

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079279.D
 Acq On : 15 Sep 2023 18:07
 Operator : JC\MD
 Sample : PB155573ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:56:51 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

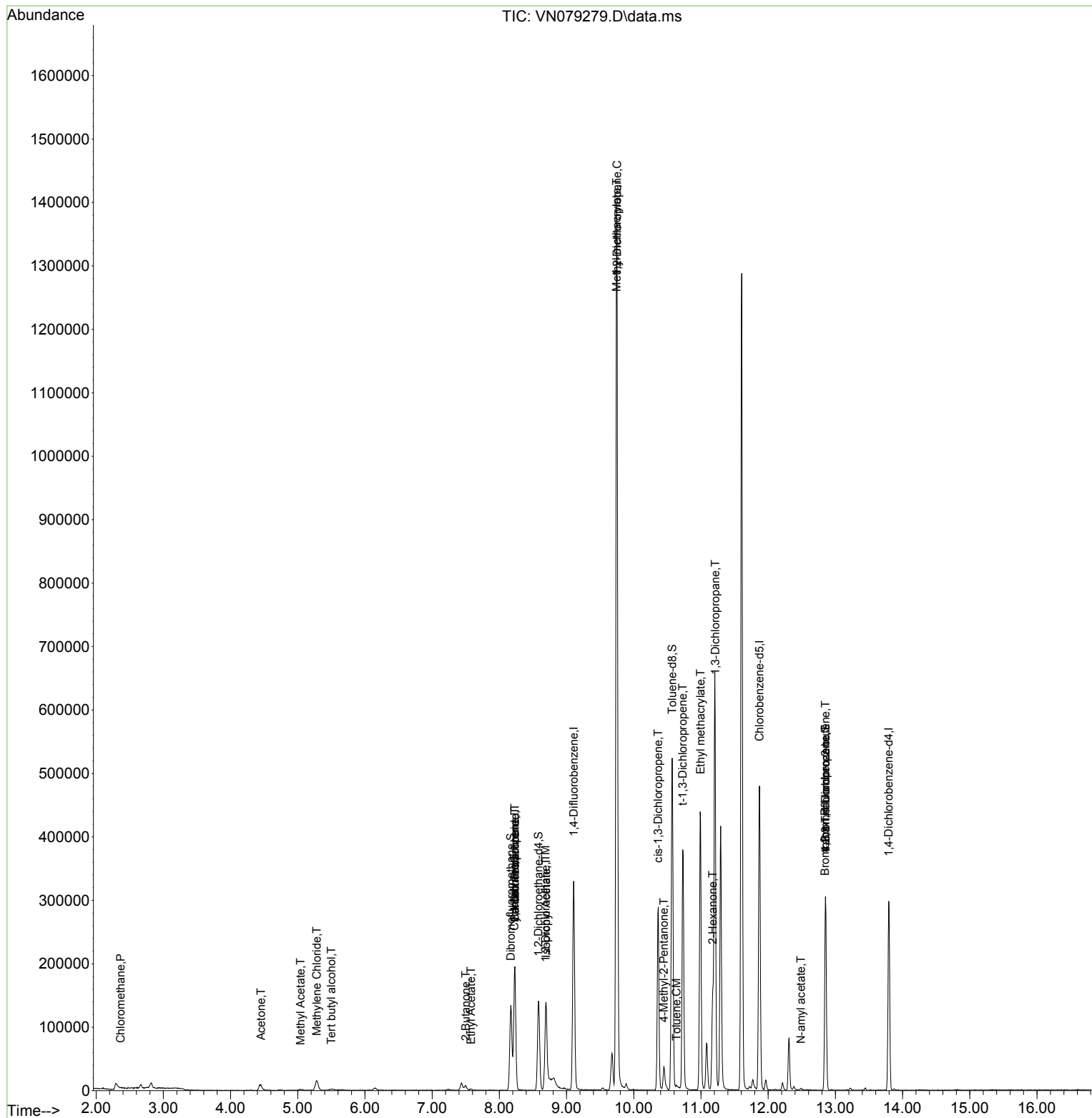
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	133095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	271674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116275	64.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.440%#	
35) Dibromofluoromethane	8.171	113	95800	52.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.760%	
50) Toluene-d8	10.571	98	359648	54.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.853	95	105349	49.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.300%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	641	0.371	ug/l #	42
6) Chloroethane	3.136	64	286	Below Cal	#	43
11) Tert butyl alcohol	5.500	59	2092	6.307	ug/l #	72
16) Acetone	4.453	43	18447	24.175	ug/l	89
18) Methyl Acetate	5.042	43	3162	1.008	ug/l #	56
20) Methylene Chloride	5.283	84	11965	6.444	ug/l #	85
25) 2-Butanone	7.500	43	11232	10.145	ug/l #	84
31) Cyclohexane	8.224	56	3879	1.479	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	12115	4.338	ug/l #	44
37) Ethyl Acetate	7.577	43	4071	1.462	ug/l #	67
38) Carbon Tetrachloride	8.230	117	15263	5.282	ug/l #	15
42) 1,2-Dichloroethane	8.688	62	954	0.324	ug/l #	73
43) Isopropyl Acetate	8.694	43	172721	38.005	ug/l #	75
45) 1,2-Dichloropropane	9.753	63	1571	0.741	ug/l #	45
48) Methyl methacrylate	9.747	41	130733	64.222	ug/l #	29
51) 4-Methyl-2-Pentanone	10.447	43	30353	11.505	ug/l #	79
52) Toluene	10.635	92	2676	0.509	ug/l	100
53) t-1,3-Dichloropropene	10.729	75	798	0.257	ug/l #	60
54) cis-1,3-Dichloropropene	10.365	75	49331	14.829	ug/l #	72
56) Ethyl methacrylate	10.994	69	1821	0.626	ug/l #	1
57) 1,3-Dichloropropane	11.212	76	5996	1.683	ug/l #	42
59) 2-Hexanone	11.177	43	130942	68.528	ug/l #	19
71) Bromoform	12.847	173	549	0.322	ug/l #	1
74) N-amyl acetate	12.488	43	2343	0.893	ug/l #	37
76) 1,2,3-Trichloropropane	12.853	75	58582	28.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58582	78.638	ug/l #	15

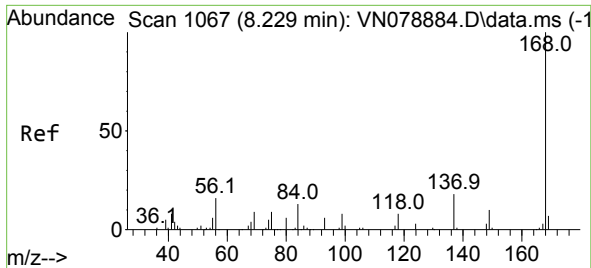
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
Data File : VN079279.D
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MSVOA_N
ClientSampleId :

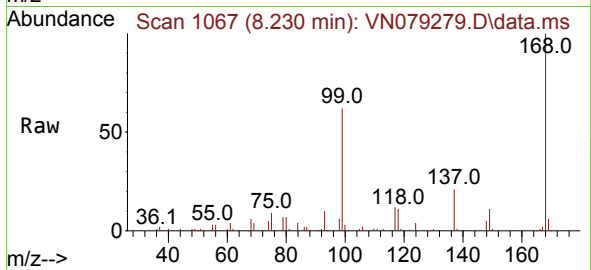
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
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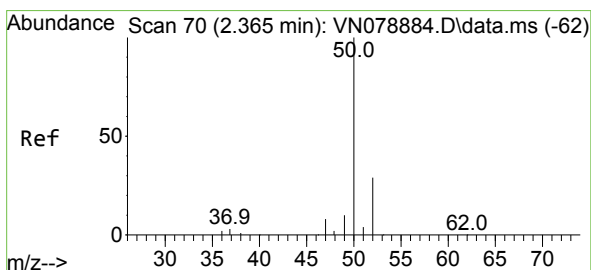
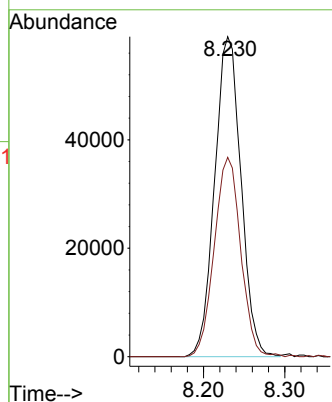
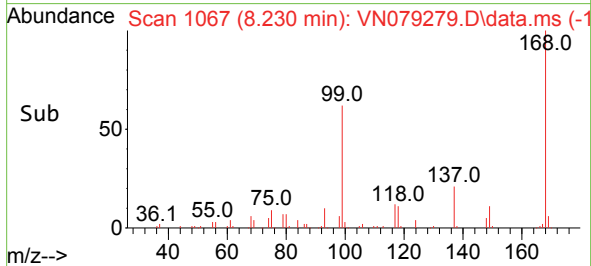


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

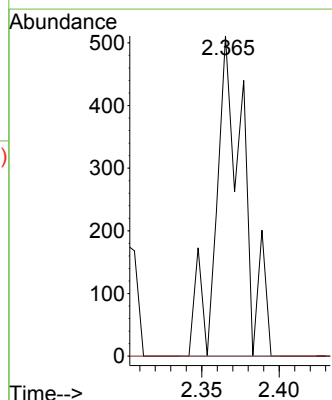
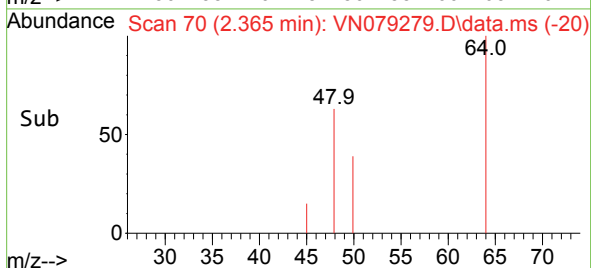
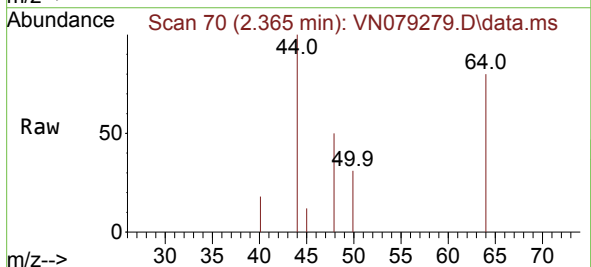


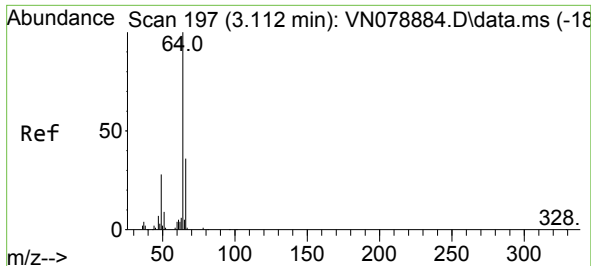
Tgt Ion:168 Resp: 133095
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#3
Chloromethane
Concen: 0.371 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

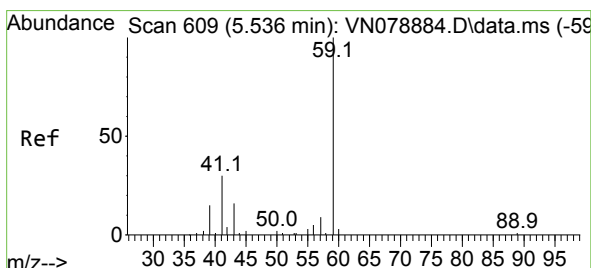
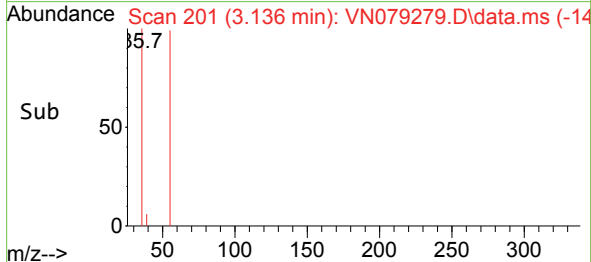
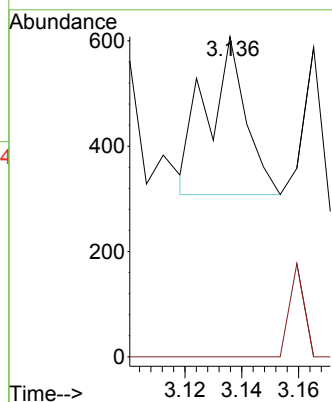
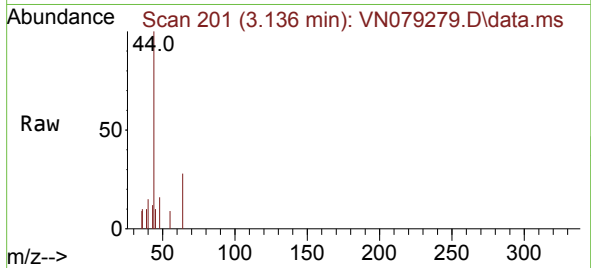




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

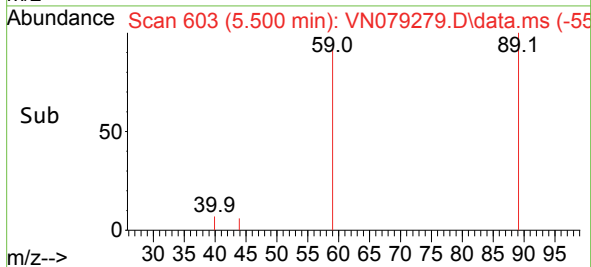
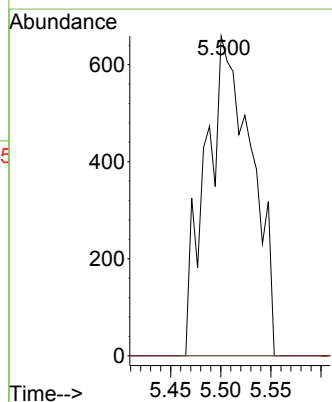
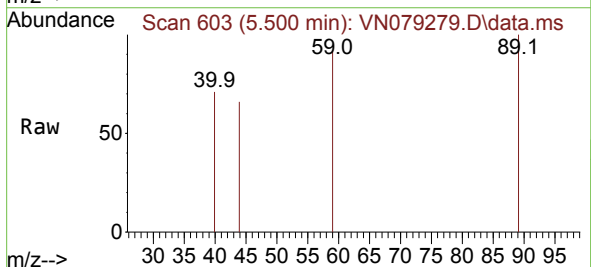
Instrument :
MSVOA_N
ClientSampleId :

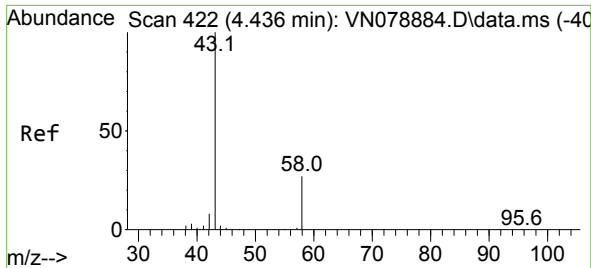
Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 6.307 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.042 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 59 Resp: 2092
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 24.175 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Instrument :

MSVOA_N

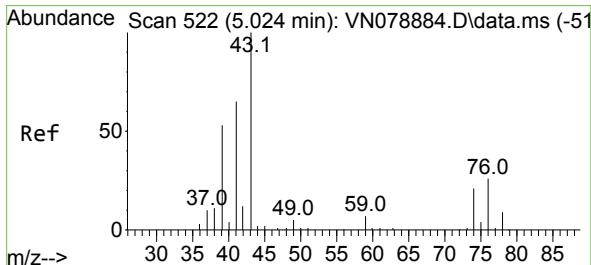
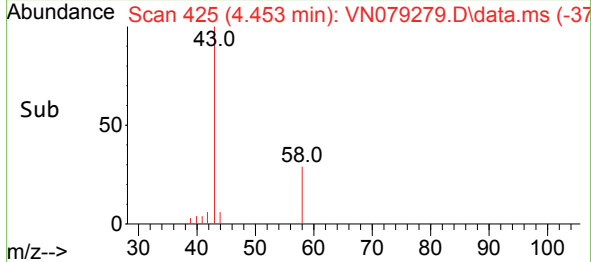
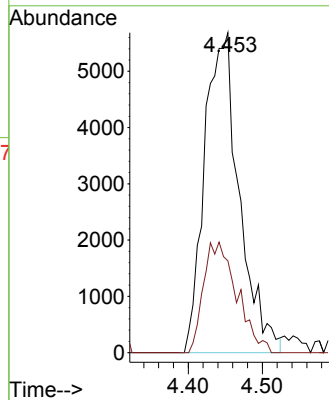
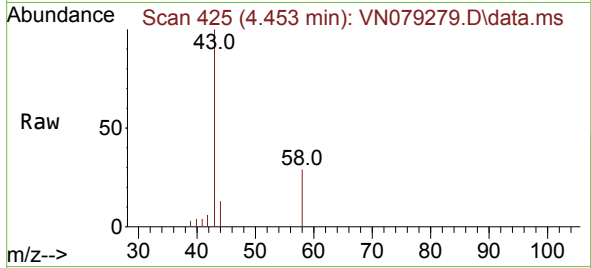
ClientSampleId :

Tgt Ion: 43 Resp: 18447

Ion Ratio Lower Upper

43 100

58 28.7 28.0 42.0



#18

Methyl Acetate

Concen: 1.008 ug/l

RT: 5.042 min Scan# 525

Delta R.T. -0.000 min

Lab File: VN079279.D

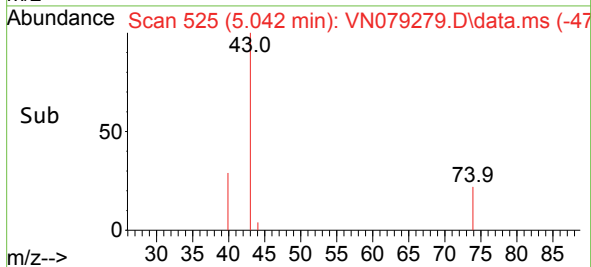
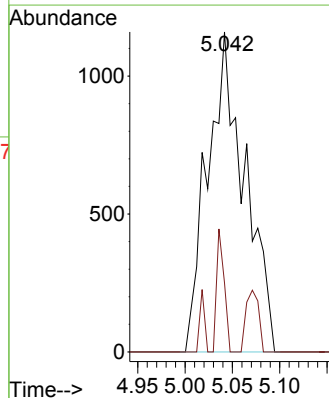
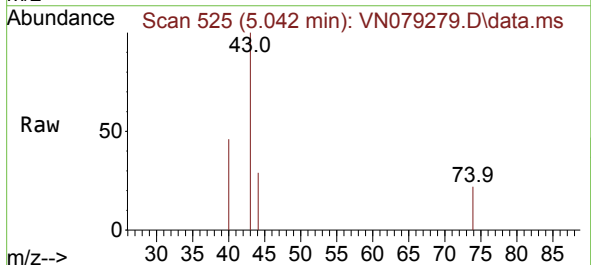
Acq: 15 Sep 2023 18:07

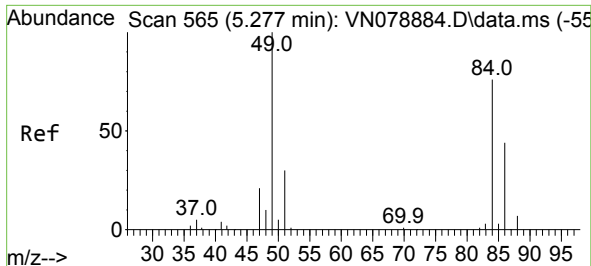
Tgt Ion: 43 Resp: 3162

Ion Ratio Lower Upper

43 100

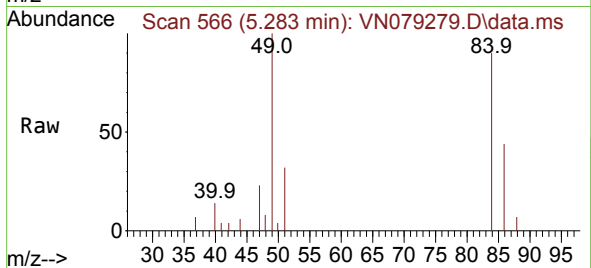
74 7.8 26.2 39.4#



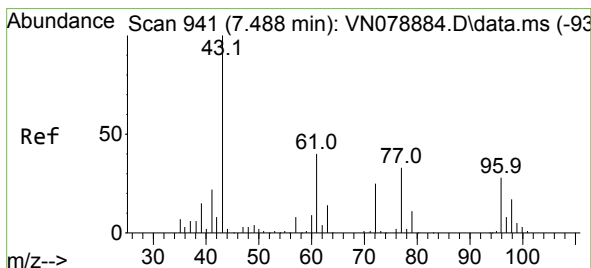
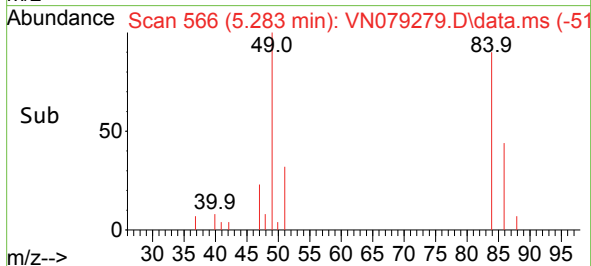
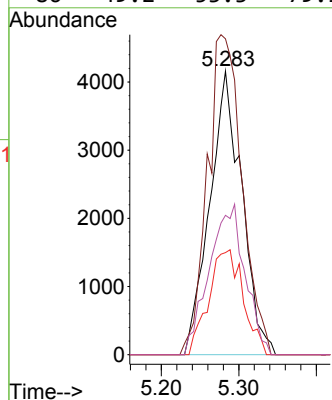


#20
Methylene Chloride
Concen: 6.444 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

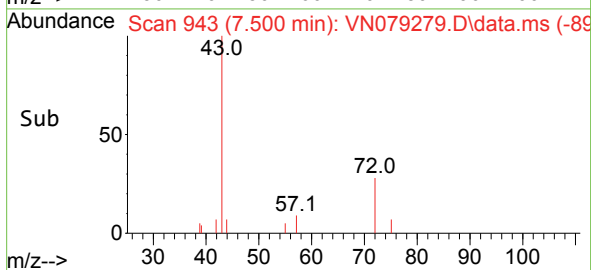
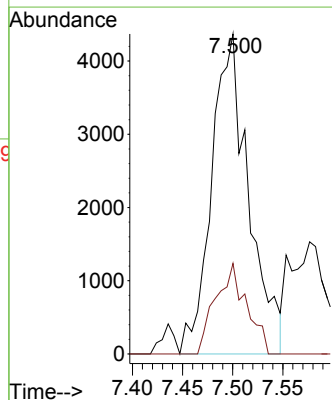
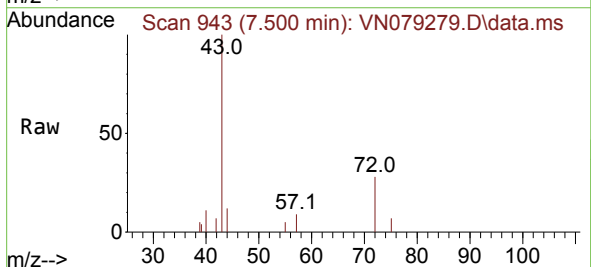


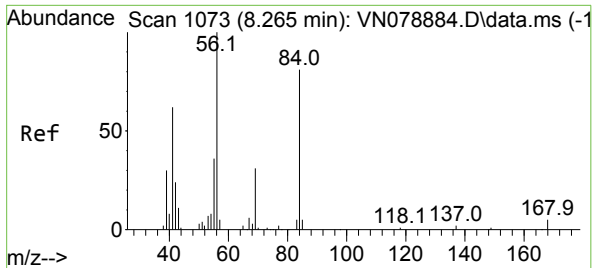
Tgt Ion:	84	Resp:	11965
Ion	Ratio	Lower	Upper
84	100		
49	111.4	79.7	119.5
51	36.0	25.2	37.8
86	49.2	53.3	79.9#



#25
2-Butanone
Concen: 10.145 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

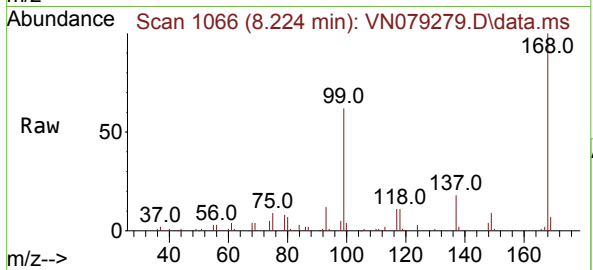
Tgt Ion:	43	Resp:	11232
Ion	Ratio	Lower	Upper
43	100		
72	28.3	30.2	45.2#



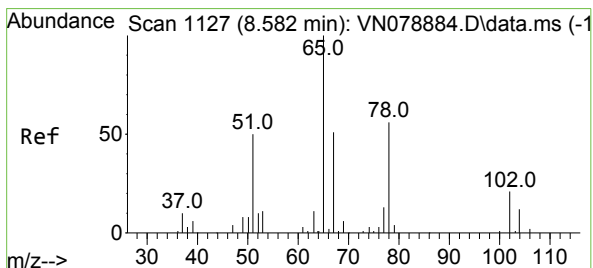
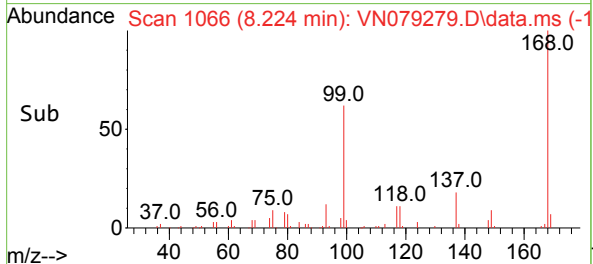
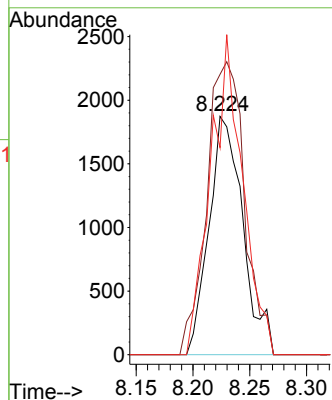


#31
Cyclohexane
Concen: 1.479 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

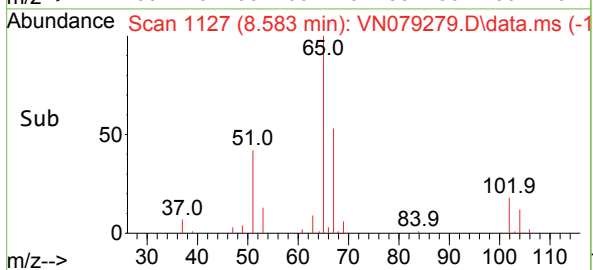
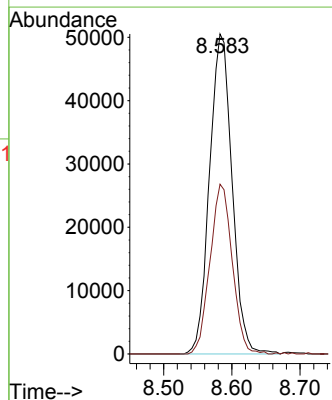
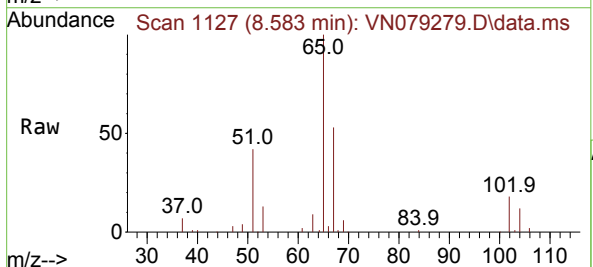


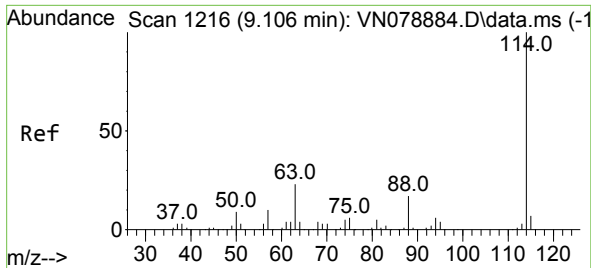
Tgt Ion: 56 Resp: 3879
Ion Ratio Lower Upper
56 100
69 117.6 26.8 40.2#
84 86.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 64.717 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 65 Resp: 116275
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

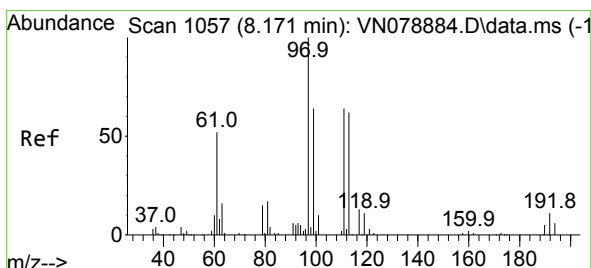
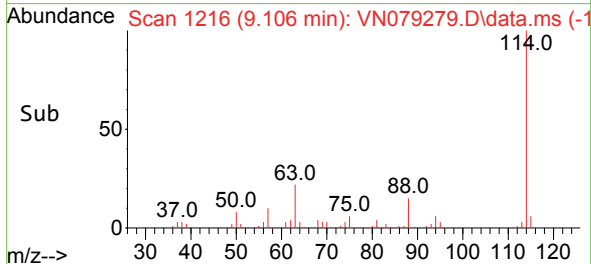
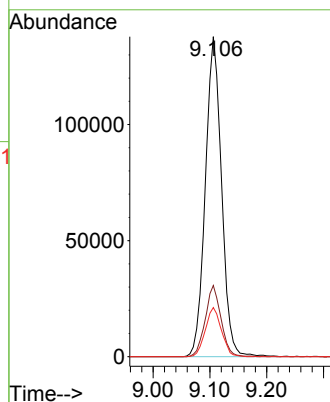
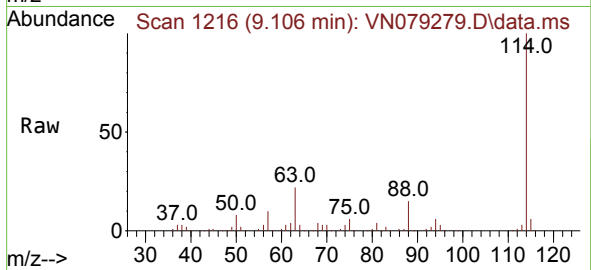




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

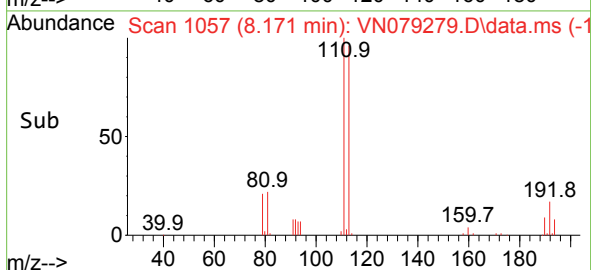
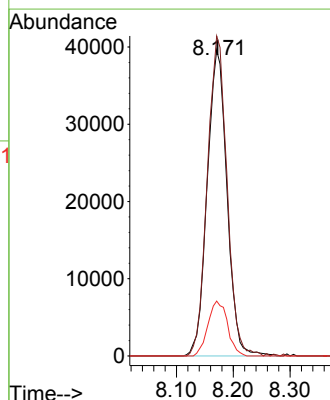
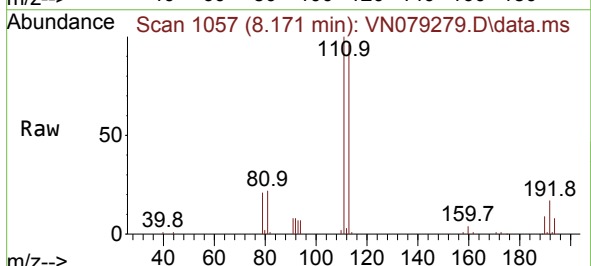
Instrument :
MSVOA_N
ClientSampleId :

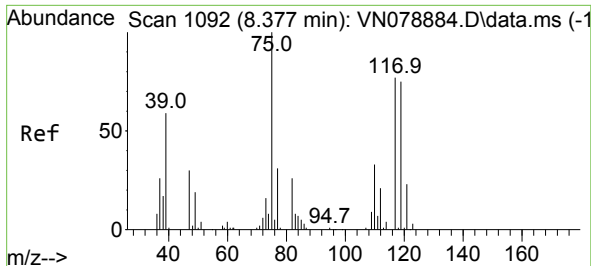
Tgt Ion:114 Resp: 272355
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.880 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion:113 Resp: 95800
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.338 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

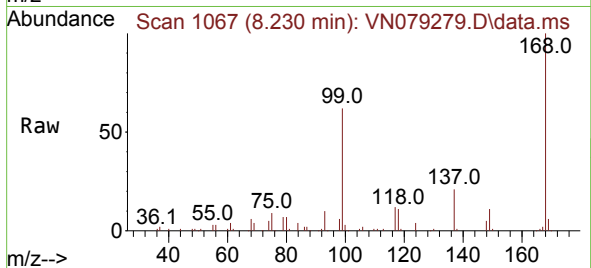
Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :



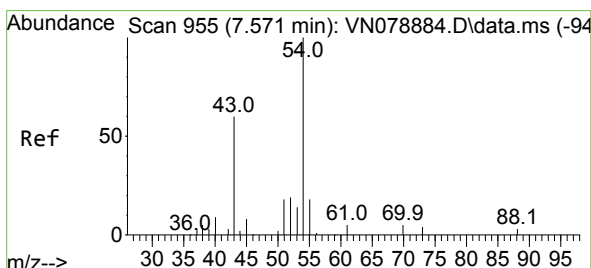
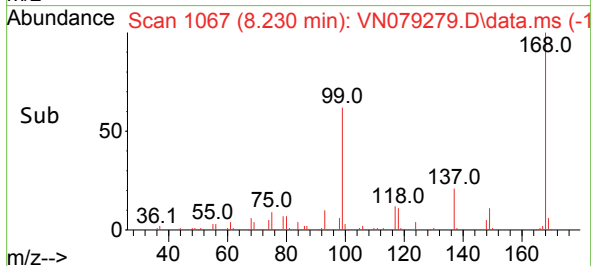
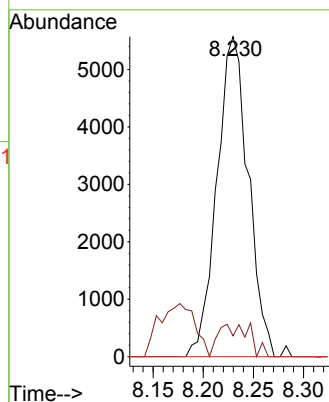
Tgt Ion: 75 Resp: 12115

Ion Ratio Lower Upper

75 100

110 5.1 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.462 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

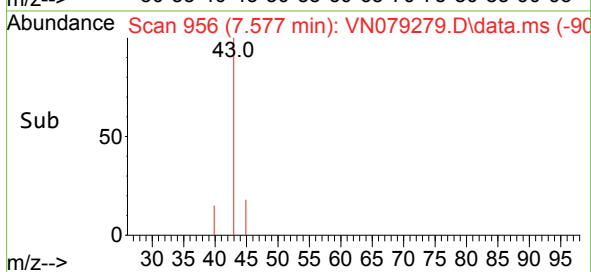
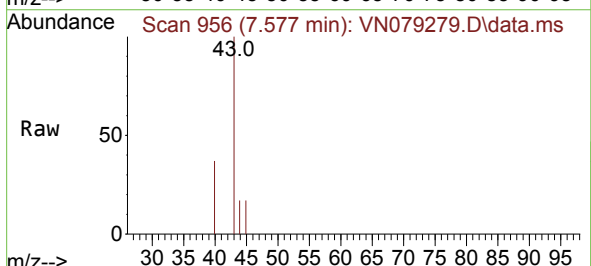
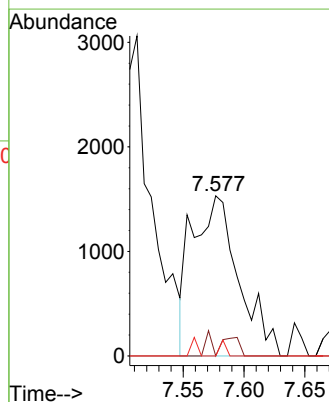
Tgt Ion: 43 Resp: 4071

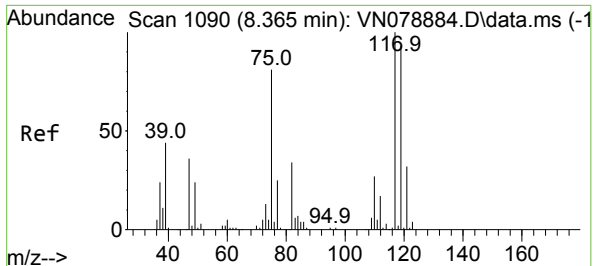
Ion Ratio Lower Upper

43 100

61 2.1 13.2 19.8#

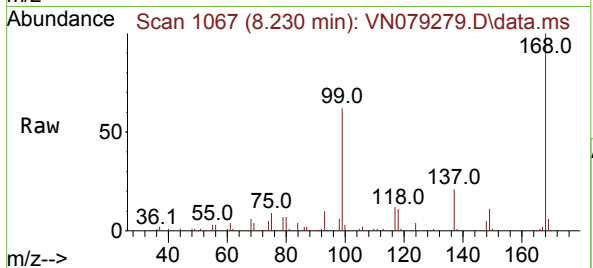
70 1.3 11.3 16.9#



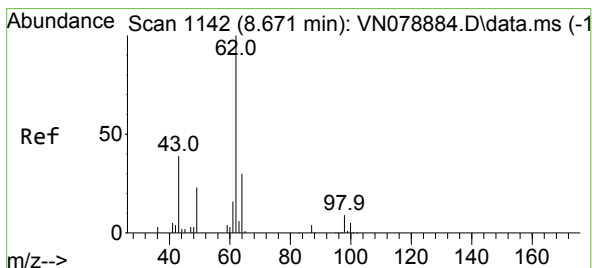
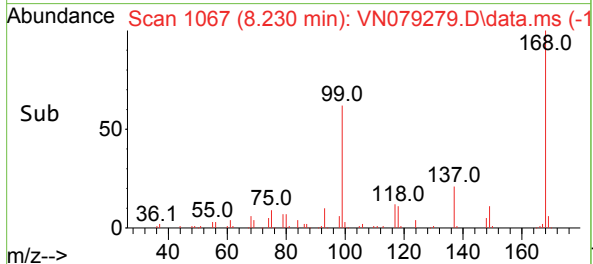
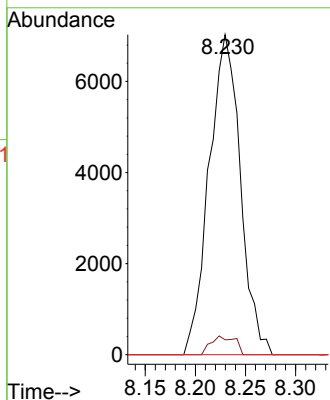


#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

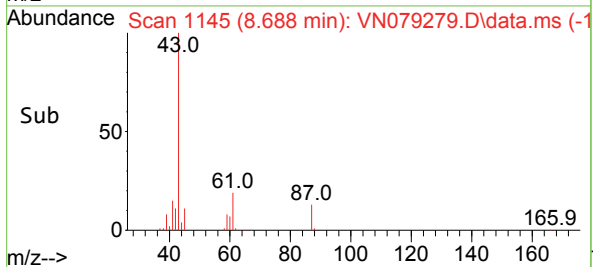
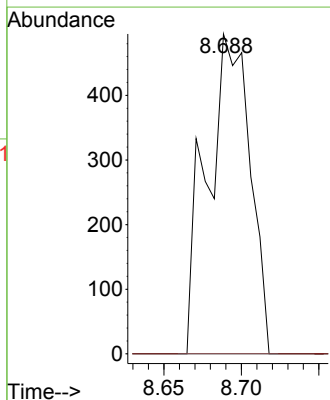
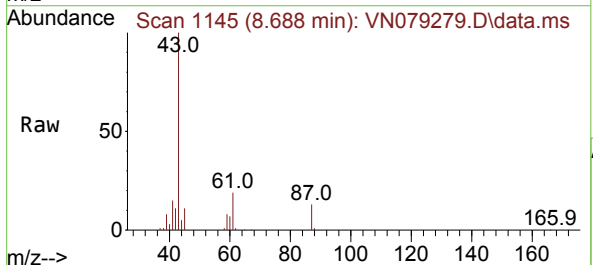


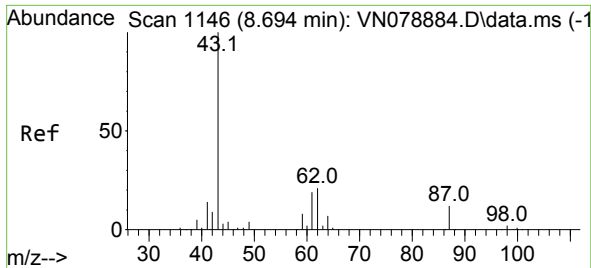
Tgt Ion:117 Resp: 15263
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.324 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 62 Resp: 954
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

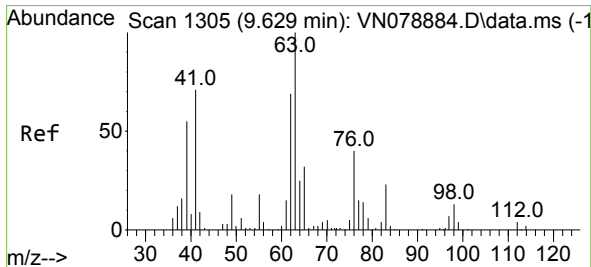
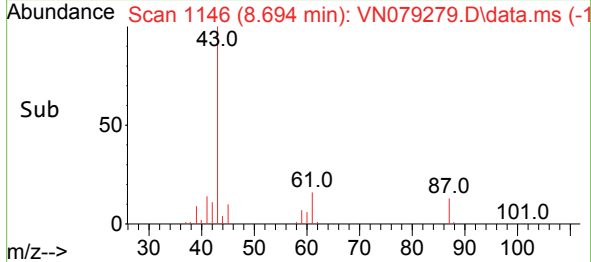
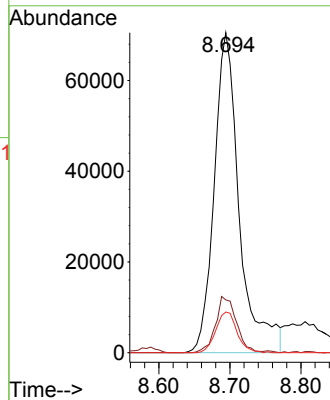
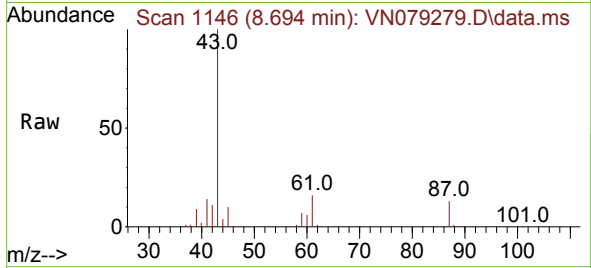




#43
Isopropyl Acetate
Concen: 38.005 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

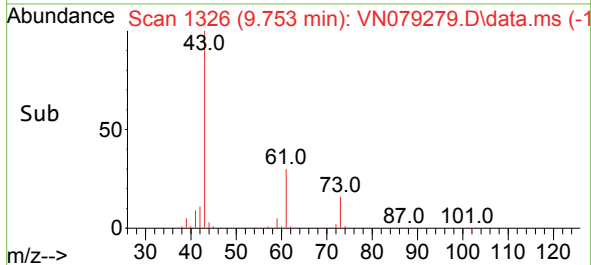
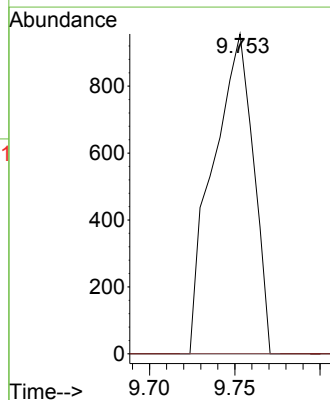
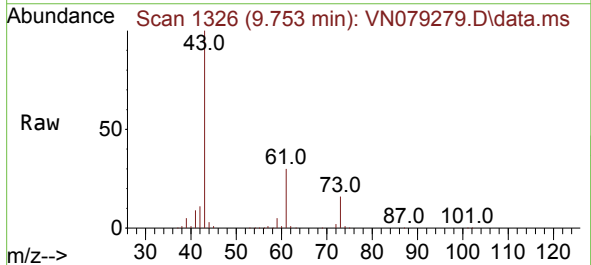
Instrument :
MSVOA_N
ClientSampleId :

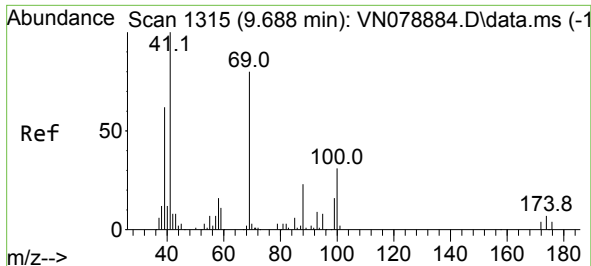
Tgt Ion: 43 Resp: 172721
Ion Ratio Lower Upper
43 100
61 14.6 24.7 37.1#
87 10.8 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.741 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.129 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 63 Resp: 1571
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 64.222 ug/l

RT: 9.747 min Scan# 1

Delta R.T. 0.059 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

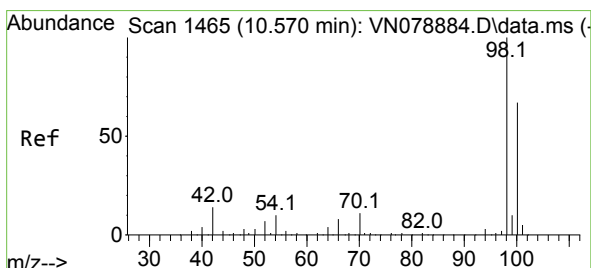
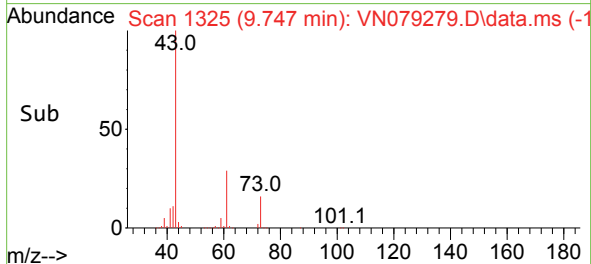
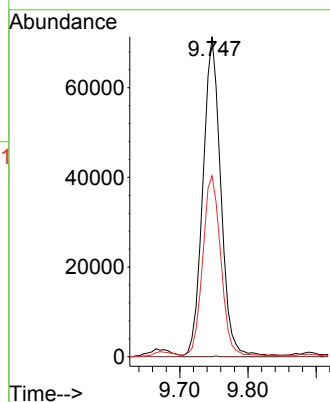
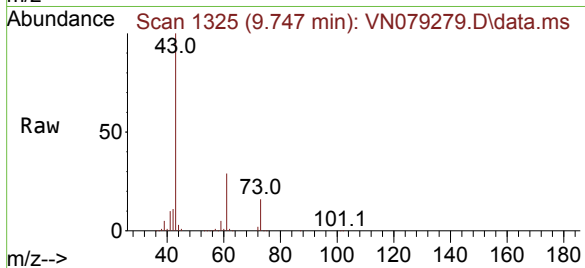
Tgt Ion: 41 Resp: 130733

Ion Ratio Lower Upper

41 100

69 0.1 90.4 135.6#

39 57.5 54.6 81.8



#50

Toluene-d8

Concen: 54.065 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079279.D

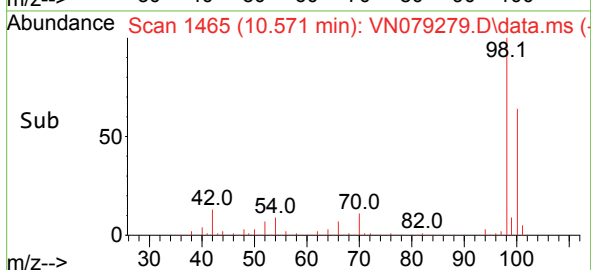
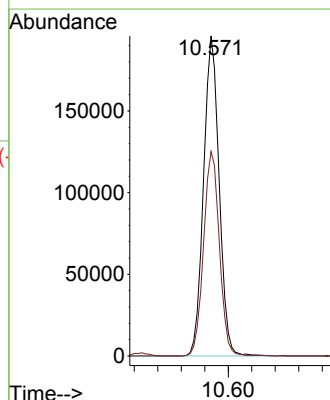
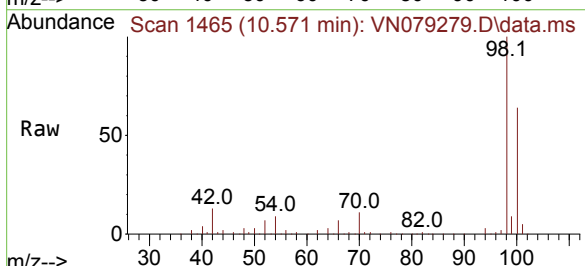
Acq: 15 Sep 2023 18:07

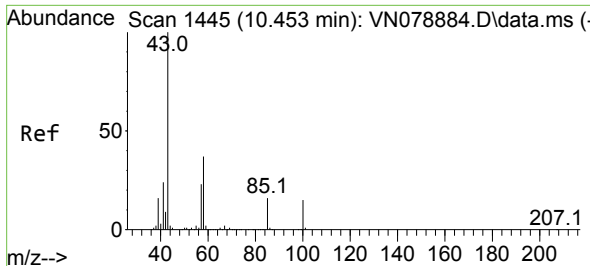
Tgt Ion: 98 Resp: 359648

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

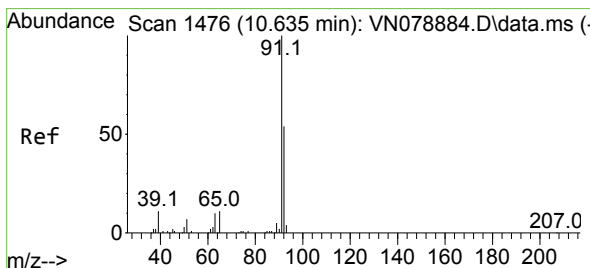
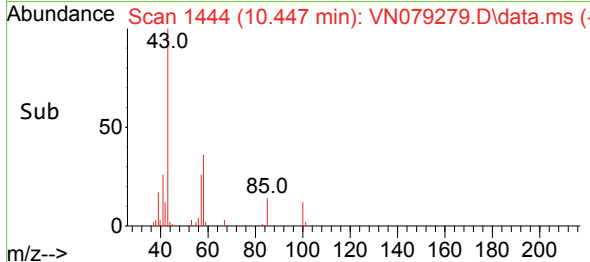
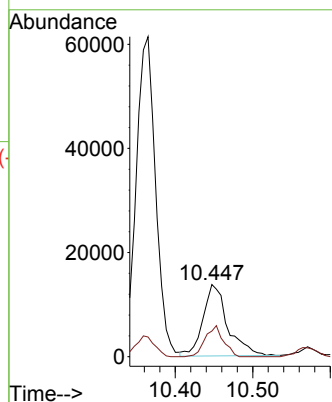
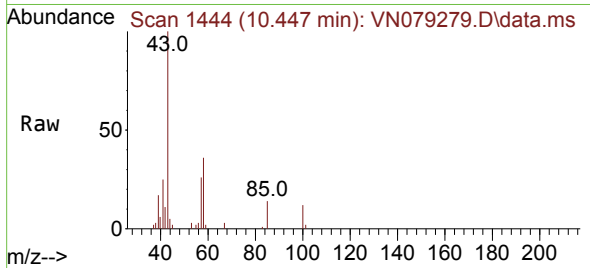




#51
4-Methyl-2-Pentanone
Concen: 11.505 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

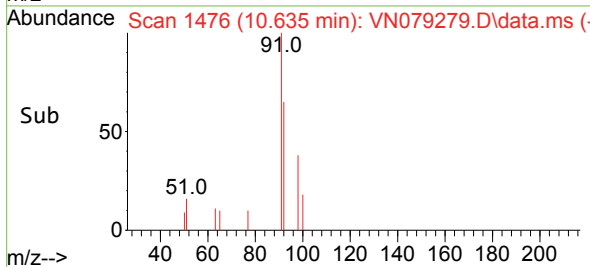
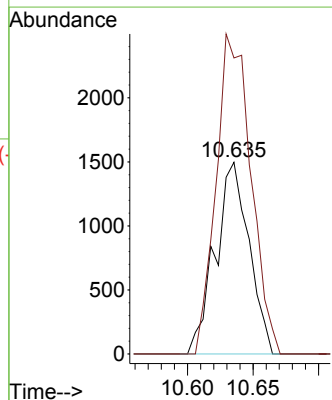
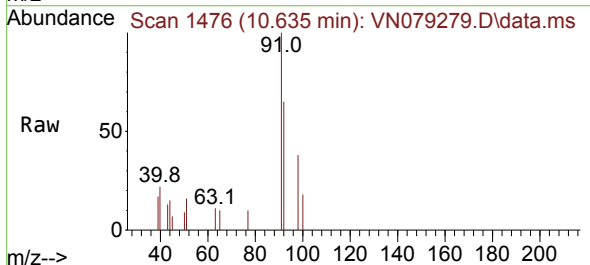
Instrument :
MSVOA_N
ClientSampleId :

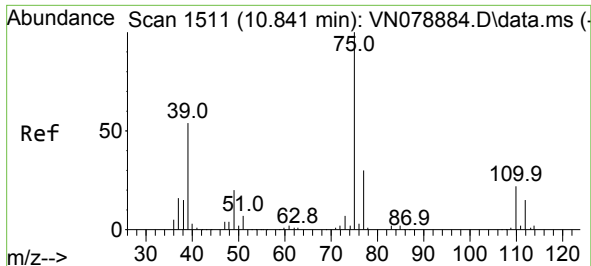
Tgt Ion: 43 Resp: 30353
Ion Ratio Lower Upper
43 100
58 32.0 36.6 54.8#



#52
Toluene
Concen: 0.509 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 92 Resp: 2676
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

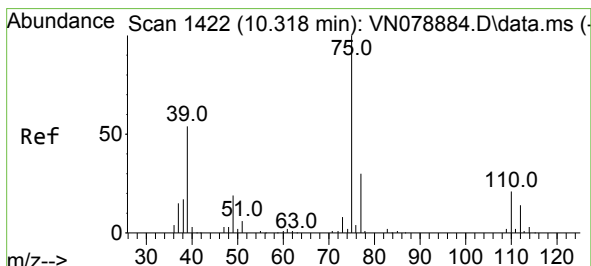
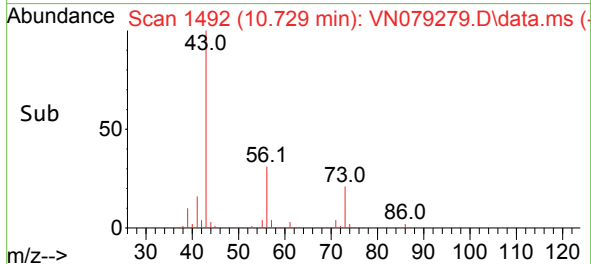
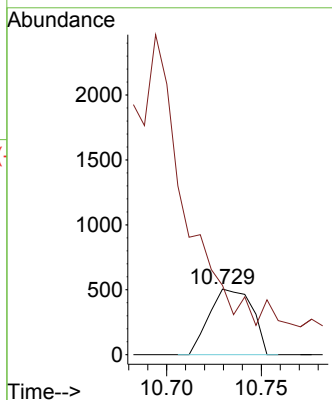
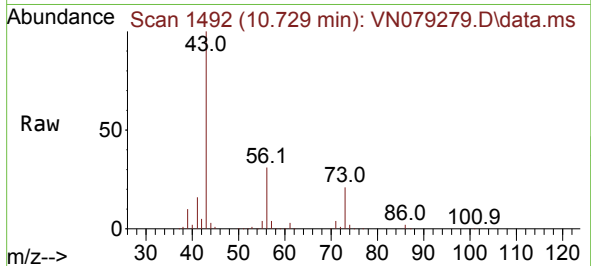




#53
 t-1,3-Dichloropropene
 Concen: 0.257 ug/l
 RT: 10.729 min Scan# 14
 Delta R.T. -0.112 min
 Lab File: VN079279.D
 Acq: 15 Sep 2023 18:07

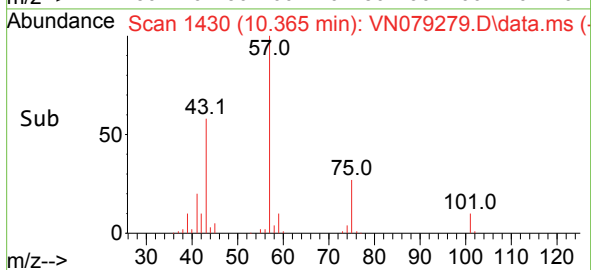
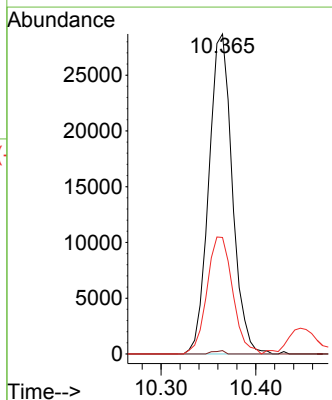
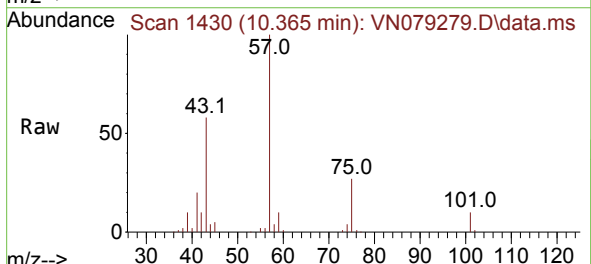
Instrument :
 MSVOA_N
 ClientSampleId :

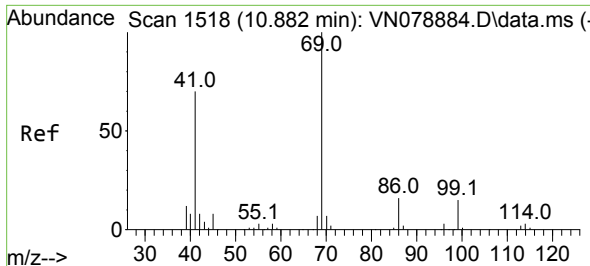
Tgt Ion: 75 Resp: 798
 Ion Ratio Lower Upper
 75 100
 77 53.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 14.829 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN079279.D
 Acq: 15 Sep 2023 18:07

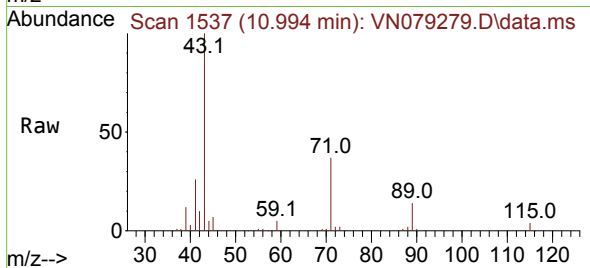
Tgt Ion: 75 Resp: 49331
 Ion Ratio Lower Upper
 75 100
 77 1.1 26.1 39.1#
 39 36.4 31.6 47.4



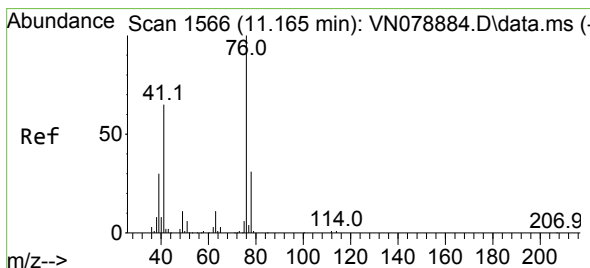
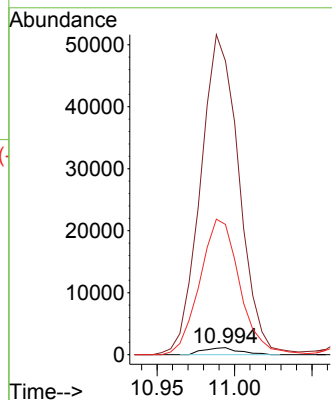
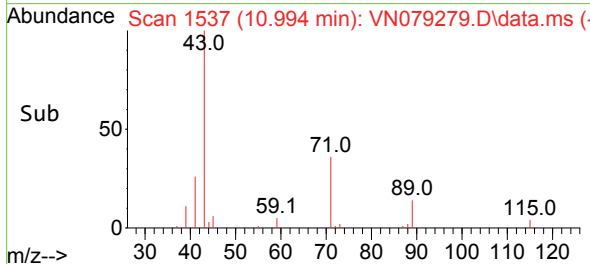


#56
Ethyl methacrylate
Concen: 0.626 ug/l
RT: 10.994 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

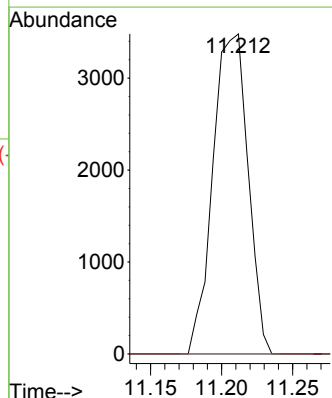
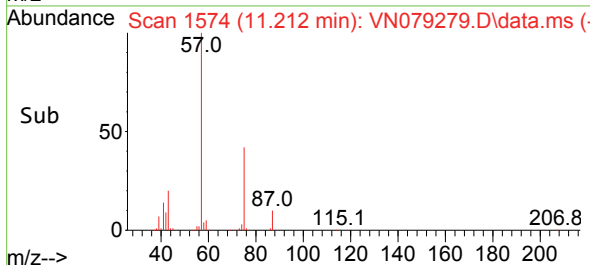
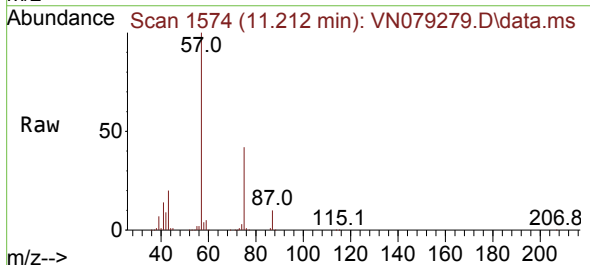


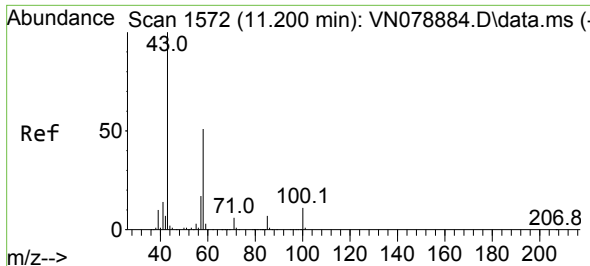
Tgt Ion: 69 Resp: 1821
Ion Ratio Lower Upper
69 100
41 4907.5 39.6 59.4#
39 2154.8 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.683 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.047 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 76 Resp: 5996
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

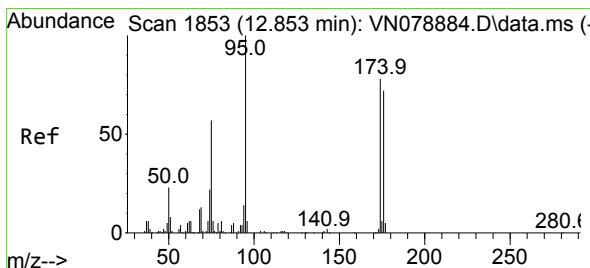
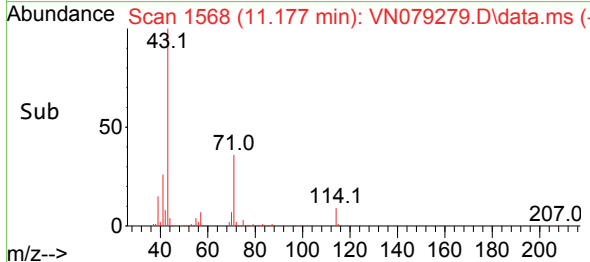
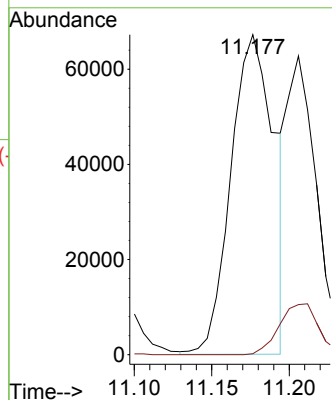
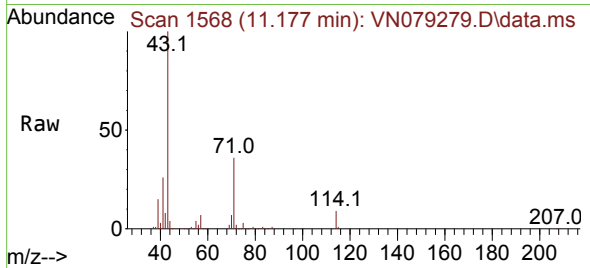




#59
2-Hexanone
Concen: 68.528 ug/l
RT: 11.177 min Scan# 1117
Delta R.T. -0.023 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

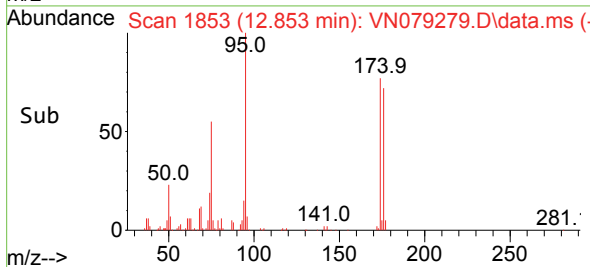
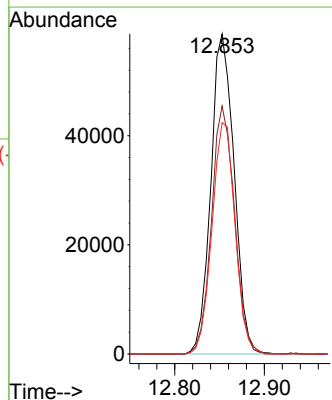
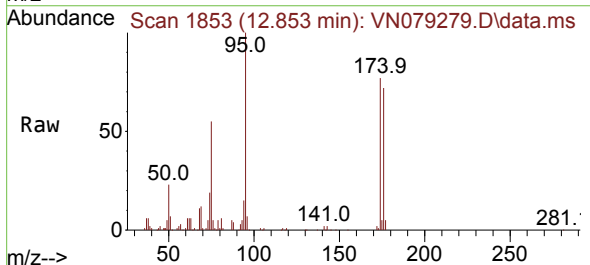
Instrument :
MSVOA_N
ClientSampleId :

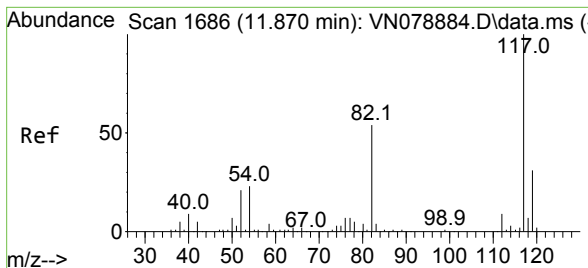
Tgt Ion: 43 Resp: 130942
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 49.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

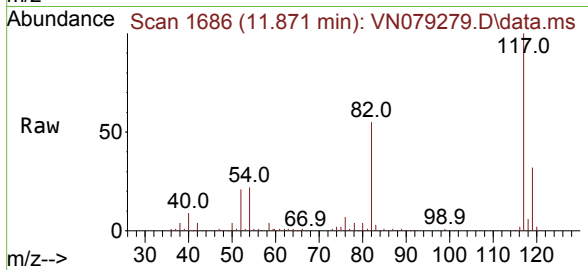
Tgt Ion: 95 Resp: 105349
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 71.8 0.0 135.8



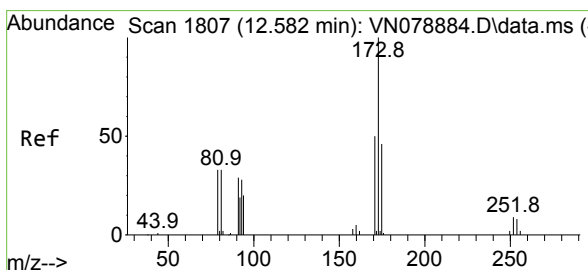
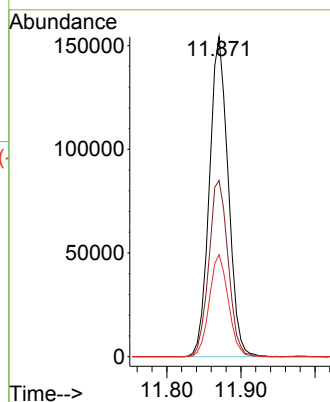
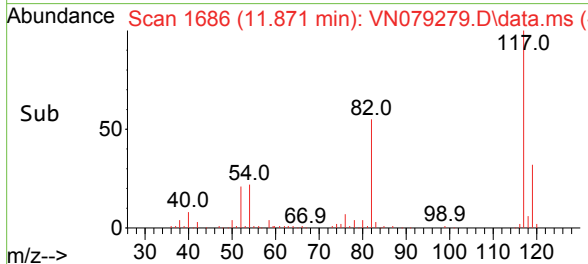


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

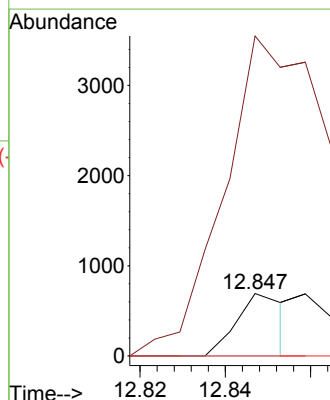
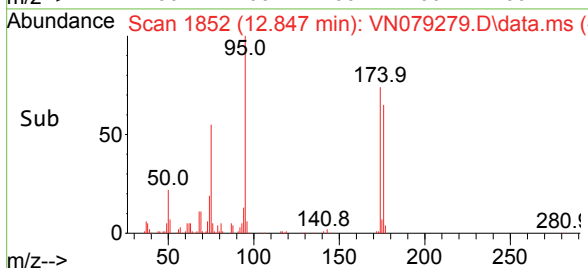
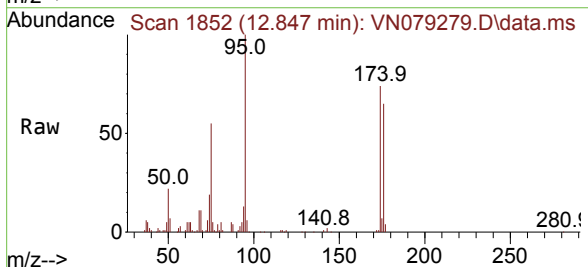


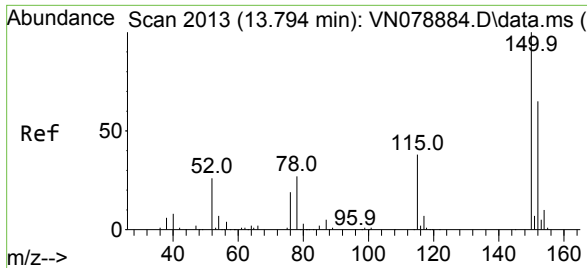
Tgt Ion:117 Resp: 271674
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.8 25.6 38.4



#71
Bromoform
Concen: 0.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

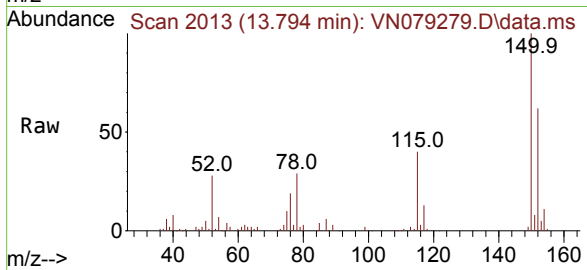
Tgt Ion:173 Resp: 549
Ion Ratio Lower Upper
173 100
175 665.2 24.3 73.0#
254 0.0 0.0 0.0



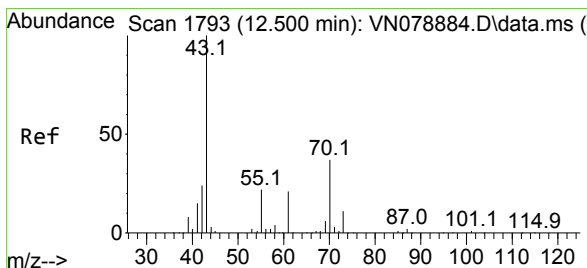
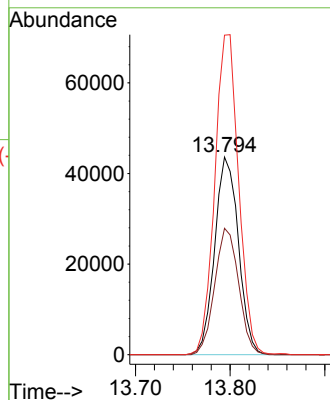
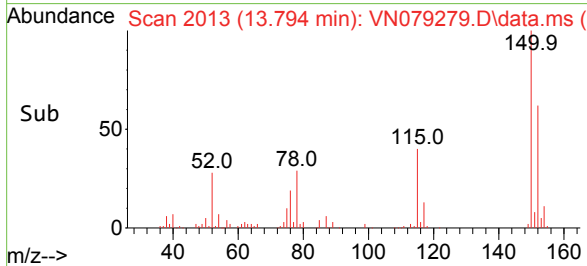


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079279.D
 Acq: 15 Sep 2023 18:07

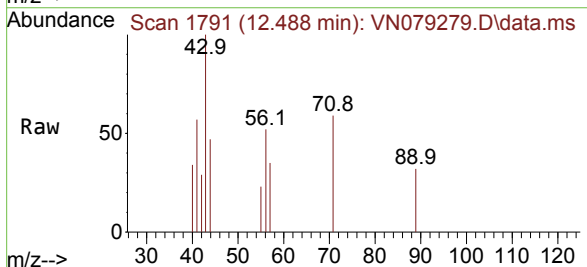
Instrument :
 MSVOA_N
 ClientSampleId :



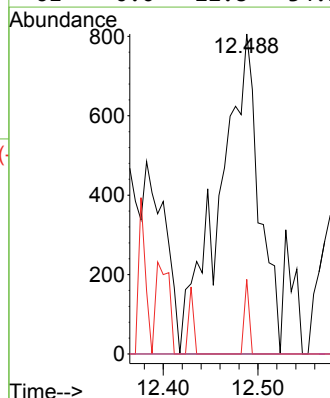
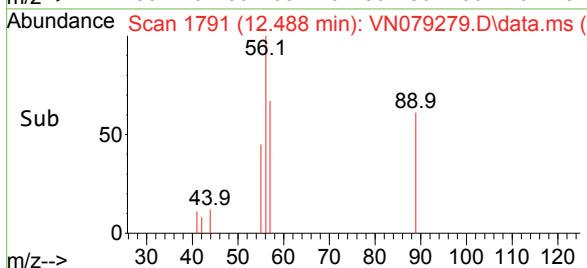
Tgt Ion:152 Resp: 75991
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 162.5 0.0 355.8

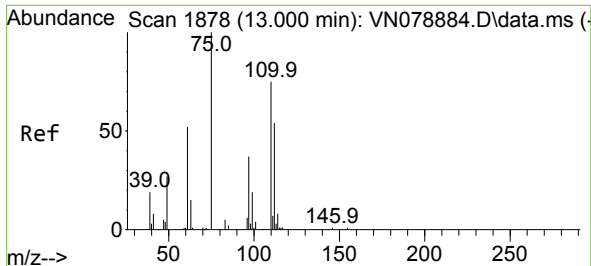


#74
 N-ethyl acetate
 Concen: 0.893 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.012 min
 Lab File: VN079279.D
 Acq: 15 Sep 2023 18:07



Tgt Ion: 43 Resp: 2343
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.4 65.2#
 55 2.8 21.4 32.0#
 61 0.0 22.8 34.2#

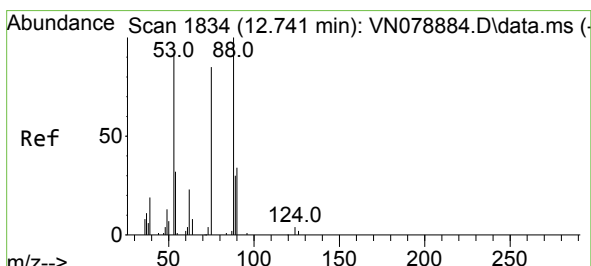
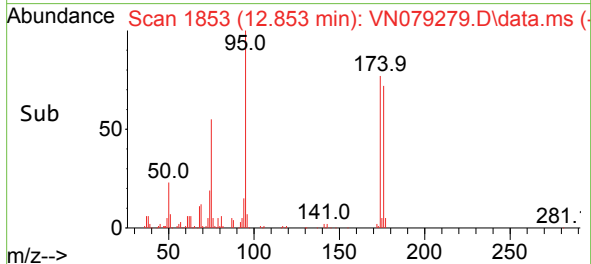
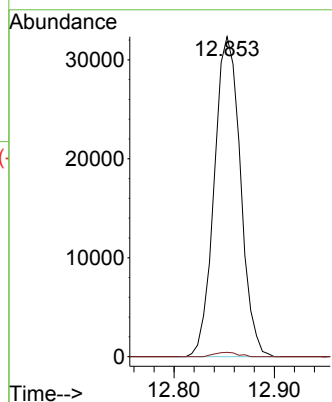
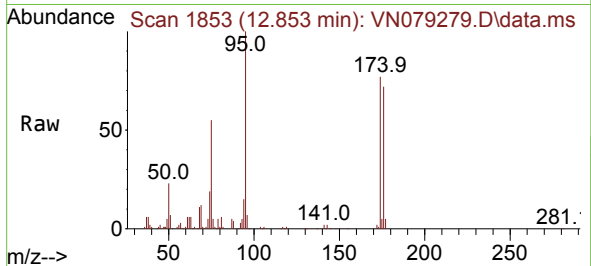




#76
1,2,3-Trichloropropane
Concen: 28.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 58582
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.638 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 75 Resp: 58582
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

