

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079396.D
 Acq On : 30 Sep 2023 18:58
 Operator : JC\MD
 Sample : PB155992ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 02:00:55 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)

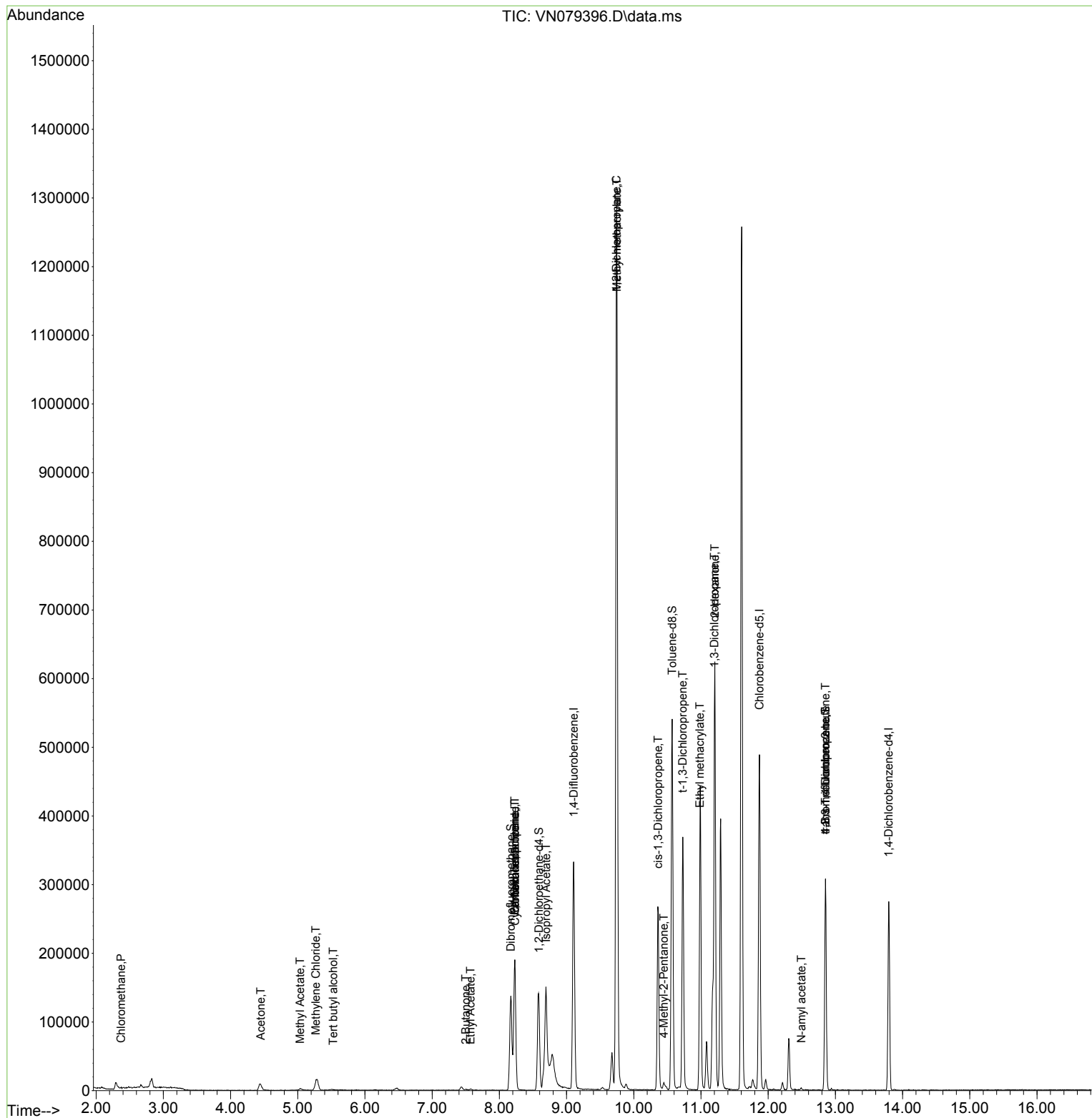
Internal Standards						
1) Pentafluorobenzene	8.230	168	130186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	117823	67.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 134.080%#	
35) Dibromofluoromethane	8.171	113	97705	53.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.900%	
50) Toluene-d8	10.571	98	365021	54.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.853	95	101704	47.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	415	0.245	ug/l #	80
6) Chloroethane	3.106	64	290	Below Cal	#	43
11) Tert butyl alcohol	5.530	59	246	0.758	ug/l #	72
16) Acetone	4.448	43	19313	25.876	ug/l	90
18) Methyl Acetate	5.036	43	5032	1.640	ug/l #	68
20) Methylene Chloride	5.271	84	12918	7.112	ug/l #	81
25) 2-Butanone	7.500	43	3114	2.876	ug/l #	75
31) Cyclohexane	8.236	56	3510	1.368	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	12517	4.443	ug/l #	46
37) Ethyl Acetate	7.571	43	3066	1.091	ug/l #	69
38) Carbon Tetrachloride	8.230	117	13346	4.577	ug/l #	19
43) Isopropyl Acetate	8.694	43	192020	41.876	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	1776	0.830	ug/l #	45
48) Methyl methacrylate	9.747	41	119551	58.207	ug/l #	29
51) 4-Methyl-2-Pentanone	10.447	43	11318	4.252	ug/l #	69
53) t-1,3-Dichloropropene	10.730	75	836	0.266	ug/l #	24
54) cis-1,3-Dichloropropene	10.365	75	45094	13.434	ug/l #	72
56) Ethyl methacrylate	10.982	69	2414	0.822	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6287	1.749	ug/l #	42
59) 2-Hexanone	11.206	43	74962	38.883	ug/l #	48
74) N-amyl acetate	12.494	43	1170	0.468	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	55692	28.550	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	55692	78.491	ug/l #	15

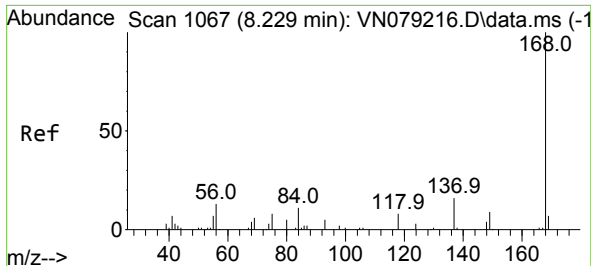
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
Data File : VN079396.D
Acq On : 30 Sep 2023 18:58
Operator : JC\MD
Sample : PB155992ZHE#16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 02 02:00:55 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

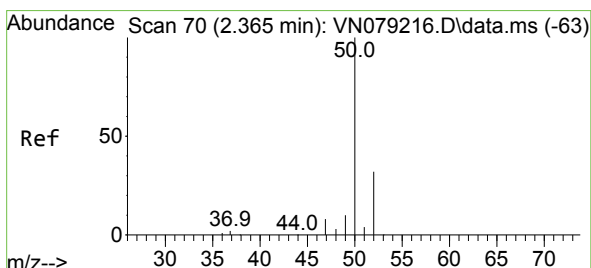
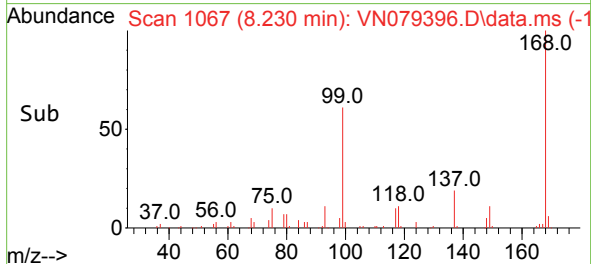
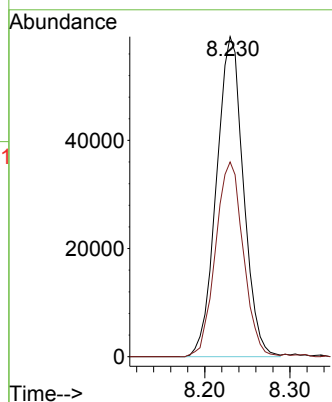
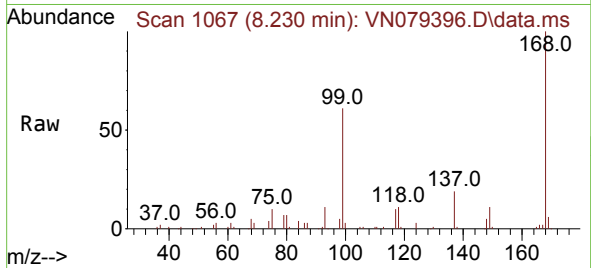




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

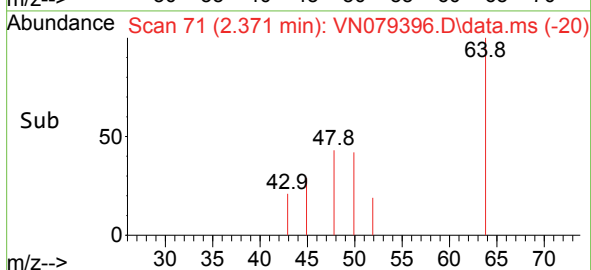
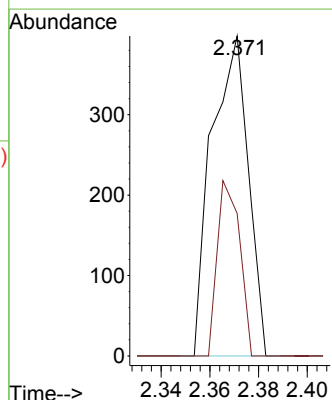
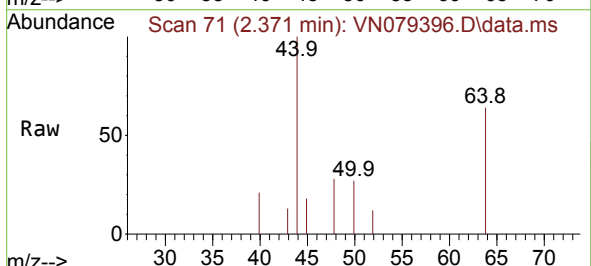
Instrument :
MSVOA_N
ClientSampleId :

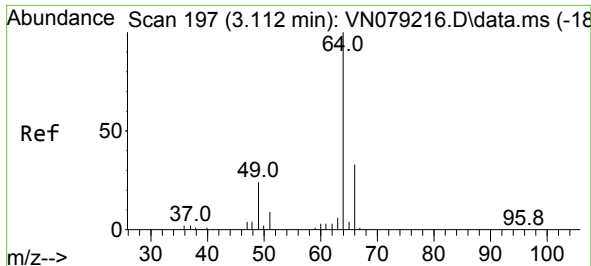
Tgt Ion:168 Resp: 130186
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 44.5 26.5 39.7#

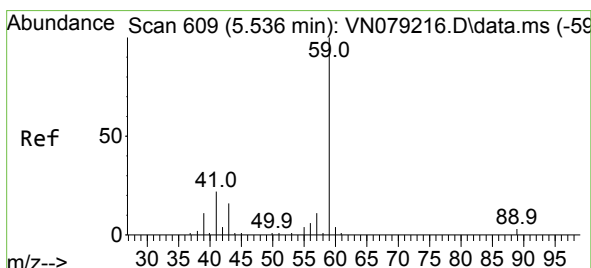
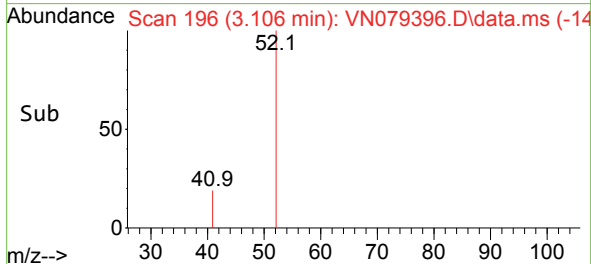
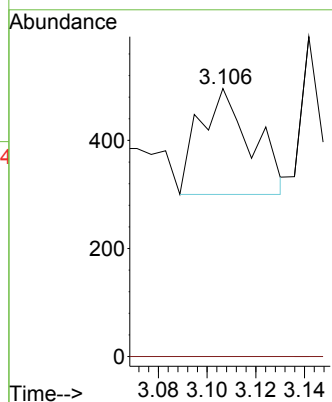
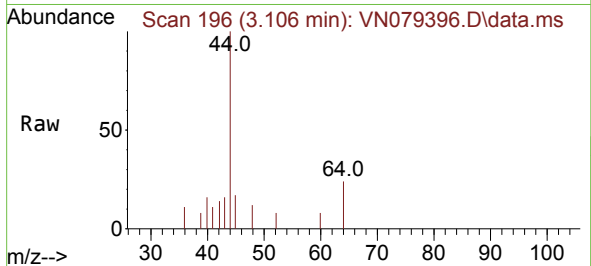




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 19
Delta R.T. -0.012 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

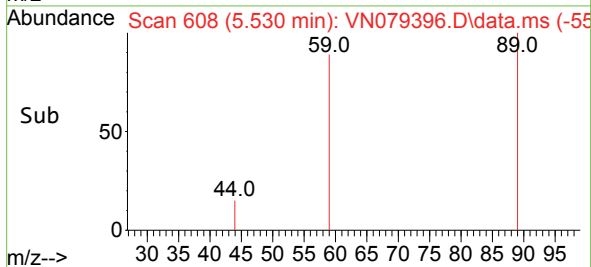
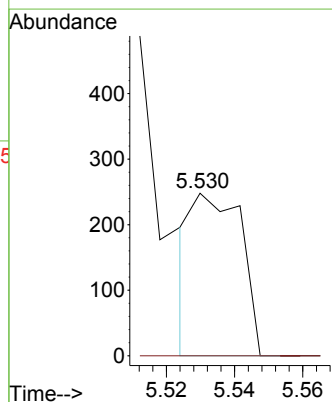
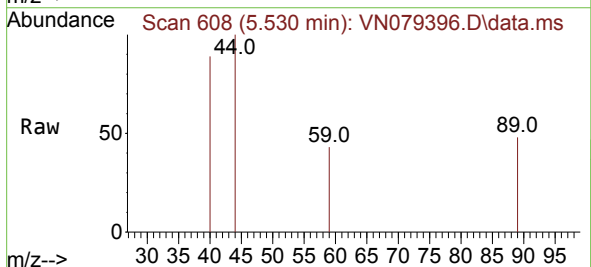
Instrument :
MSVOA_N
ClientSampleId :

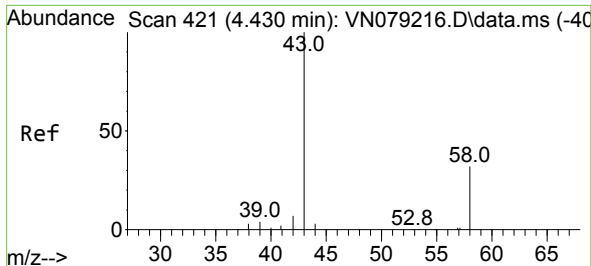
Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.758 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 25.876 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

Instrument :

MSVOA_N

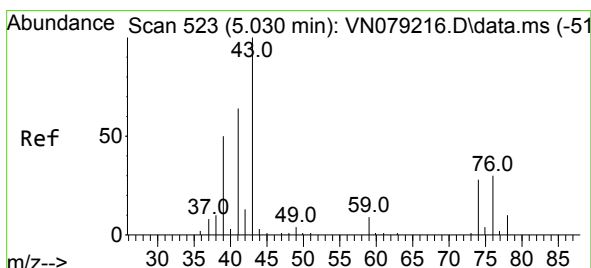
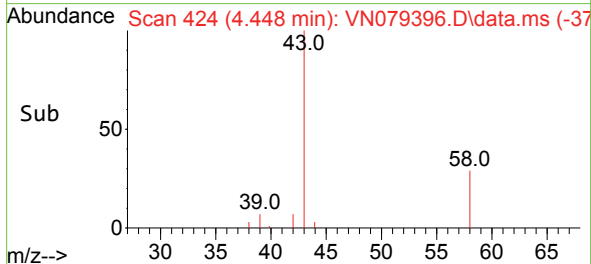
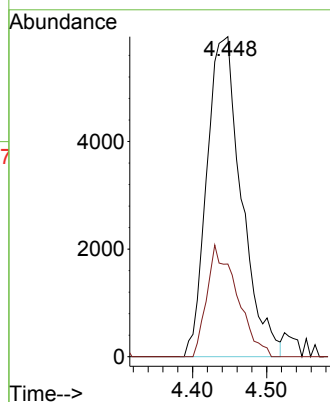
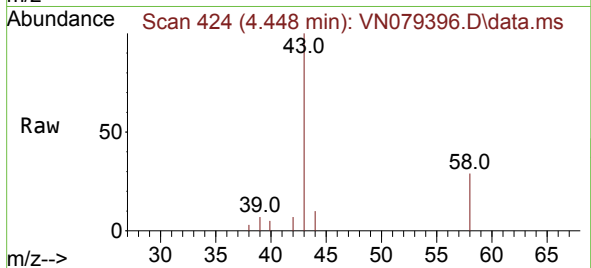
ClientSampleId :

Tgt Ion: 43 Resp: 19313

Ion Ratio Lower Upper

43 100

58 29.0 28.0 42.0



#18

Methyl Acetate

Concen: 1.640 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.006 min

Lab File: VN079396.D

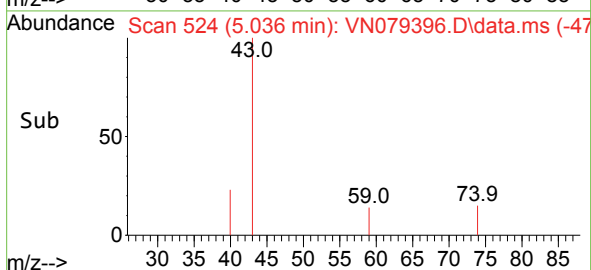
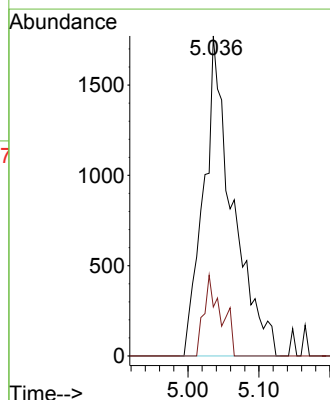
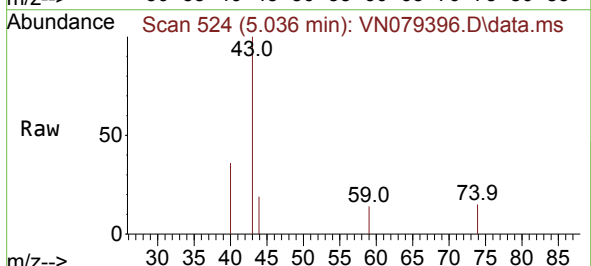
Acq: 30 Sep 2023 18:58

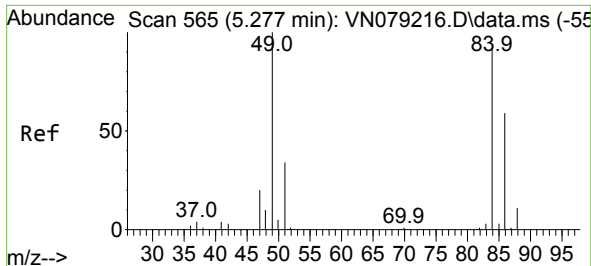
Tgt Ion: 43 Resp: 5032

Ion Ratio Lower Upper

43 100

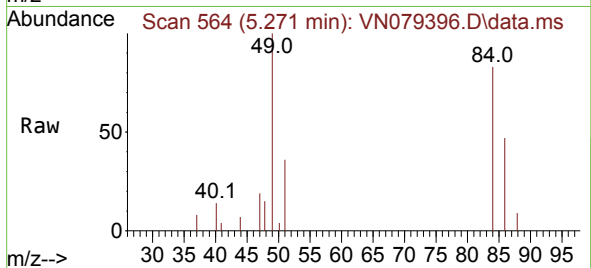
74 15.0 26.2 39.4#



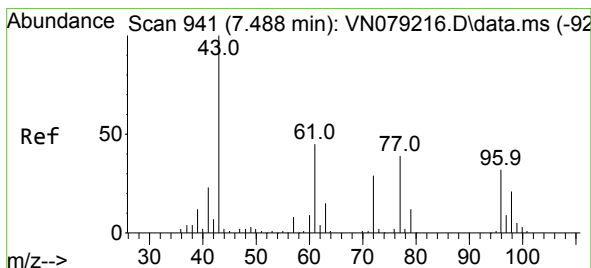
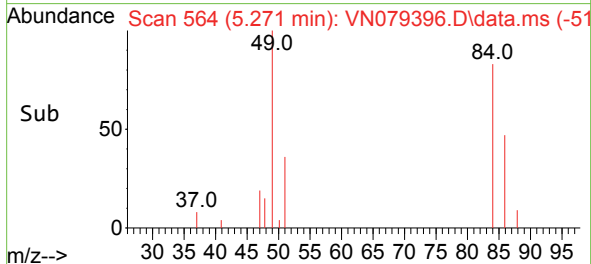
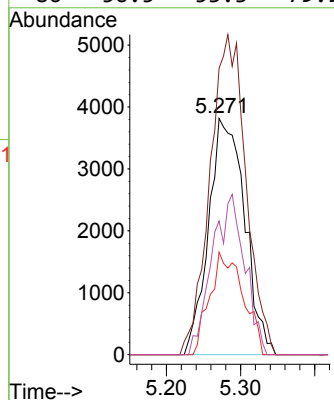


#20
Methylene Chloride
Concen: 7.112 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :

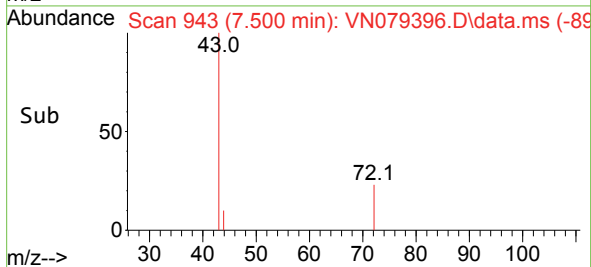
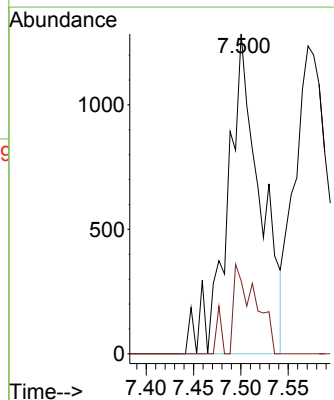
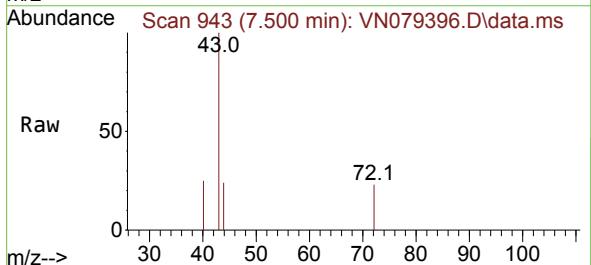


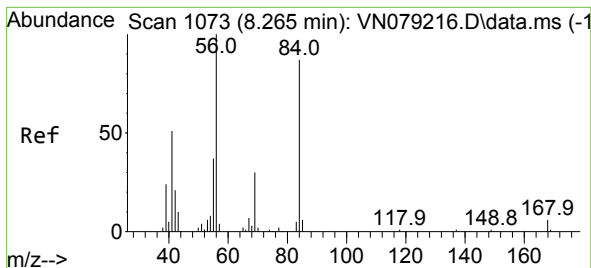
Tgt Ion:	84	Resp:	12918
Ion	Ratio	Lower	Upper
84	100		
49	121.2	79.7	119.5#
51	43.4	25.2	37.8#
86	56.5	53.3	79.9



#25
2-Butanone
Concen: 2.876 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion:	43	Resp:	3114
Ion	Ratio	Lower	Upper
43	100		
72	22.8	30.2	45.2#





#31

Cyclohexane

Concen: 1.368 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.029 min

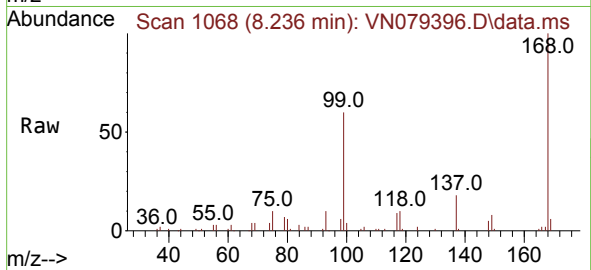
Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :



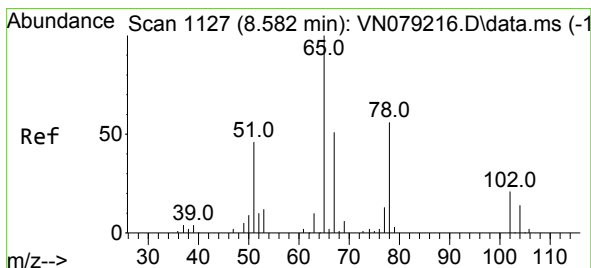
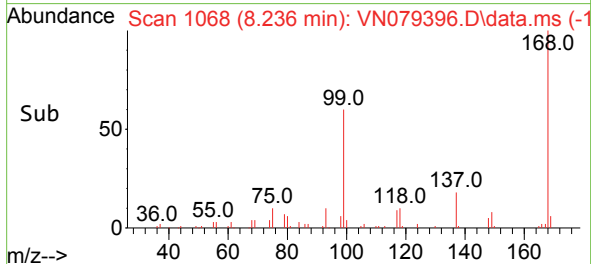
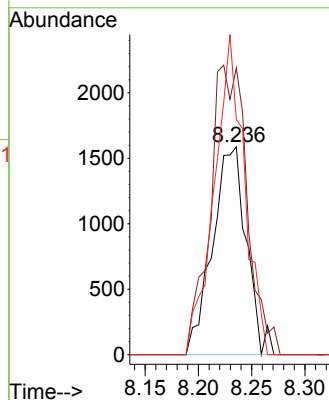
Tgt Ion: 56 Resp: 3510

Ion Ratio Lower Upper

56 100

69 137.9 26.8 40.2#

84 113.0 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 67.044 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN079396.D

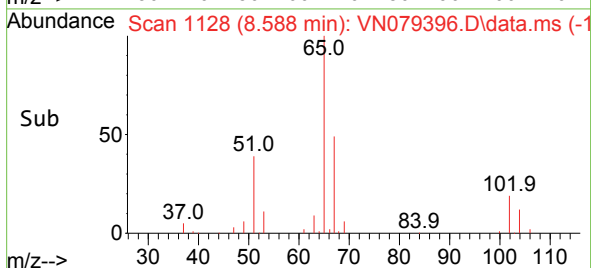
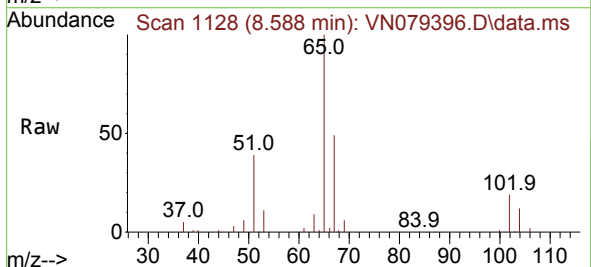
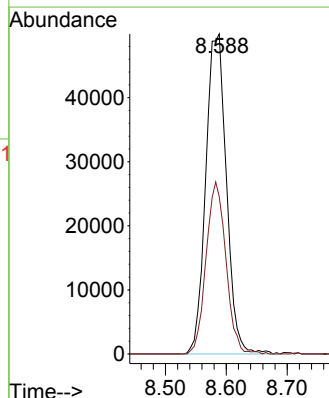
Acq: 30 Sep 2023 18:58

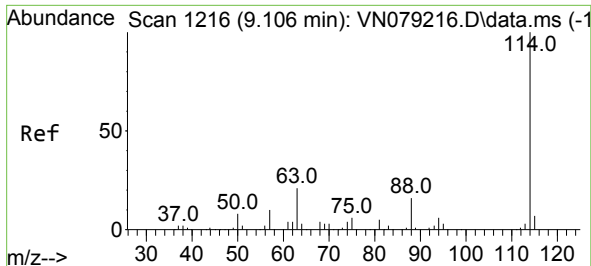
Tgt Ion: 65 Resp: 117823

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6

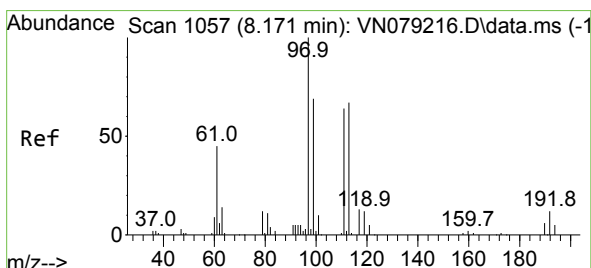
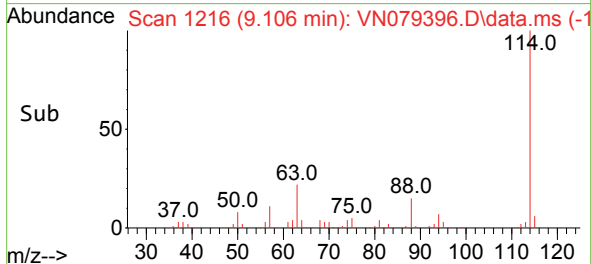
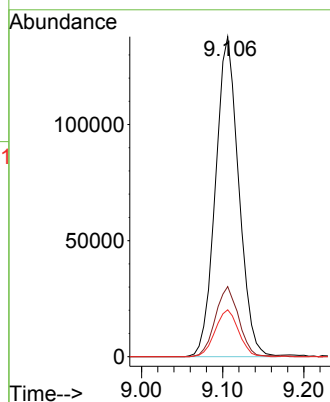
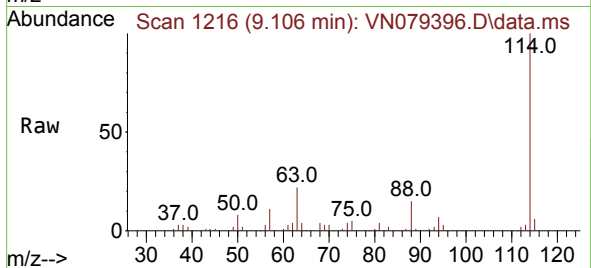




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

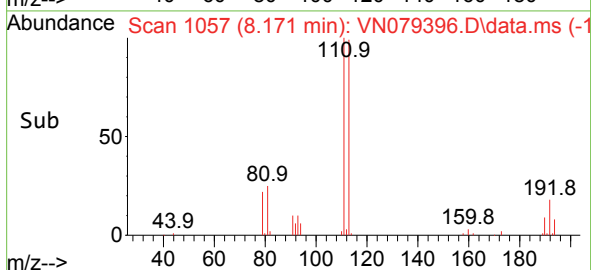
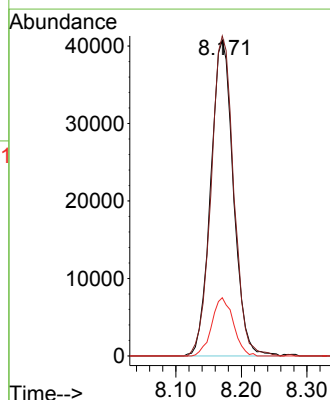
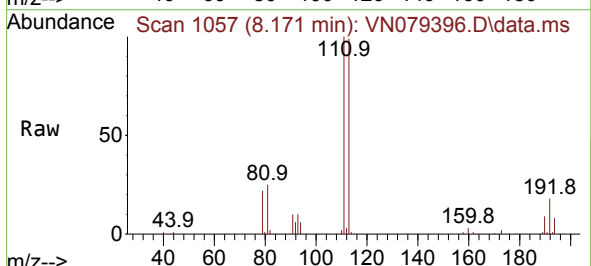
Instrument :
MSVOA_N
ClientSampleId :

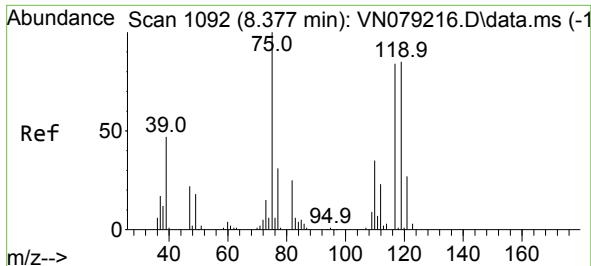
Tgt Ion:114 Resp: 274797
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.452 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion:113 Resp: 97705
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 17.6 12.7 19.1

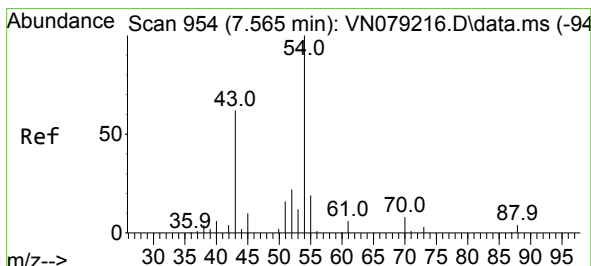
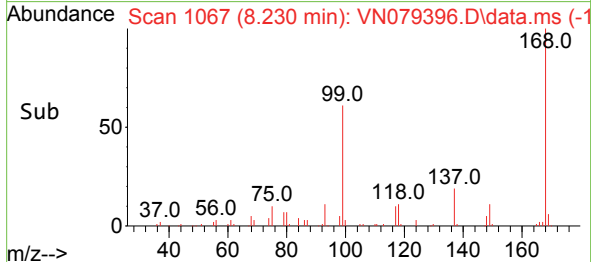
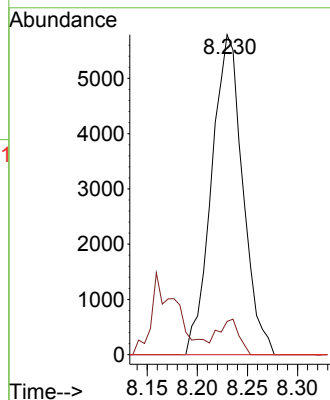
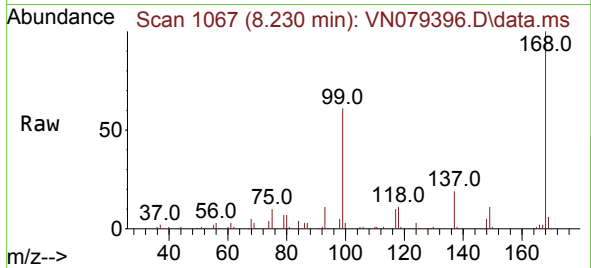




#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

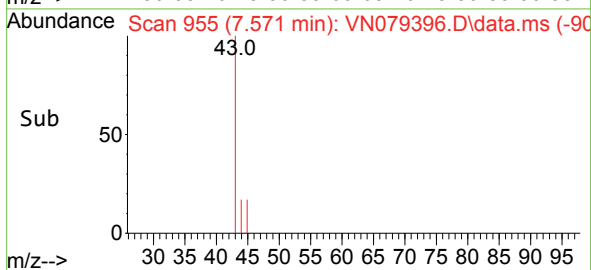
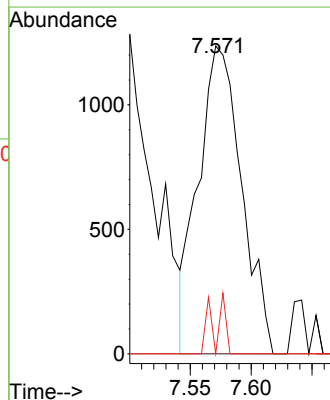
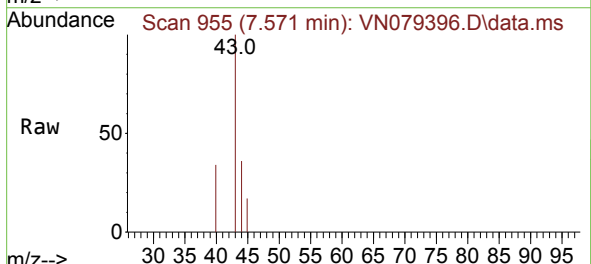
Instrument :
MSVOA_N
ClientSampleId :

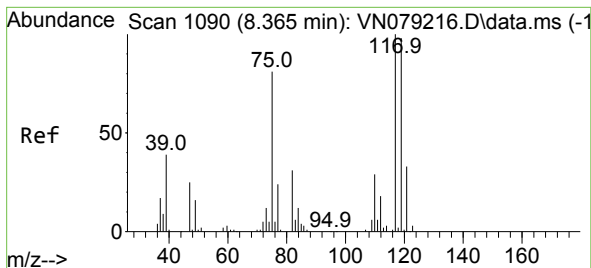
Tgt Ion: 75 Resp: 12517
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.091 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 5.4 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 4.577 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.141 min

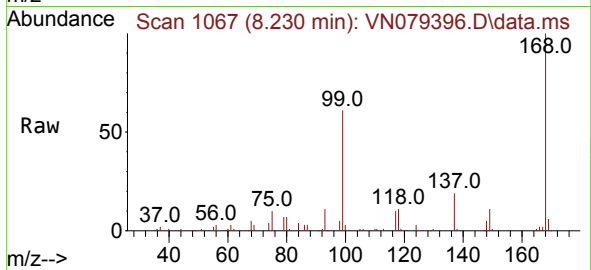
Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :



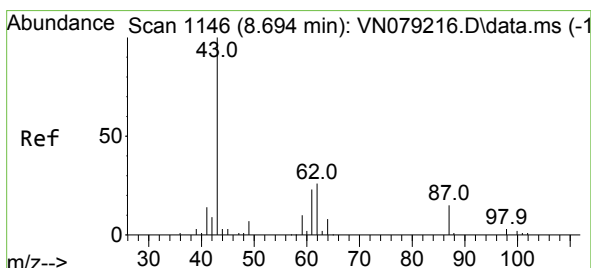
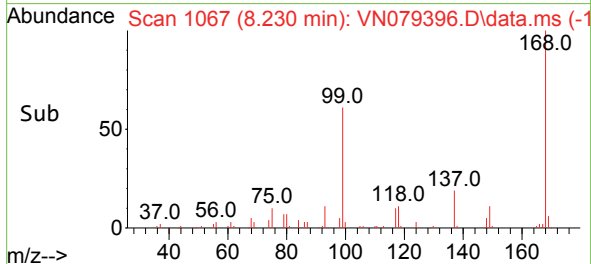
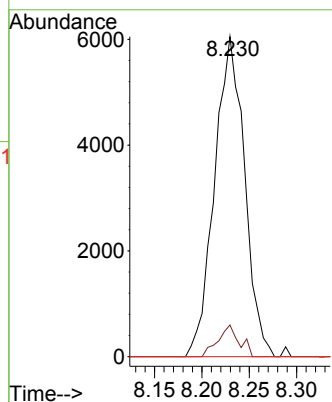
Tgt Ion:117 Resp: 13346

Ion Ratio Lower Upper

117 100

119 9.9 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 41.876 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

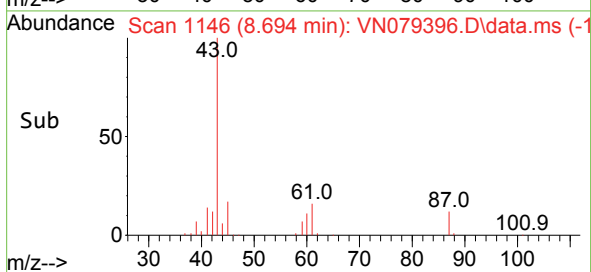
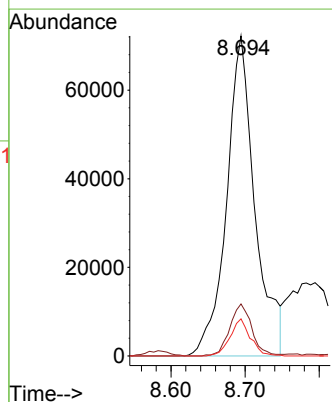
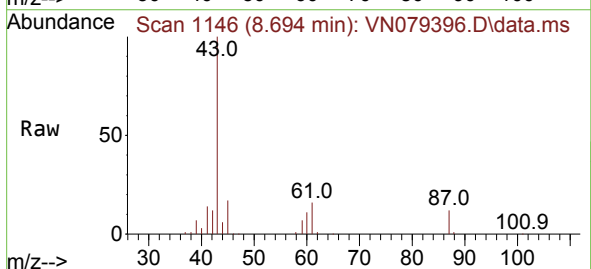
Tgt Ion: 43 Resp: 192020

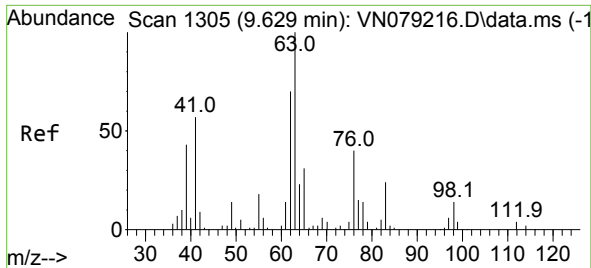
Ion Ratio Lower Upper

43 100

61 12.7 24.7 37.1#

87 8.3 14.6 21.8#

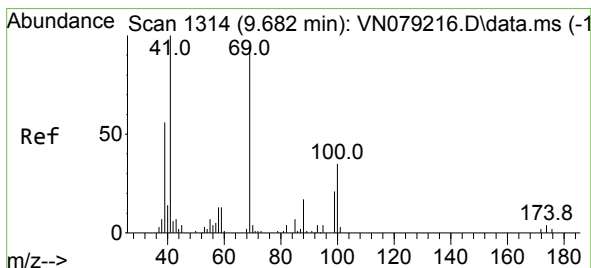
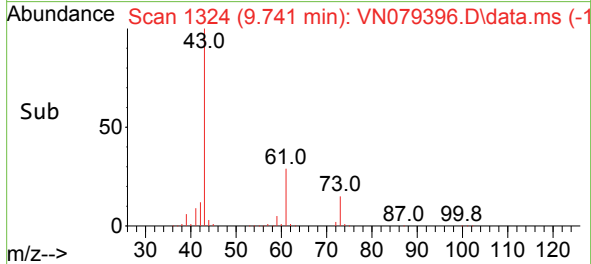
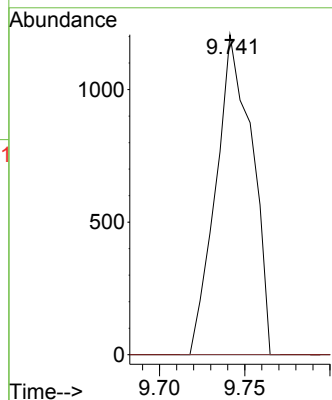
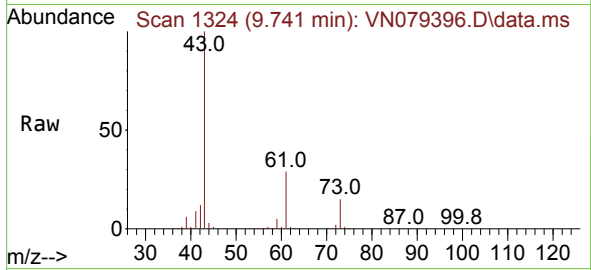




#45
1,2-Dichloropropane
Concen: 0.830 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

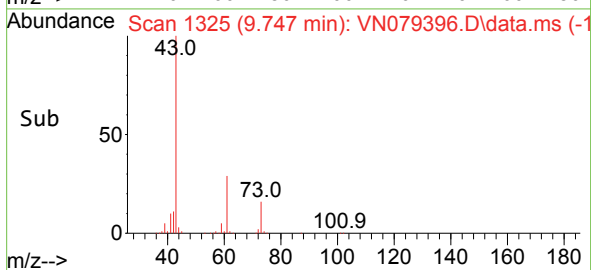
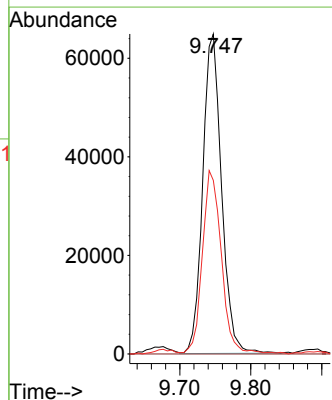
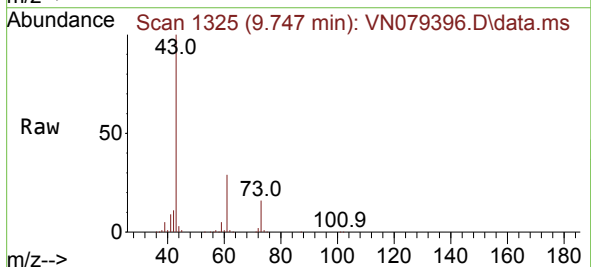
Instrument :
MSVOA_N
ClientSampleId :

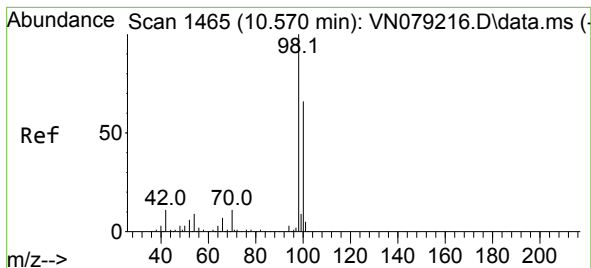
Tgt Ion: 63 Resp: 1776
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 58.207 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.059 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 41 Resp: 119551
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 56.9 54.6 81.8

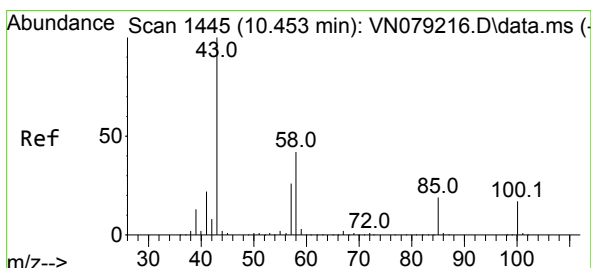
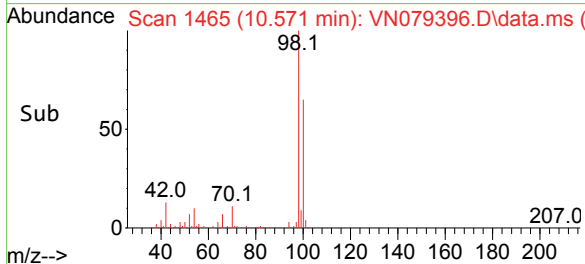
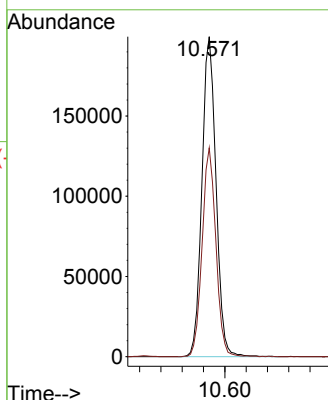
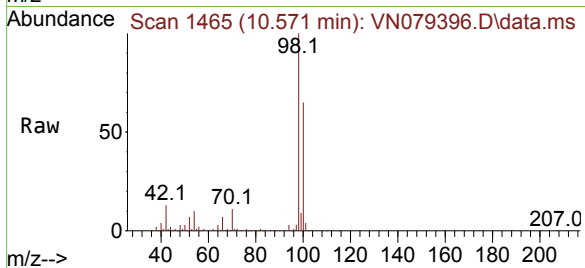




#50
Toluene-d8
Concen: 54.385 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

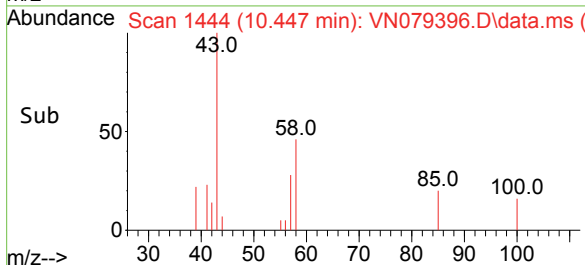
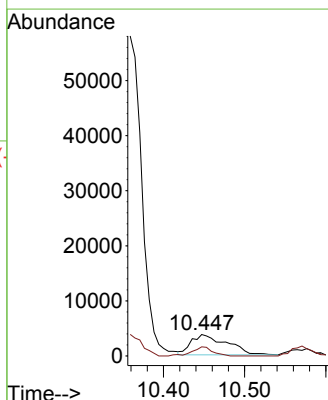
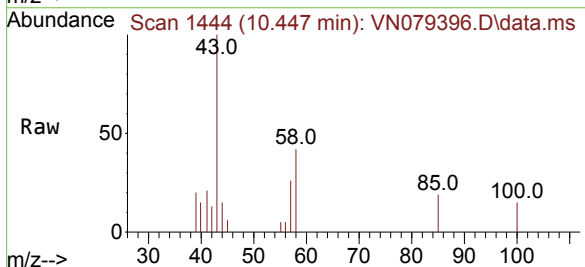
Instrument :
MSVOA_N
ClientSampleId :

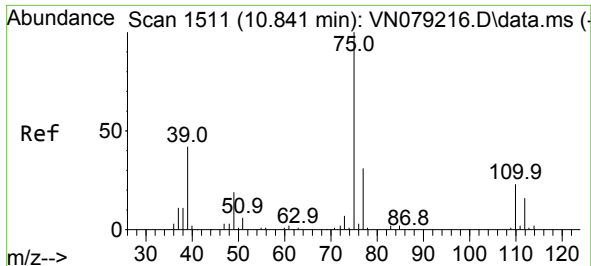
Tgt Ion: 98 Resp: 365021
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.252 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 43 Resp: 11318
Ion Ratio Lower Upper
43 100
58 25.5 36.6 54.8#

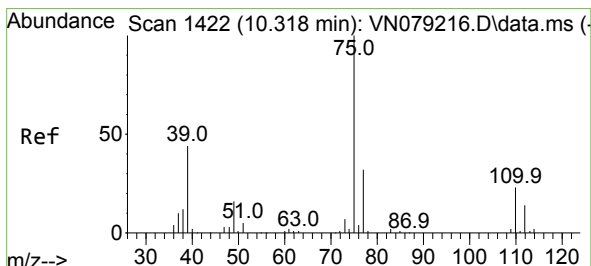
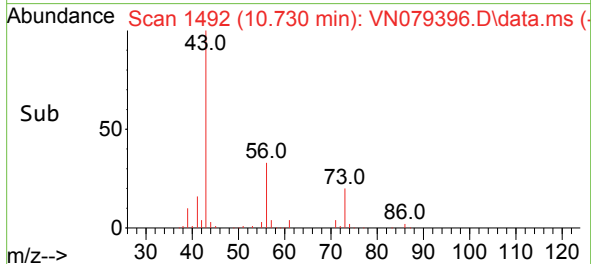
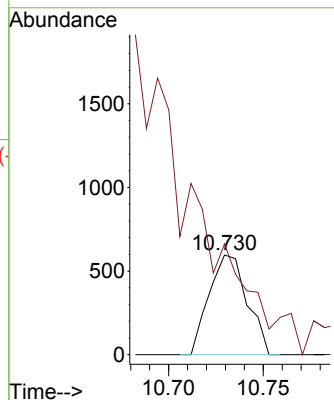
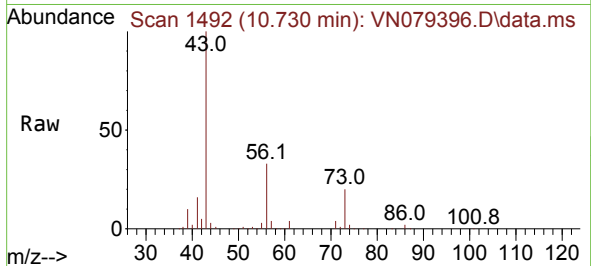




#53
 t-1,3-Dichloropropene
 Concen: 0.266 ug/l
 RT: 10.730 min Scan# 1492
 Delta R.T. -0.111 min
 Lab File: VN079396.D
 Acq: 30 Sep 2023 18:58

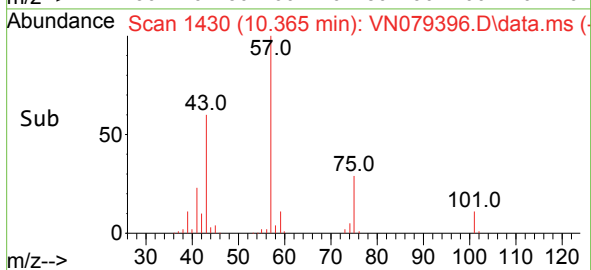
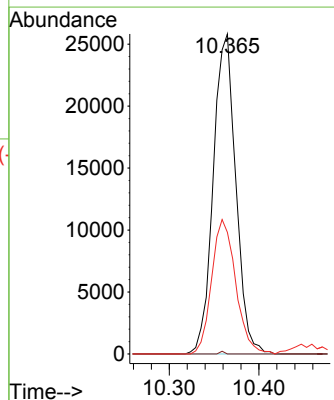
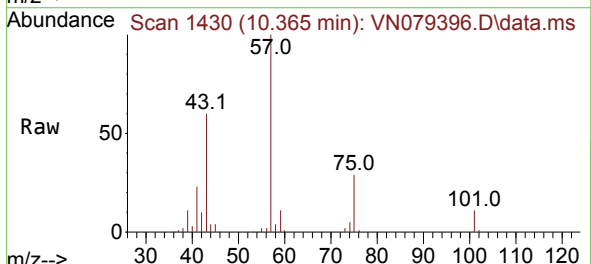
Instrument :
 MSVOA_N
 ClientSampleId :

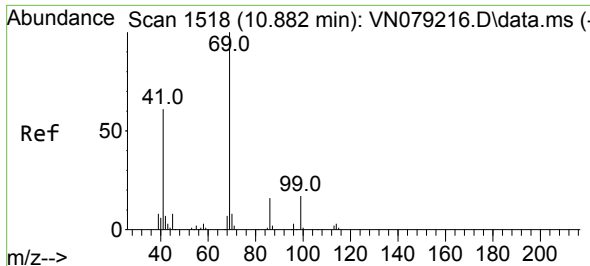
Tgt Ion: 75 Resp: 836
 Ion Ratio Lower Upper
 75 100
 77 73.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 13.434 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN079396.D
 Acq: 30 Sep 2023 18:58

Tgt Ion: 75 Resp: 45094
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 38.0 31.6 47.4

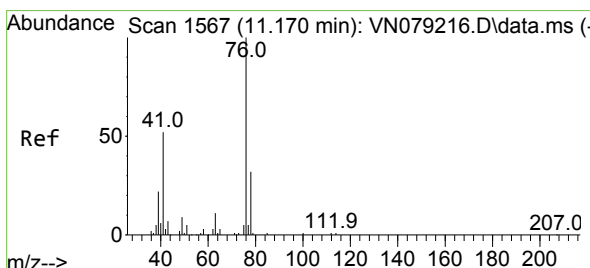
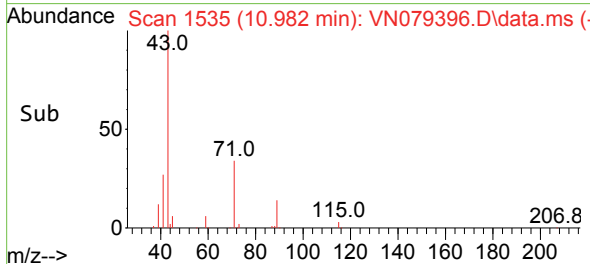
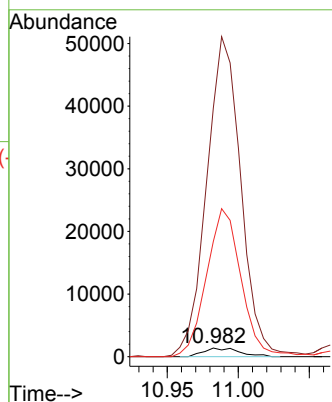
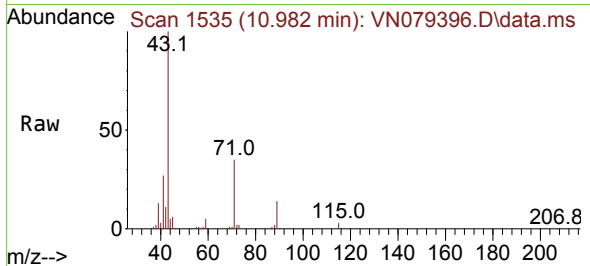




#56
Ethyl methacrylate
Concen: 0.822 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.105 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

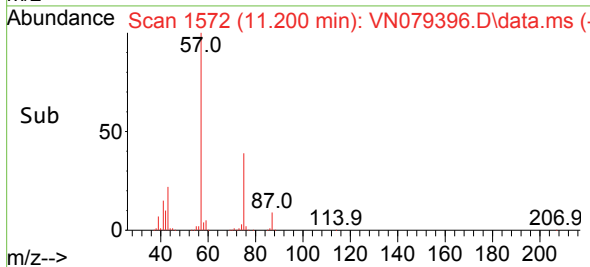
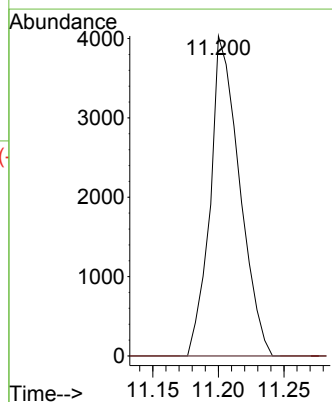
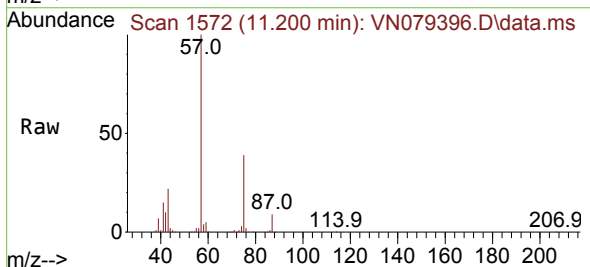
Instrument :
MSVOA_N
ClientSampleId :

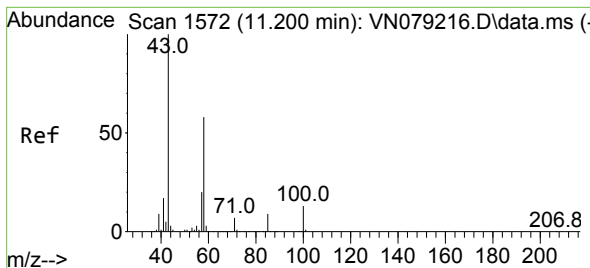
Tgt Ion: 69 Resp: 2414
Ion Ratio Lower Upper
69 100
41 3548.3 39.6 59.4#
39 1662.4 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.749 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion: 76 Resp: 6287
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

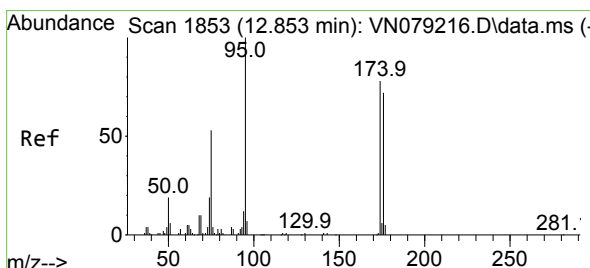
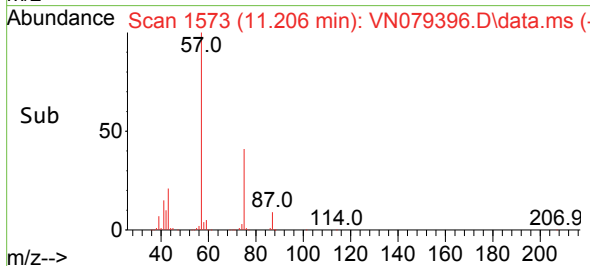
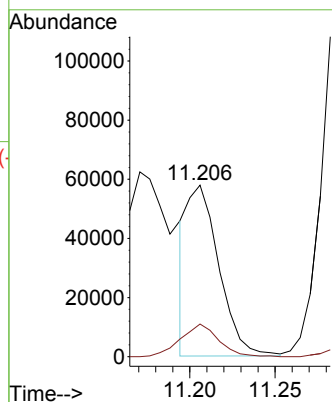
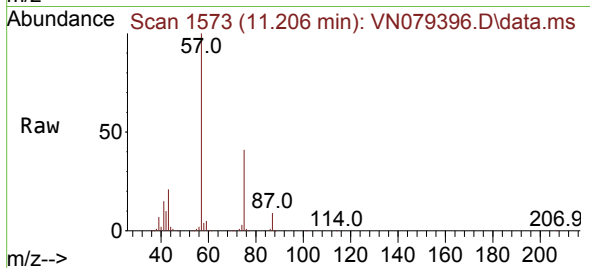




#59
2-Hexanone
Concen: 38.883 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

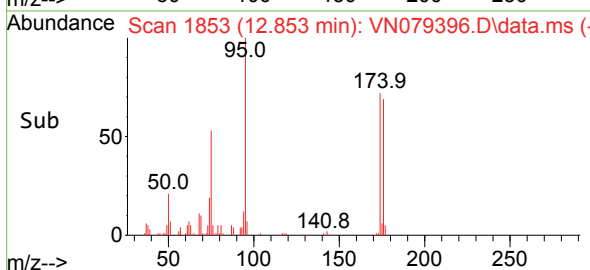
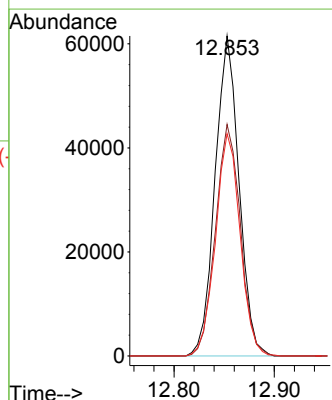
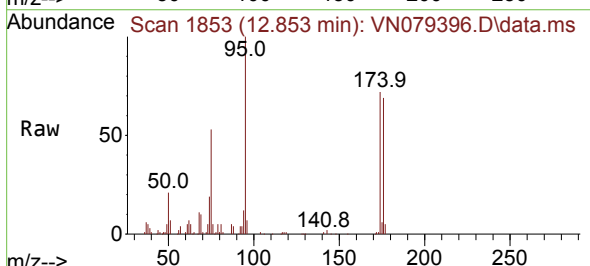
Instrument :
MSVOA_N
ClientSampleId :

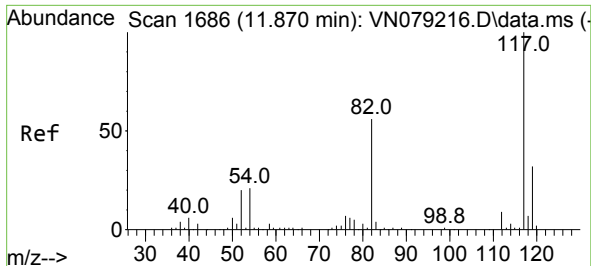
Tgt Ion: 43 Resp: 74962
Ion Ratio Lower Upper
43 100
58 22.9 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

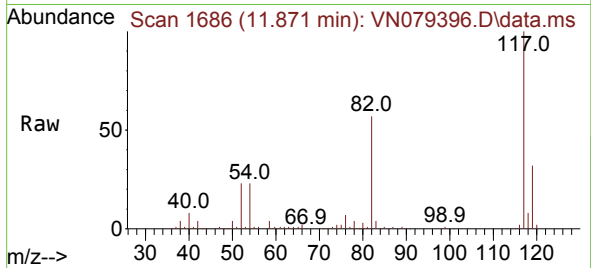
Tgt Ion: 95 Resp: 101704
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.6 0.0 135.8



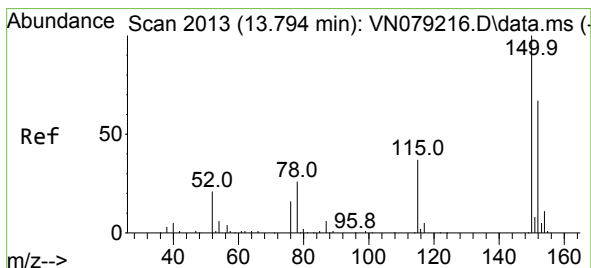
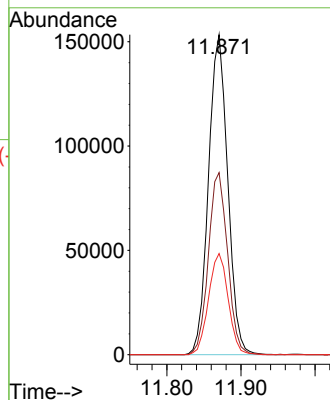
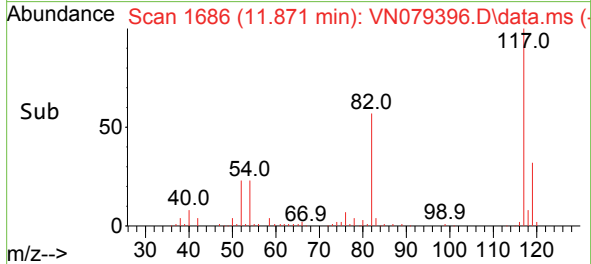


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

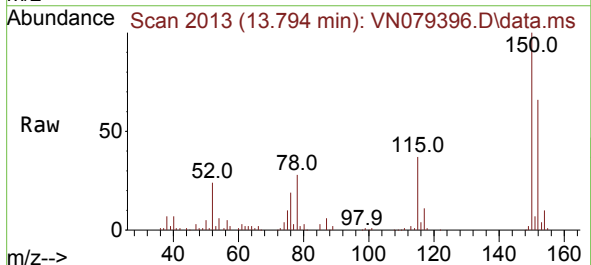
Instrument :
MSVOA_N
ClientSampleId :



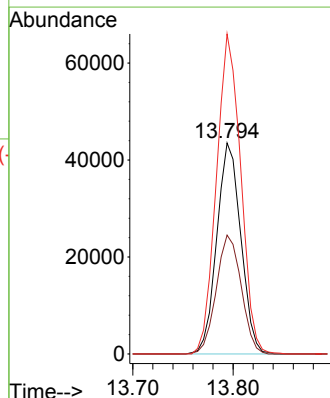
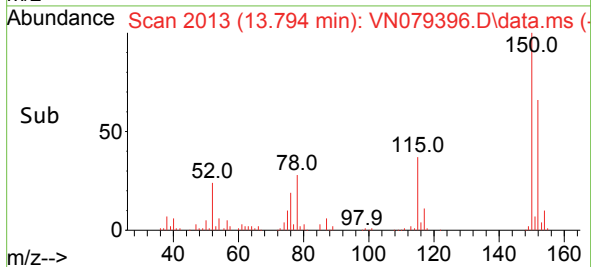
Tgt Ion:117 Resp: 276493
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.6 25.6 38.4

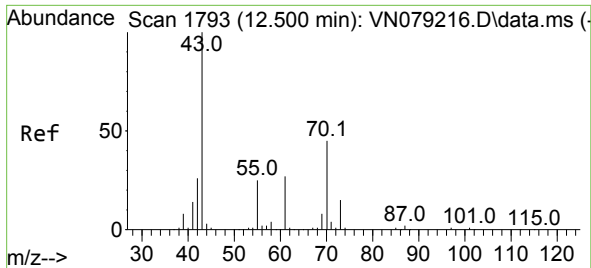


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58



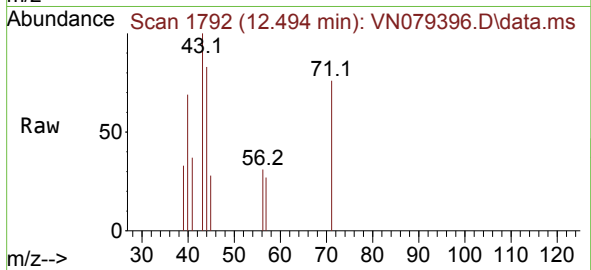
Tgt Ion:152 Resp: 72377
Ion Ratio Lower Upper
152 100
115 58.4 32.3 96.8
150 153.4 0.0 355.8



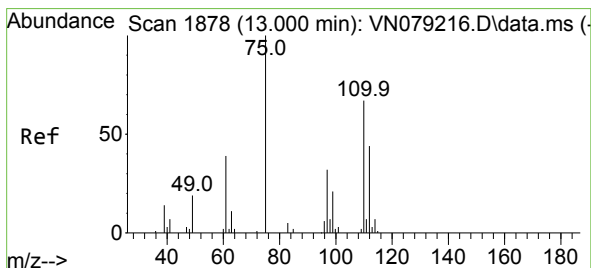
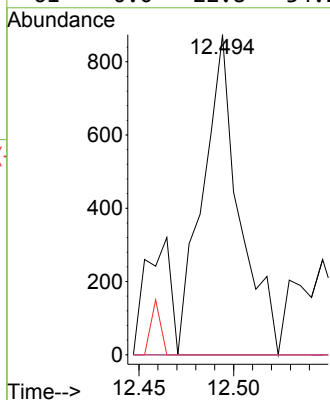
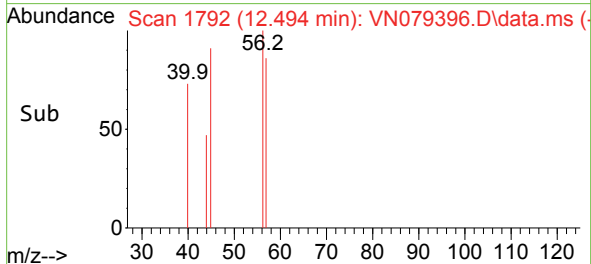


#74
N-amy1 acetate
Concen: 0.468 ug/l
RT: 12.494 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :

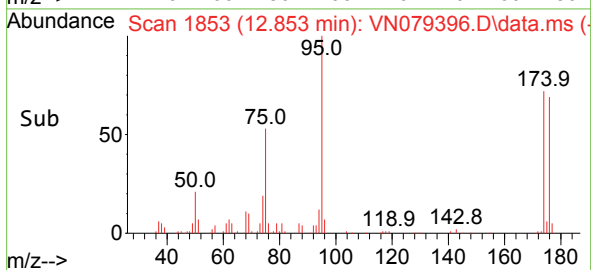
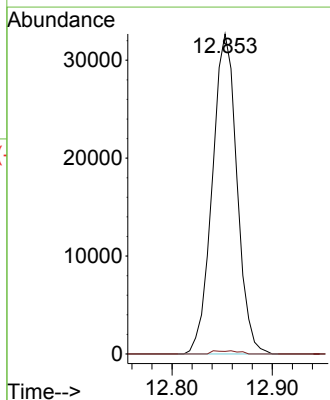
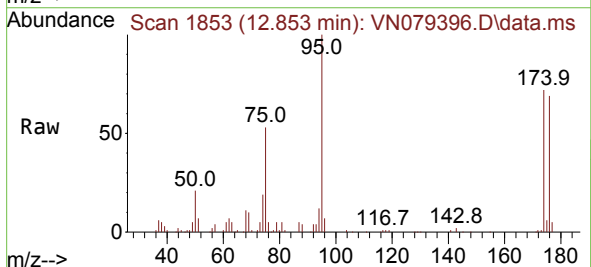


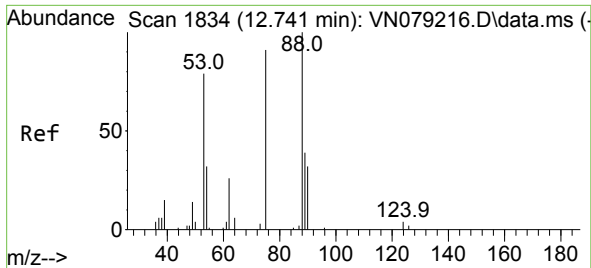
Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	43.4	65.2#
55	0.0	21.4	32.0#
61	0.0	22.8	34.2#



#76
1,2,3-Trichloropropane
Concen: 28.550 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

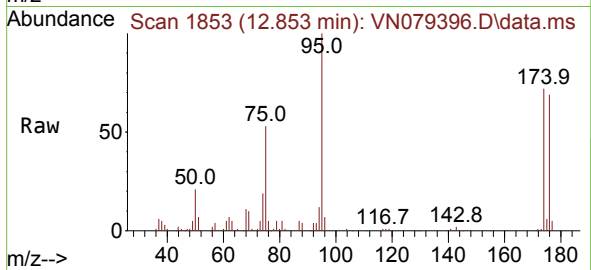
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	84.5	253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.491 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079396.D
 Acq: 30 Sep 2023 18:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 55692
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

