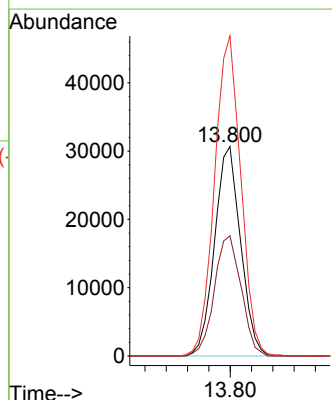
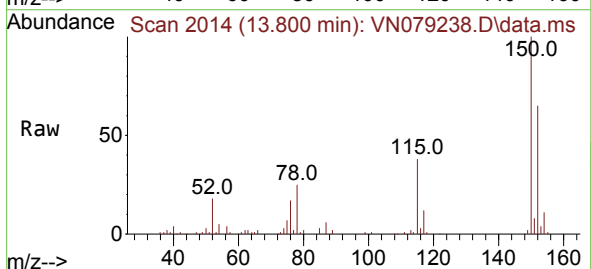
RT: 13.800 min Scan# 2014

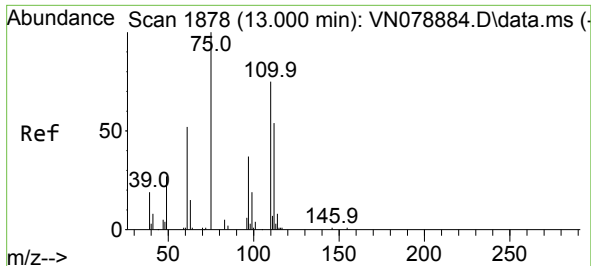
Delta R.T. 0.006 min

Lab File: VN079238.D

Acq: 12 Sep 2023 16:18

Tgt Ion:	152	Resp:	51951
Ion	Ratio	Lower	Upper
152	100		
115	59.1	32.3	96.8
150	154.5	0.0	355.8

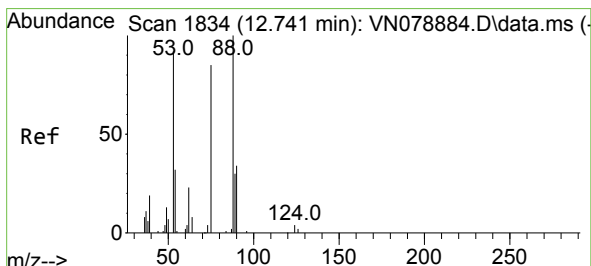
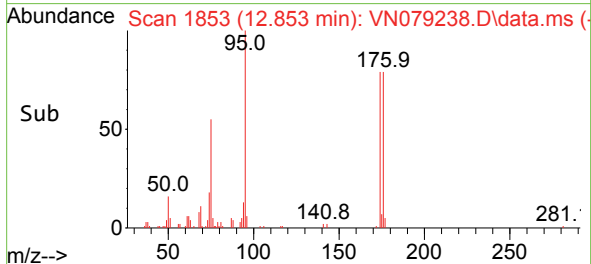
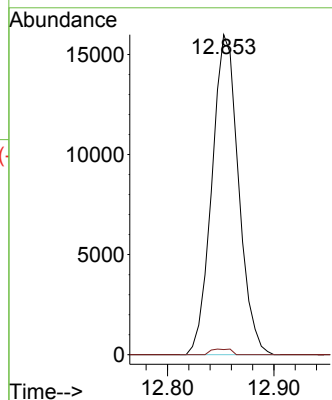
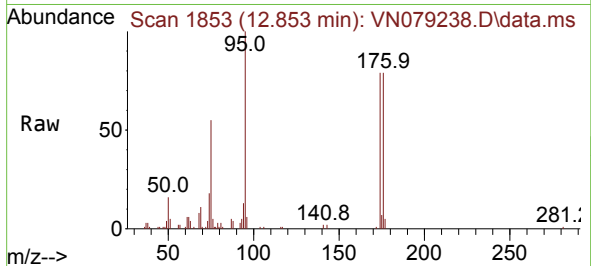




#76
1,2,3-Trichloropropane
Concen: 19.850 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

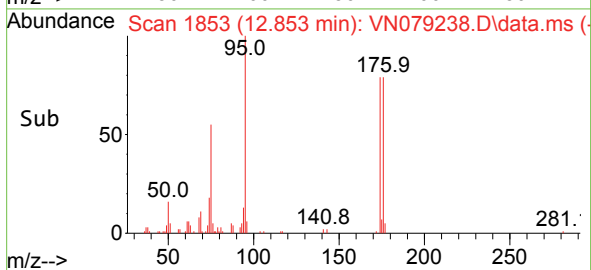
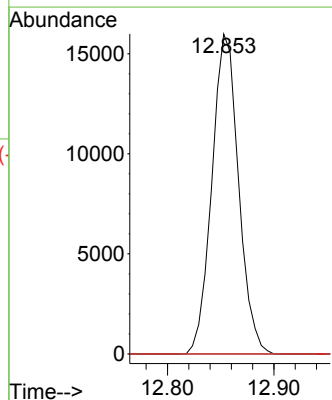
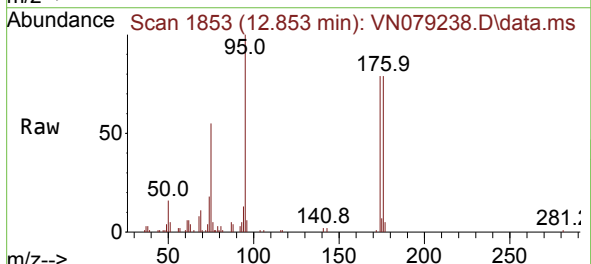
Instrument :
MSVOA_N
ClientSampleId :

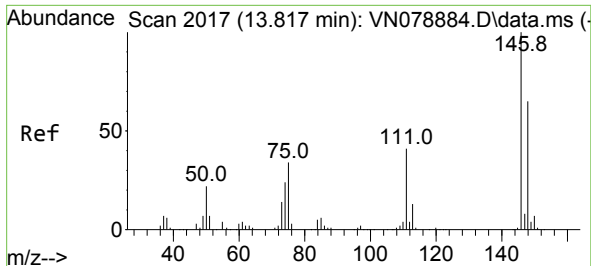
Tgt Ion: 75 Resp: 27793
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079238.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 75 Resp: 27793
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#88

1,4-Dichlorobenzene

Concen: 0.209 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

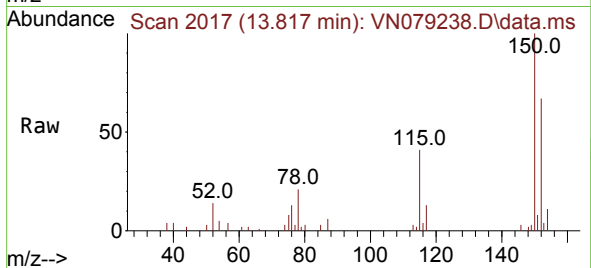
Lab File: VN079238.D

Acq: 12 Sep 2023 16:18

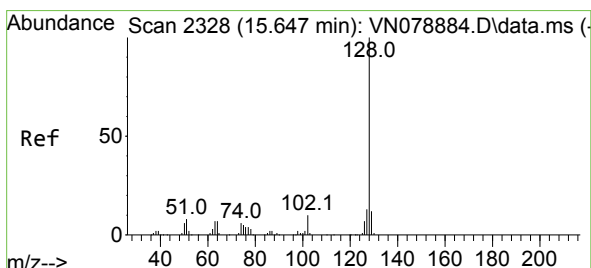
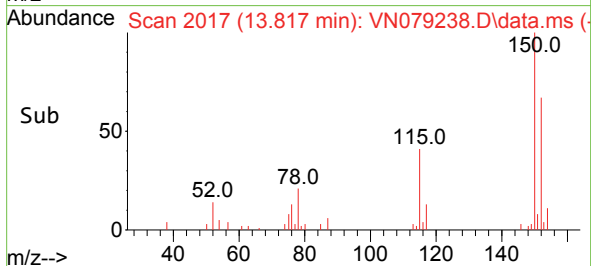
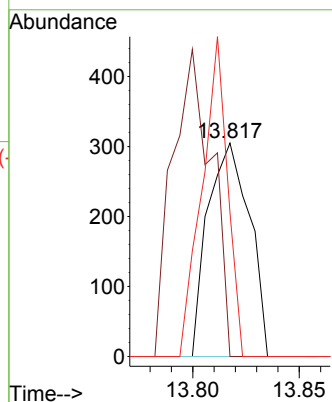
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	414
Ion	Ratio	Lower	Upper
146	100		
111	135.3	20.6	61.8#
148	91.8	31.6	94.8



#95

Naphthalene

Concen: 0.425 ug/l

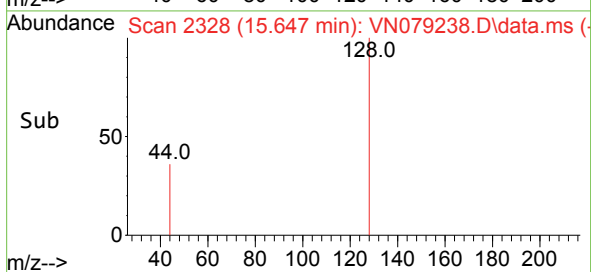
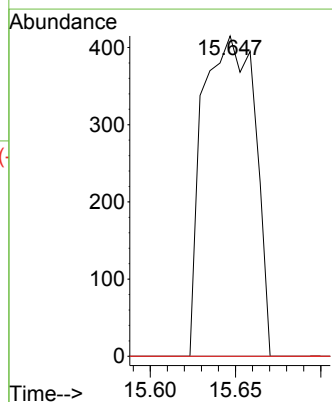
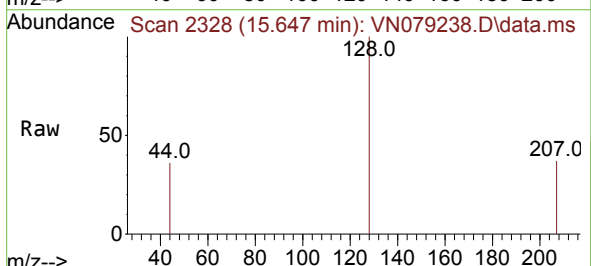
RT: 15.647 min Scan# 2328

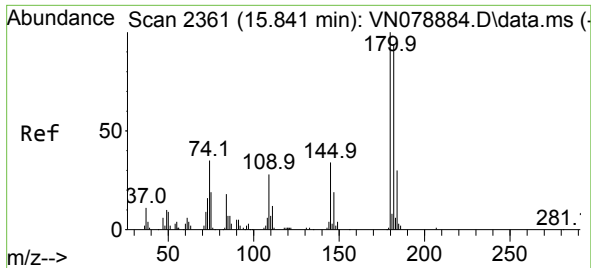
Delta R.T. -0.000 min

Lab File: VN079238.D

Acq: 12 Sep 2023 16:18

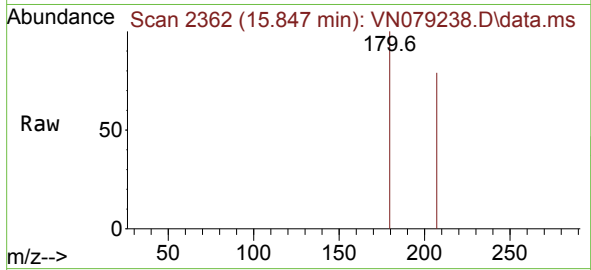
Tgt Ion:	128	Resp:	879
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079238.D
 Acq: 12 Sep 2023 16:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	190
Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.2	138.6#
145	0.0	17.5	52.6#

