

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079917.D
 Acq On : 06 Nov 2023 12:58
 Operator : JC\MD
 Sample : PB156885TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:45:52 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	8.229	168	262684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	564058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219981	54.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.940%	
35) Dibromofluoromethane	8.171	113	181607	48.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.740%	
50) Toluene-d8	10.571	98	675420	49.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.853	95	234357	51.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.320%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	1239	Below Cal	#	76
5) Bromomethane	2.971	94	1501	0.596	ug/l #	62
6) Chloroethane	3.195	64	6117	1.869	ug/l #	43
10) Methyl Iodide	4.594	142	2358	0.691	ug/l #	82
11) Tert butyl alcohol	5.524	59	2608	5.105	ug/l #	80
13) Acrolein	4.194	56	384	3.364	ug/l #	56
15) Acrylonitrile	5.730	53	980	0.616	ug/l #	81
16) Acetone	4.430	43	102212	72.709	ug/l	90
17) Carbon Disulfide	4.718	76	2905	0.356	ug/l #	75
18) Methyl Acetate	5.041	43	2828	0.420	ug/l #	75
20) Methylene Chloride	5.271	84	21805	6.147	ug/l #	77
25) 2-Butanone	7.488	43	10582	5.141	ug/l #	64
29) Tetrahydrofuran	7.853	42	496	0.370	ug/l #	28
31) Cyclohexane	8.229	56	6863	1.298	ug/l #	42
36) 1,1-Dichloropropene	8.229	75	24729	4.661	ug/l #	48
37) Ethyl Acetate	7.571	43	6945	1.427	ug/l #	83
38) Carbon Tetrachloride	8.229	117	27872	5.213	ug/l #	15
41) Methacrylonitrile	7.865	41	546	0.211	ug/l #	26
42) 1,2-Dichloroethane	8.688	62	2054	0.370	ug/l #	73
43) Isopropyl Acetate	8.694	43	227096	26.613	ug/l #	80
45) 1,2-Dichloropropane	9.747	63	2619	0.645	ug/l #	45
48) Methyl methacrylate	9.741	41	214783	57.464	ug/l #	28
49) 1,4-Dioxane	9.741	88	355	5.375	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	24916	5.186	ug/l #	76
54) cis-1,3-Dichloropropene	10.359	75	74218	11.745	ug/l #	74
57) 1,3-Dichloropropane	11.200	76	11278	1.689	ug/l #	42
59) 2-Hexanone	11.206	43	130131	35.408	ug/l #	49
71) Bromoform	12.847	173	878	0.280	ug/l #	1
74) N-amyl acetate	12.494	43	3905	0.555	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	123505	24.781	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	123505	67.422	ug/l #	15
87) 1,3-Dichlorobenzene	13.735	146	2000	0.273	ug/l	93
88) 1,4-Dichlorobenzene	13.735	146	2000	0.269	ug/l	95
89) n-Butylbenzene	14.059	91	2617	0.262	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	1569	0.227	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	223	0.230	ug/l	83

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

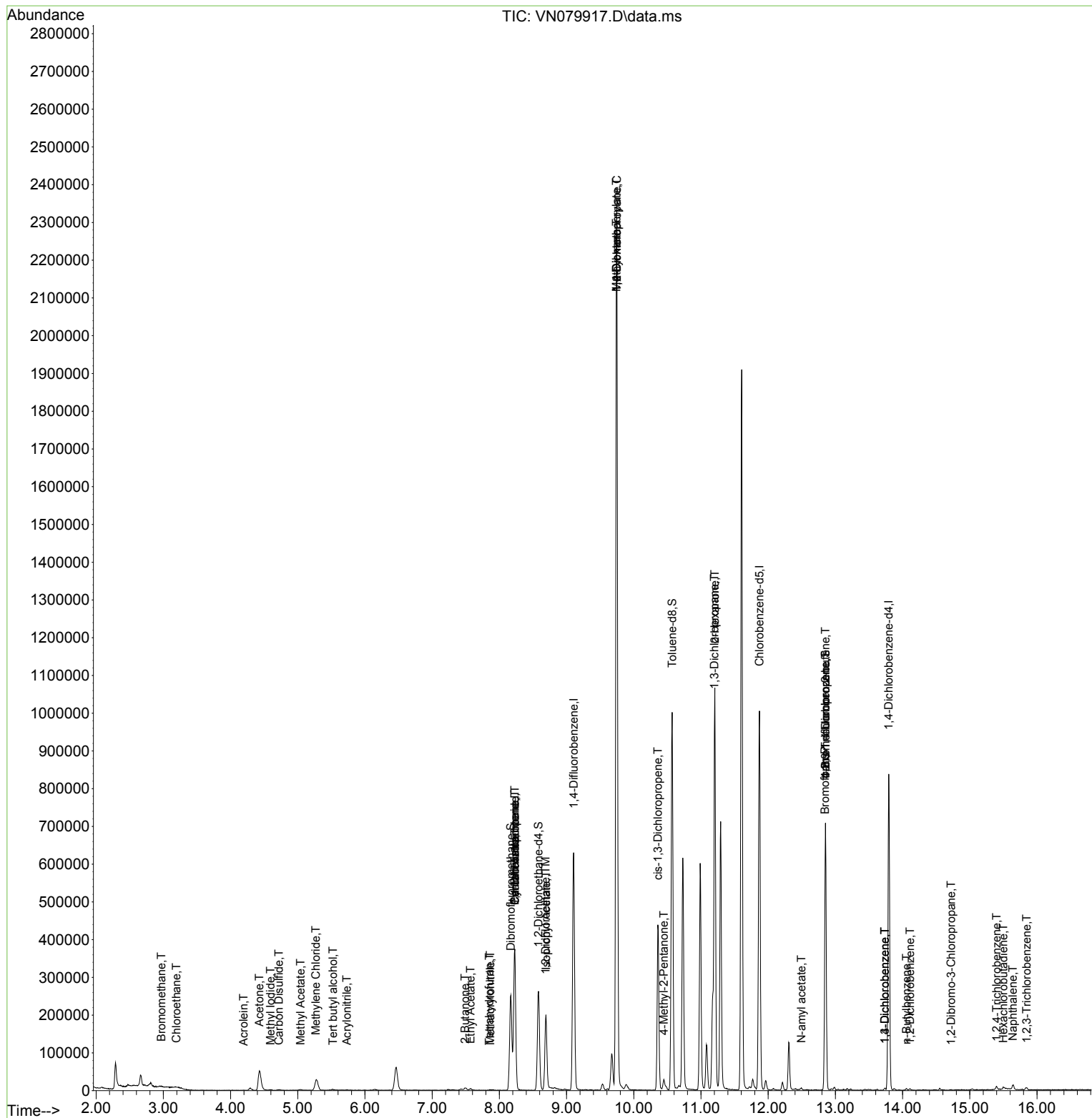
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.400	180	2540	0.771	ug/l	98
94) Hexachlorobutadiene	15.500	225	977	0.654	ug/l	87
95) Naphthalene	15.641	128	10471	0.937	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2572	0.797	ug/l	66

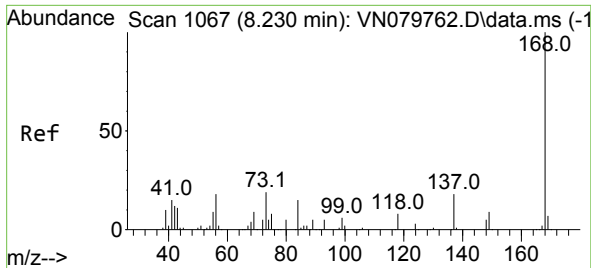
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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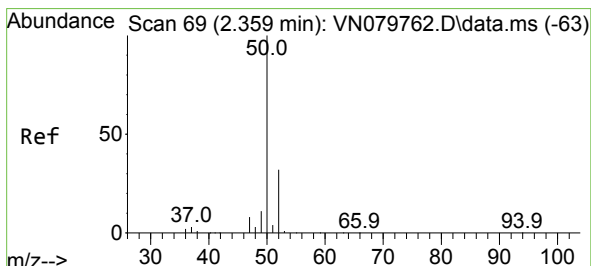
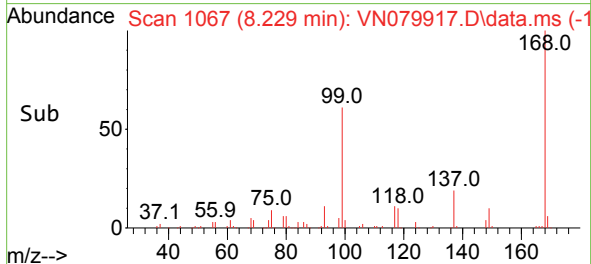
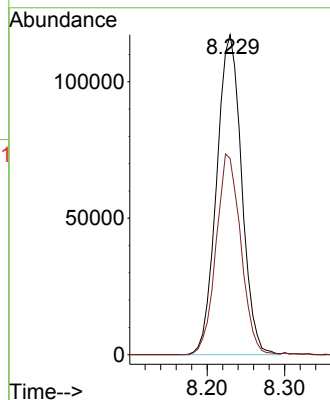
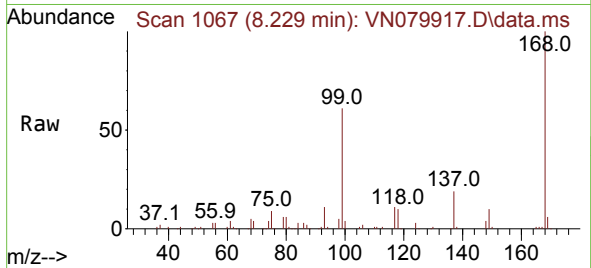




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

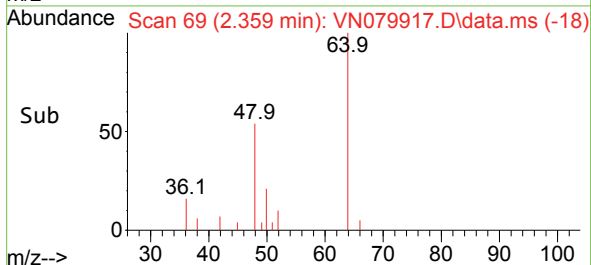
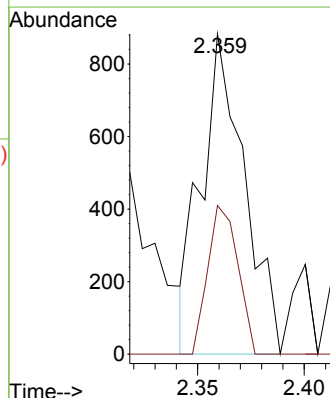
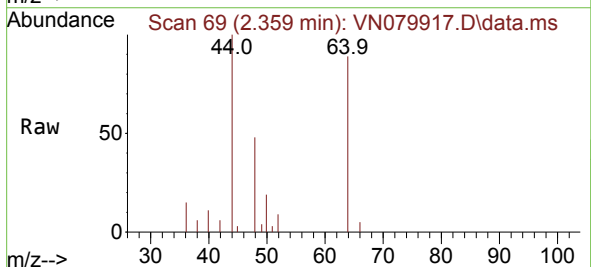
Instrument :
MSVOA_N
ClientSampleId :

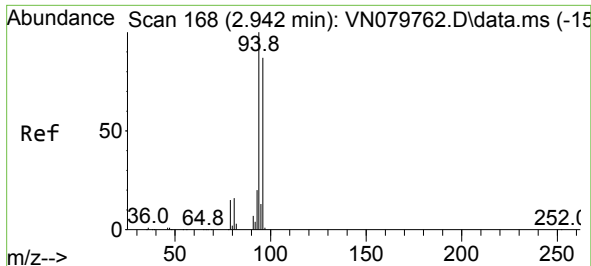
Tgt Ion:168 Resp: 262684
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 50 Resp: 1239
Ion Ratio Lower Upper
50 100
52 46.4 26.5 39.7#

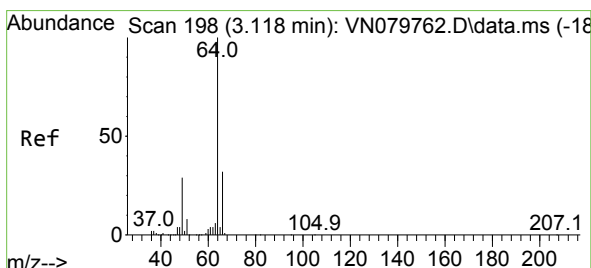
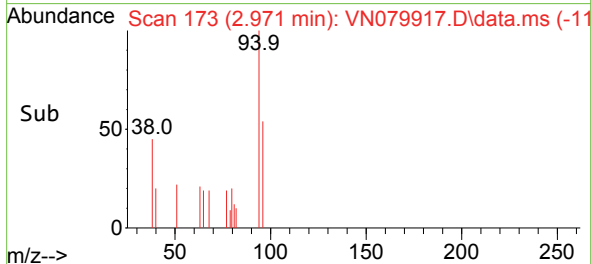
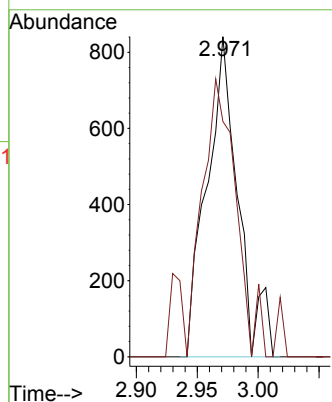
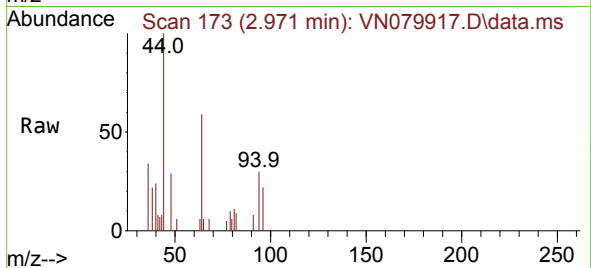




#5
Bromomethane
Concen: 0.596 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

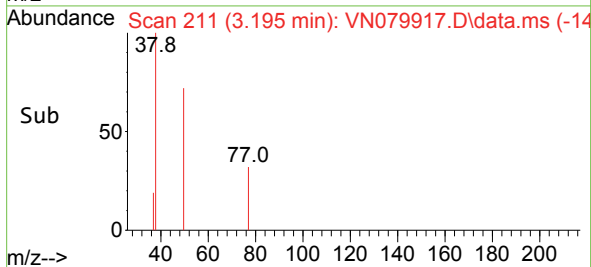
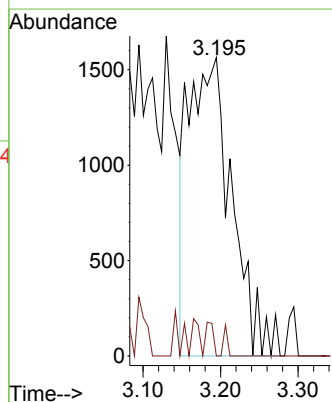
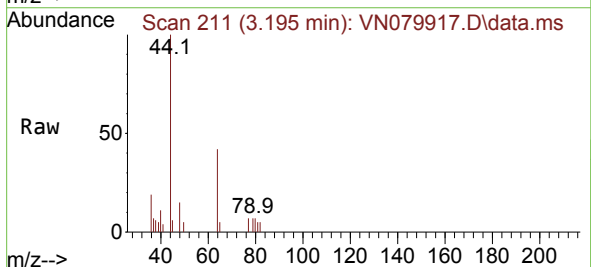
Instrument :
MSVOA_N
ClientSampleId :

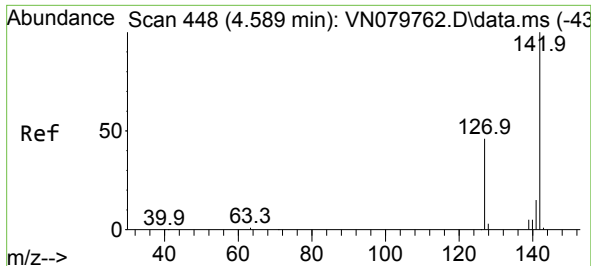
Tgt Ion: 94 Resp: 1501
Ion Ratio Lower Upper
94 100
96 54.9 73.1 109.7#



#6
Chloroethane
Concen: 1.869 ug/l
RT: 3.195 min Scan# 211
Delta R.T. 0.076 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 64 Resp: 6117
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

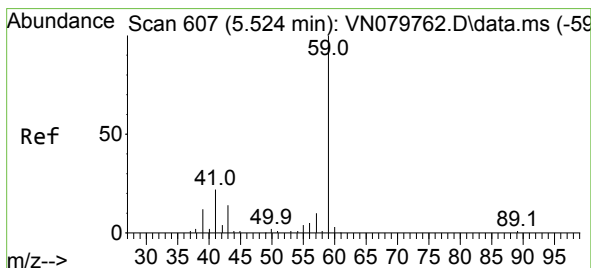
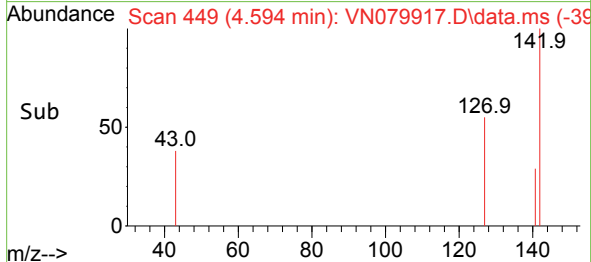
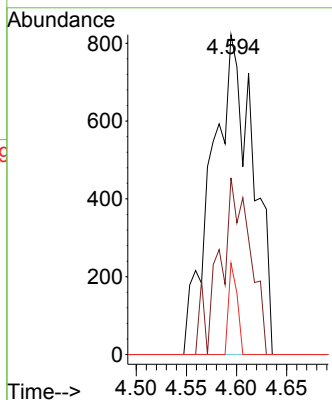
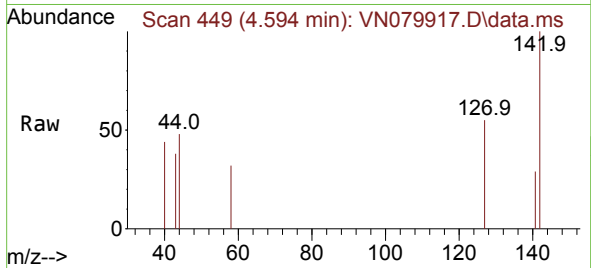




#10
Methyl Iodide
Concen: 0.691 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

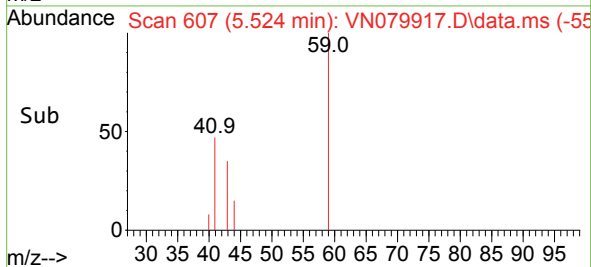
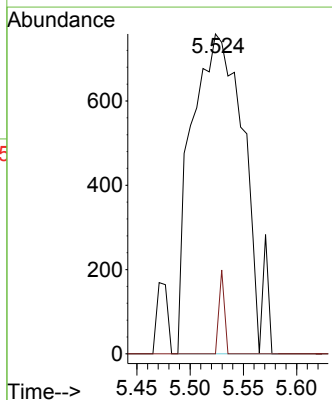
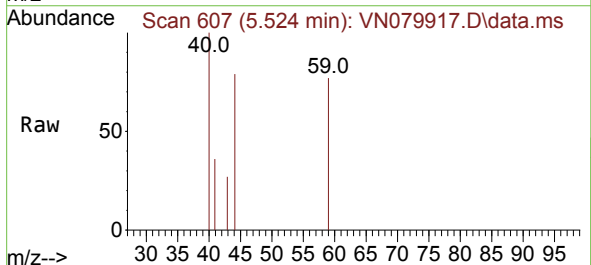
Instrument :
MSVOA_N
ClientSampleId :

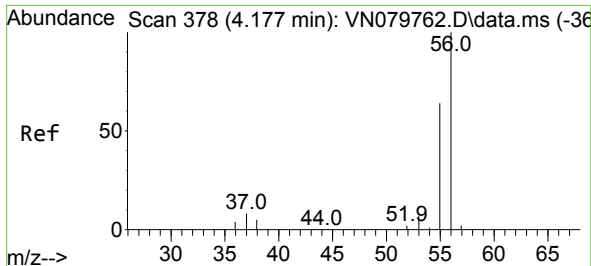
Tgt Ion:142 Resp: 2358
Ion Ratio Lower Upper
142 100
127 55.2 37.6 56.4
141 28.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.105 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 59 Resp: 2608
Ion Ratio Lower Upper
59 100
57 2.7 8.2 12.4#





#13

Acrolein

Concen: 3.364 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.011 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

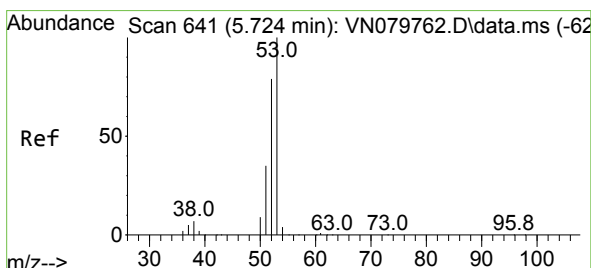
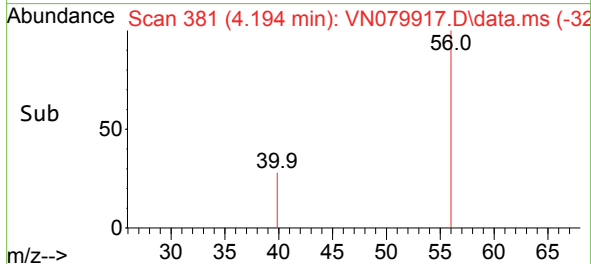
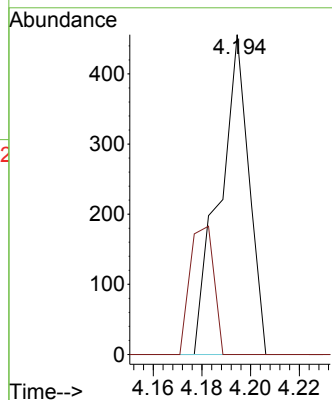
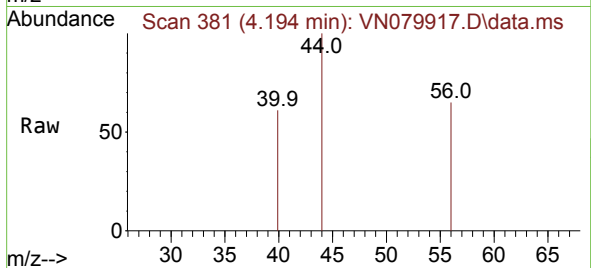
ClientSampleId :

Tgt Ion: 56 Resp: 384

Ion Ratio Lower Upper

56 100

55 32.6 54.5 81.7#



#15

Acrylonitrile

Concen: 0.616 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

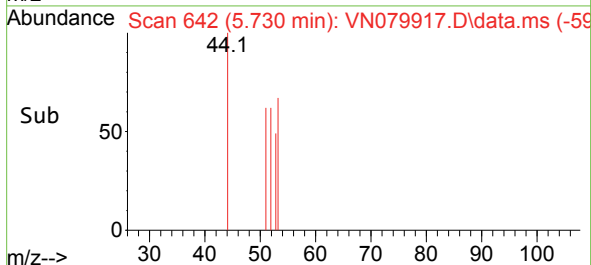
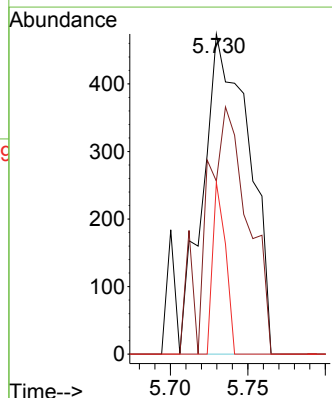
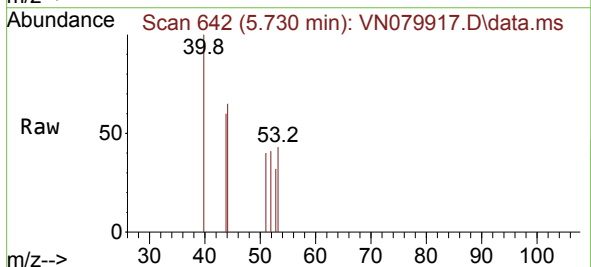
Tgt Ion: 53 Resp: 980

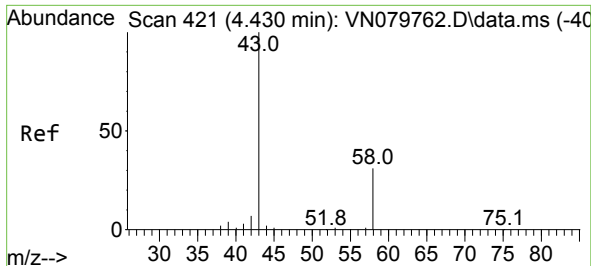
Ion Ratio Lower Upper

53 100

52 70.9 65.3 97.9

51 15.0 28.9 43.3#

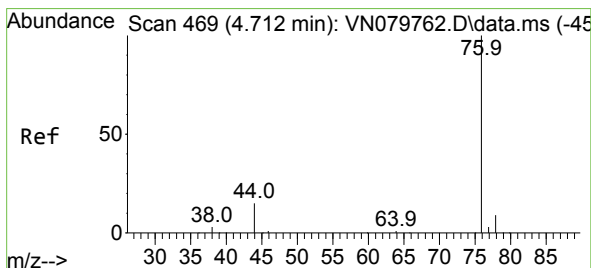
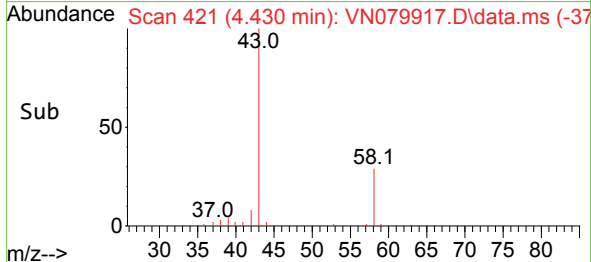
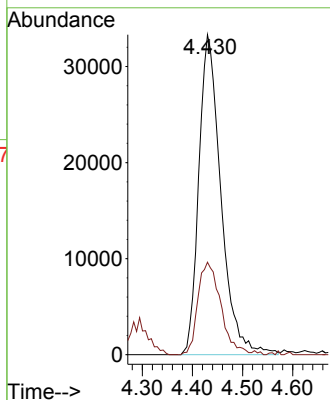
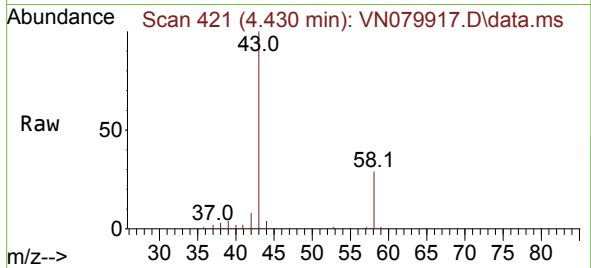




#16
Acetone
Concen: 72.709 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

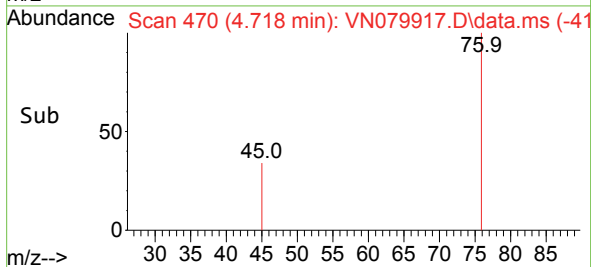
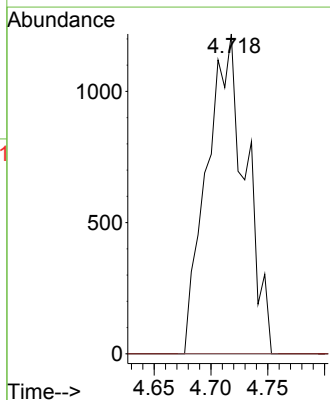
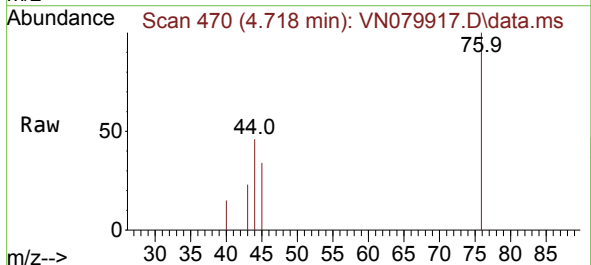
Instrument :
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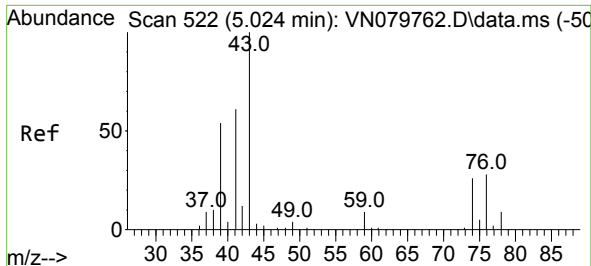
Tgt Ion: 43 Resp: 102212
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0



#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 76 Resp: 2905
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

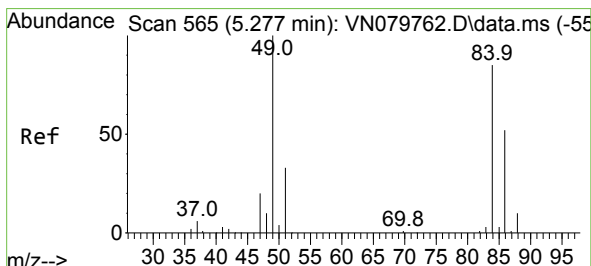
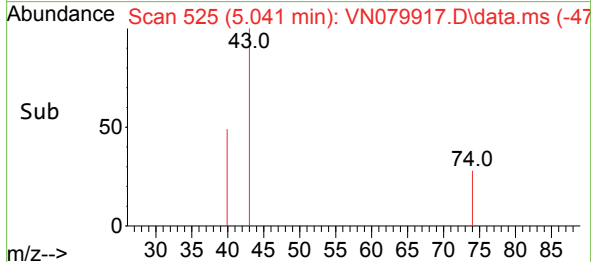
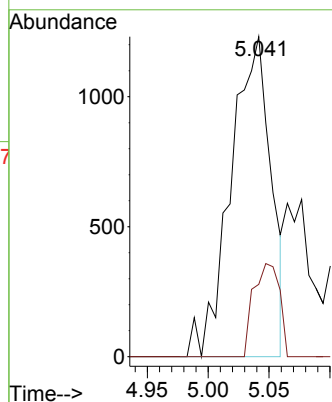
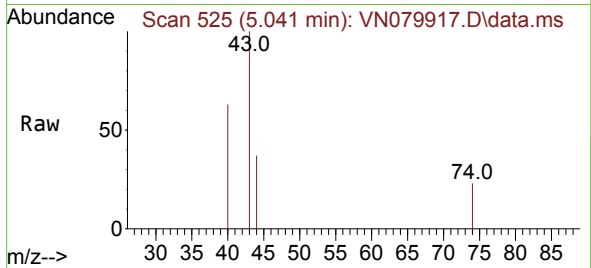




#18
Methyl Acetate
Concen: 0.420 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

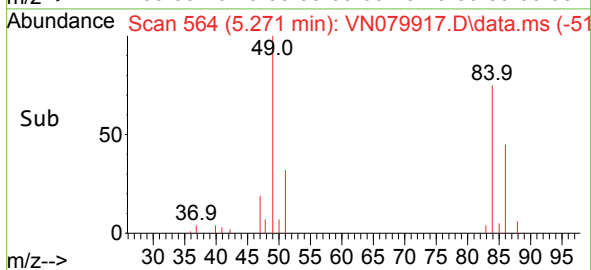
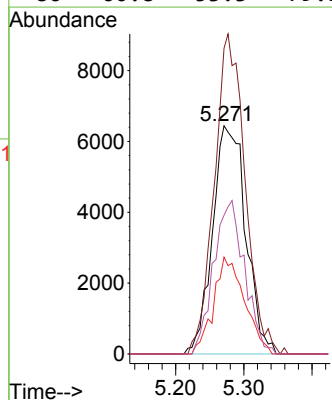
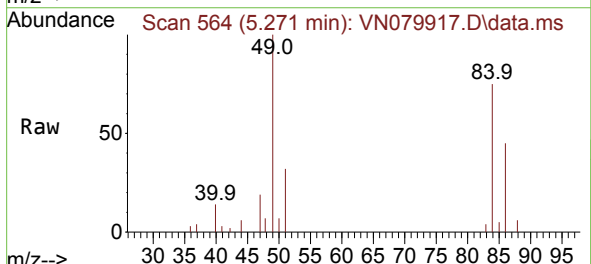
Instrument :
MSVOA_N
ClientSampleId :

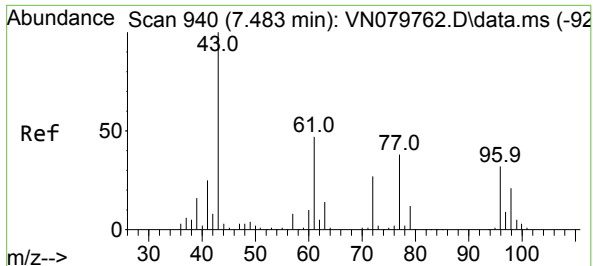
Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
74 18.7 26.2 39.4#



#20
Methylene Chloride
Concen: 6.147 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 84 Resp: 21805
Ion Ratio Lower Upper
84 100
49 134.0 79.7 119.5#
51 42.4 25.2 37.8#
86 60.8 53.3 79.9





#25

2-Butanone

Concen: 5.141 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

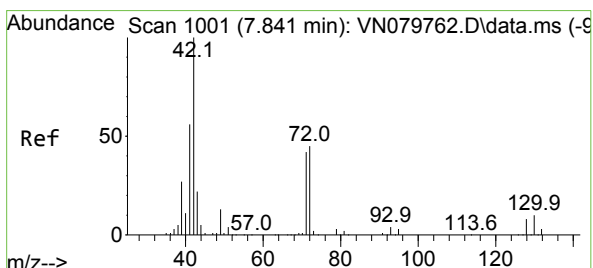
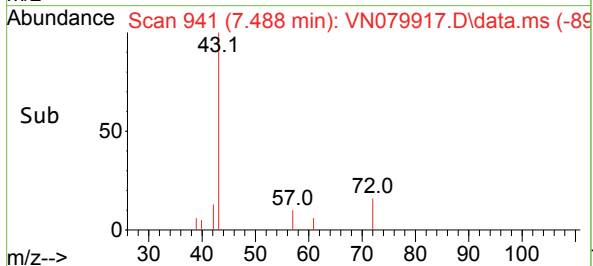
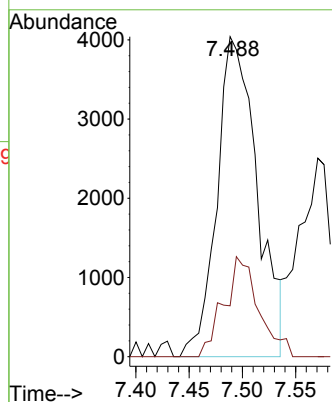
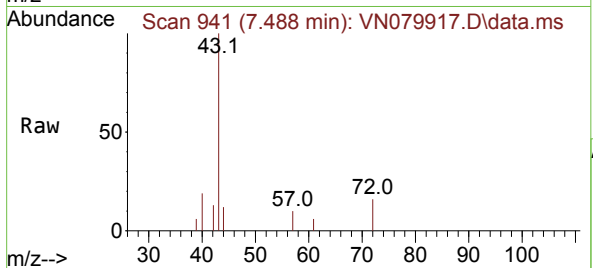
ClientSampleId :

Tgt Ion: 43 Resp: 10582

Ion Ratio Lower Upper

43 100

72 15.9 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.370 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

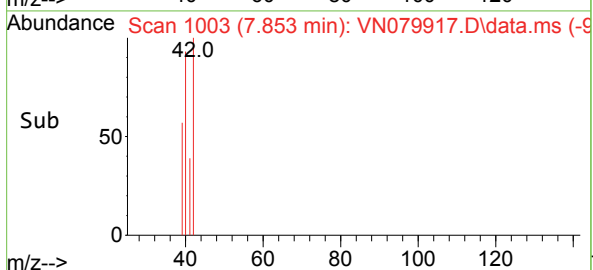
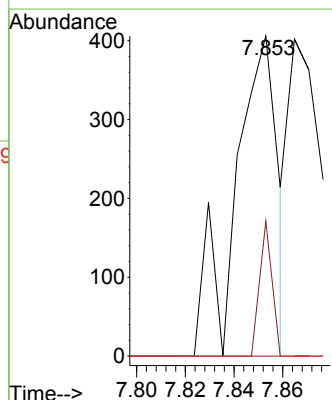
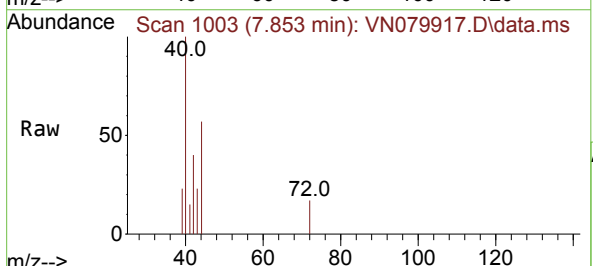
Tgt Ion: 42 Resp: 496

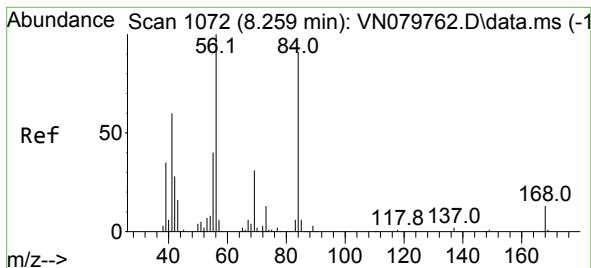
Ion Ratio Lower Upper

42 100

72 12.1 49.8 74.6#

71 0.0 47.4 71.2#





#31

Cyclohexane

Concen: 1.298 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.029 min

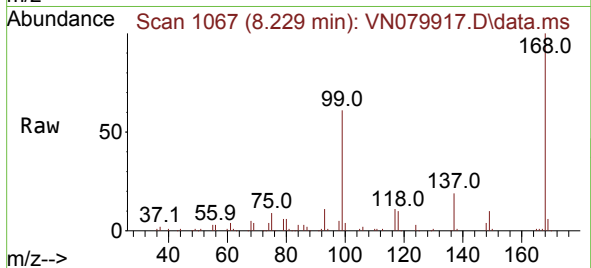
Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :



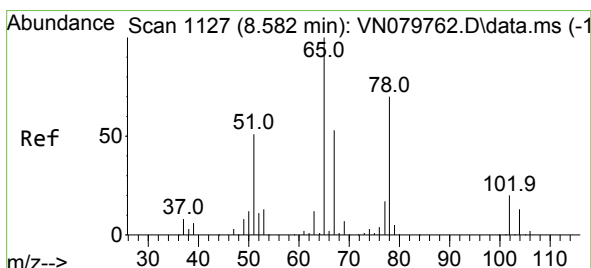
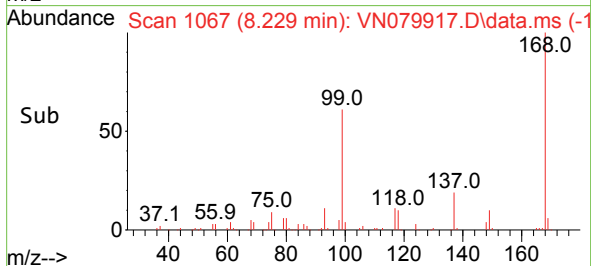
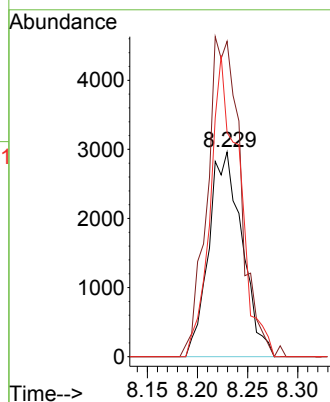
Tgt Ion: 56 Resp: 6863

Ion Ratio Lower Upper

56 100

69 154.1 26.8 40.2#

84 109.5 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 54.967 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079917.D

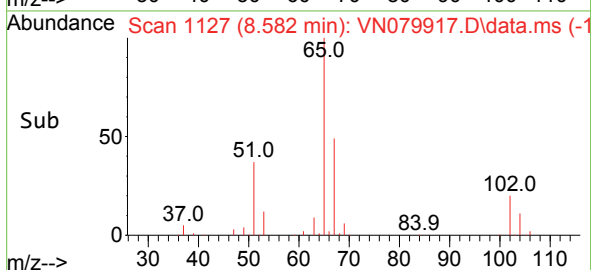
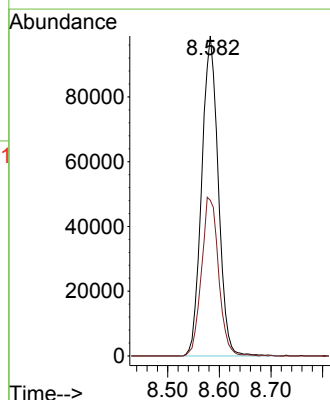
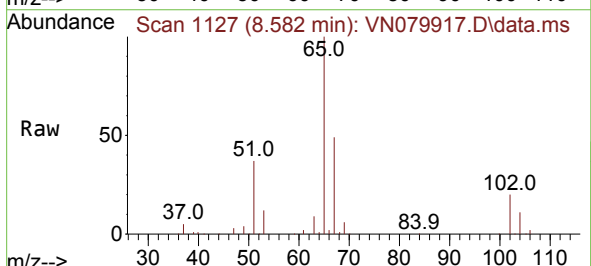
Acq: 06 Nov 2023 12:58

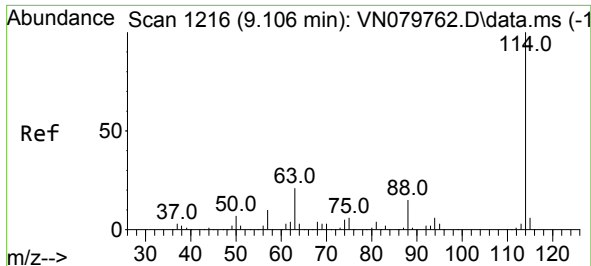
Tgt Ion: 65 Resp: 219981

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6

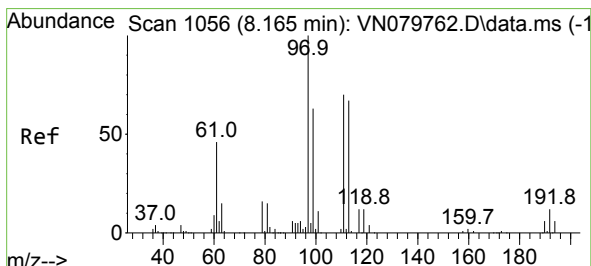
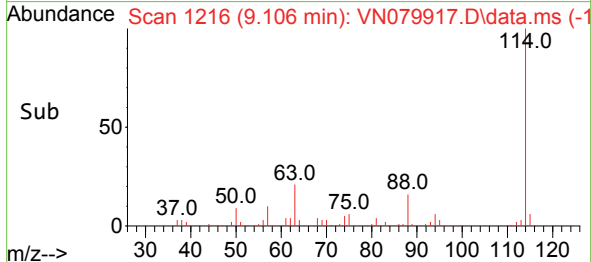
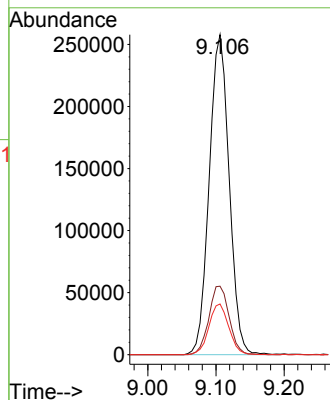
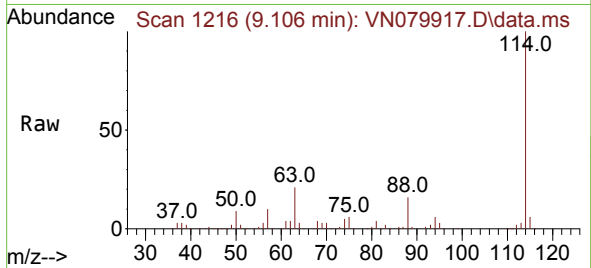




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

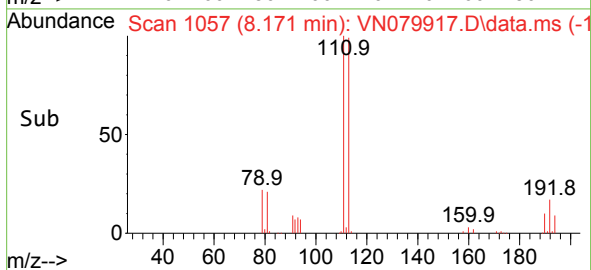
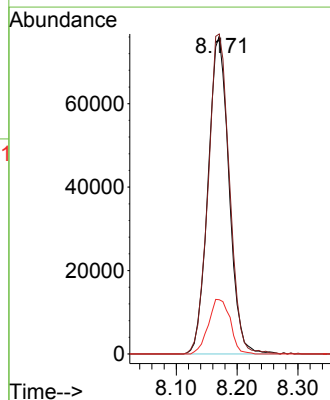
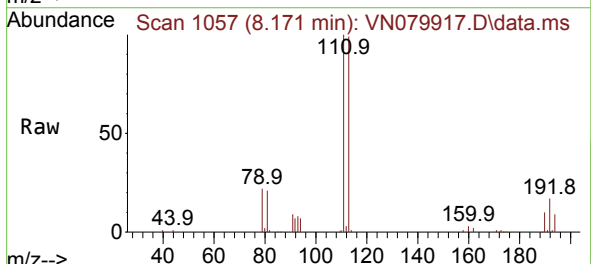
Instrument :
MSVOA_N
ClientSampleId :

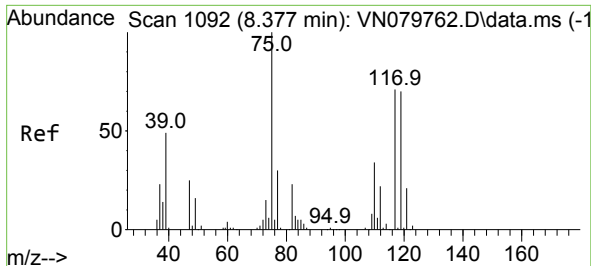
Tgt Ion:114 Resp: 525021
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.873 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion:113 Resp: 181607
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

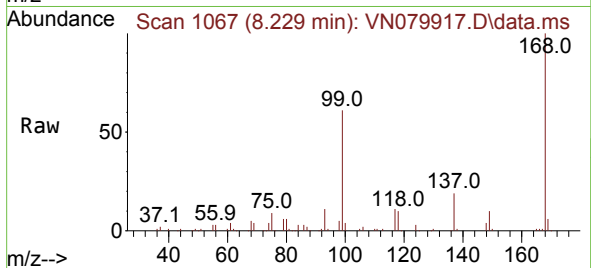
Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :



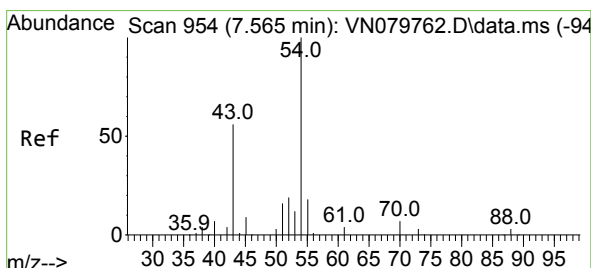
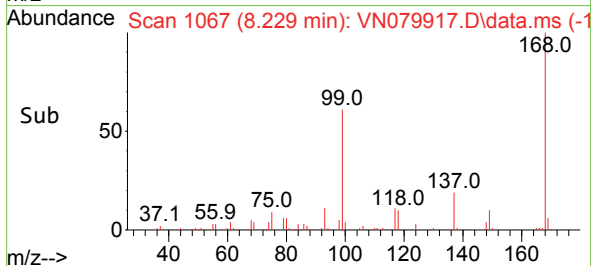
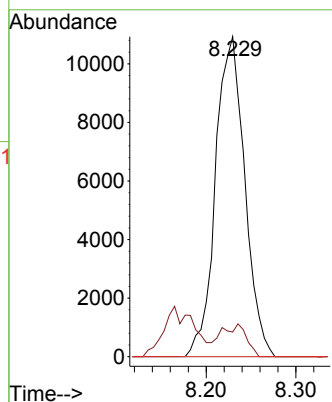
Tgt Ion: 75 Resp: 24729

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.427 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

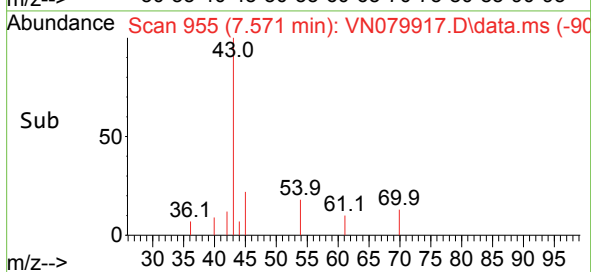
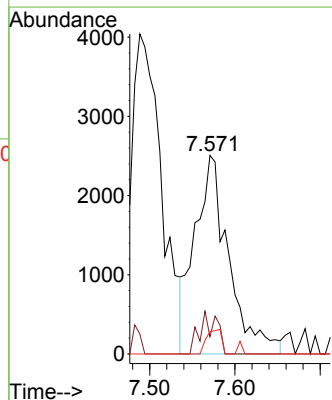
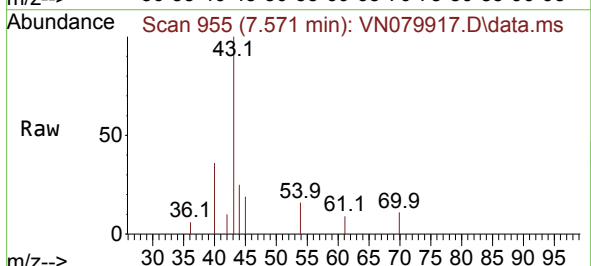
Tgt Ion: 43 Resp: 6945

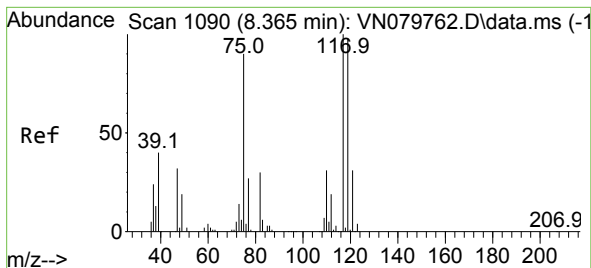
Ion Ratio Lower Upper

43 100

61 10.7 13.2 19.8#

70 5.4 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.213 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.129 min

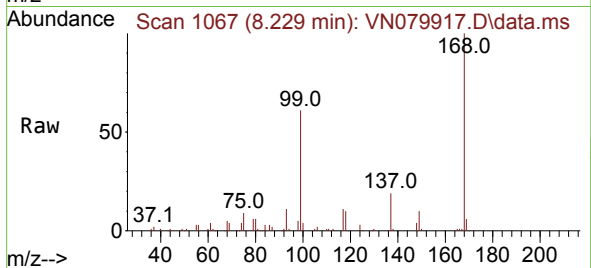
Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :



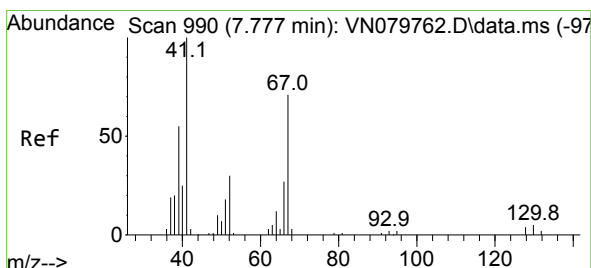
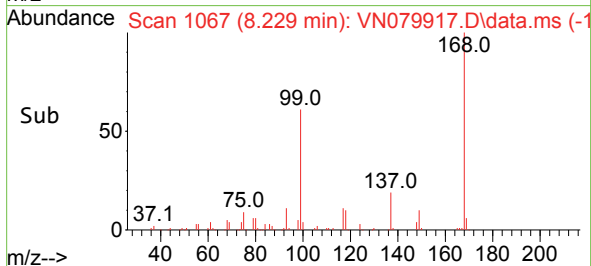
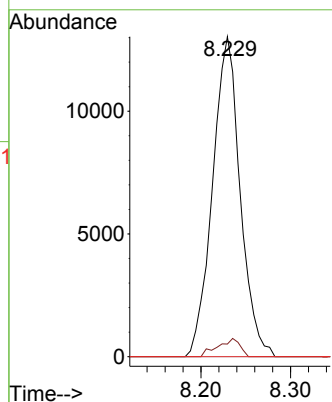
Tgt Ion:117 Resp: 27872

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#41

Methacrylonitrile

Concen: 0.211 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.082 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Tgt Ion: 41 Resp: 546

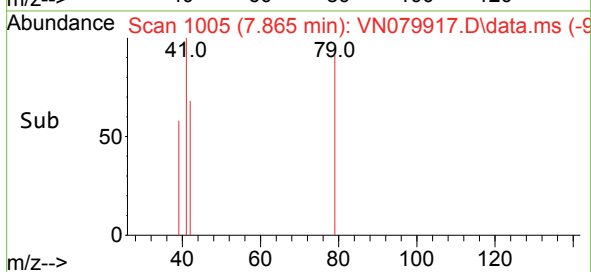
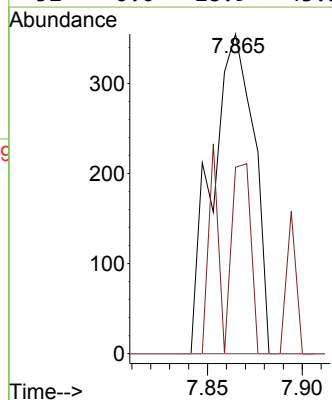
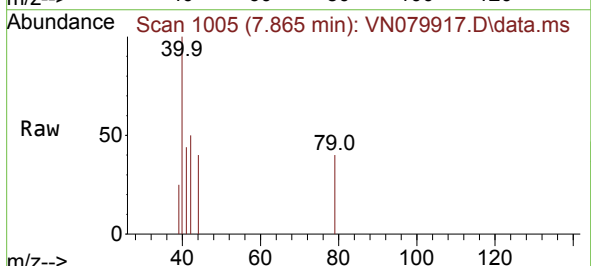
Ion Ratio Lower Upper

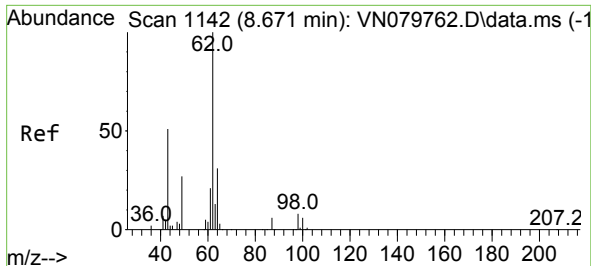
41 100

39 27.1 42.6 64.0#

67 0.0 77.5 116.3#

52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.370 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

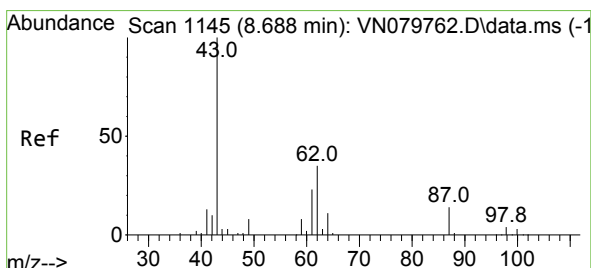
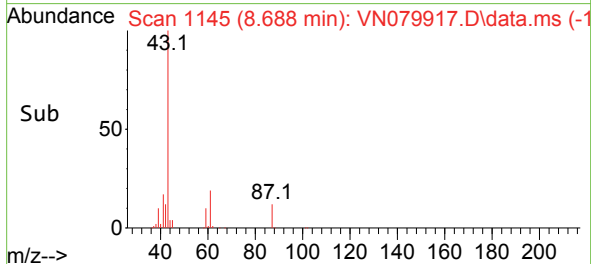
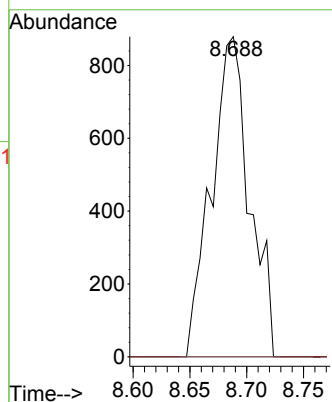
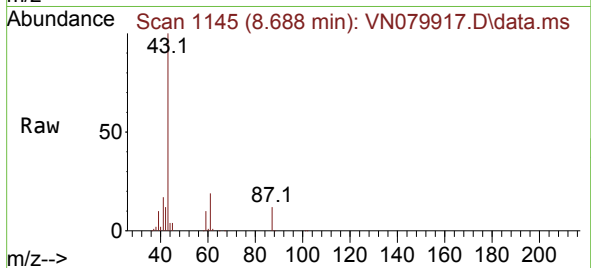
ClientSampleId :

Tgt Ion: 62 Resp: 2054

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 26.613 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

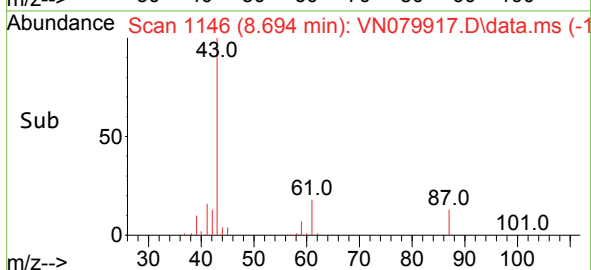
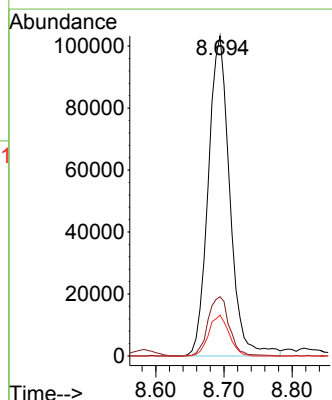
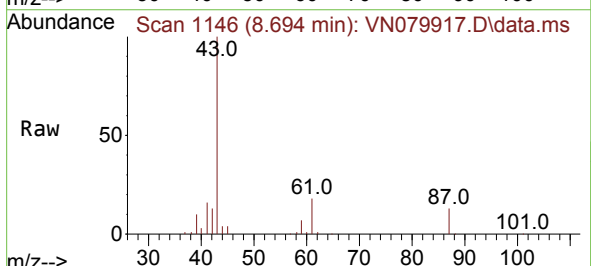
Tgt Ion: 43 Resp: 227096

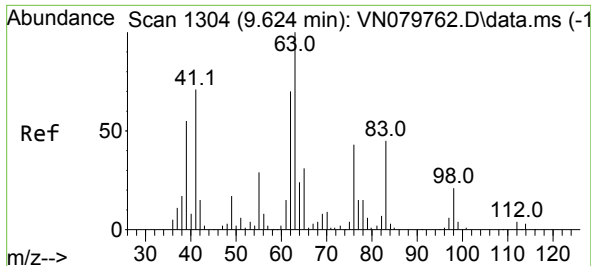
Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 12.0 14.6 21.8#

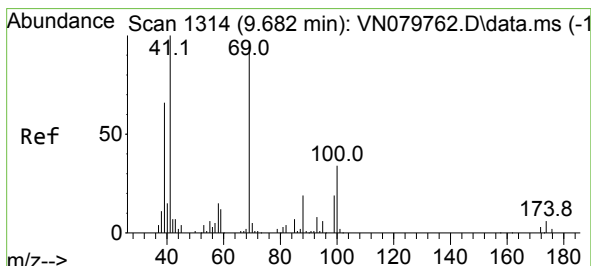
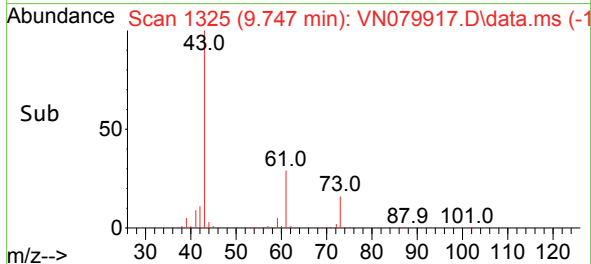
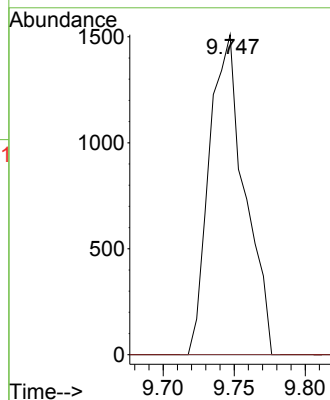
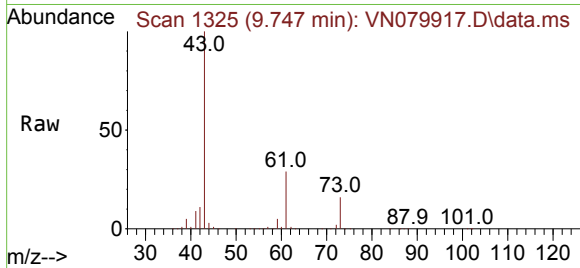




#45
1,2-Dichloropropane
Concen: 0.645 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.124 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

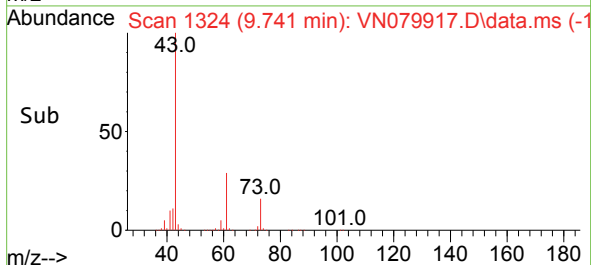
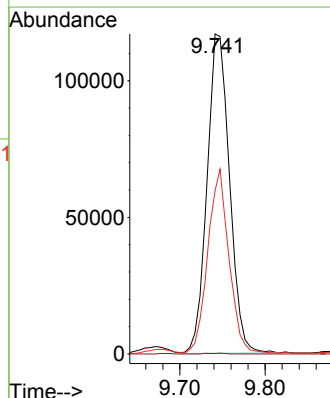
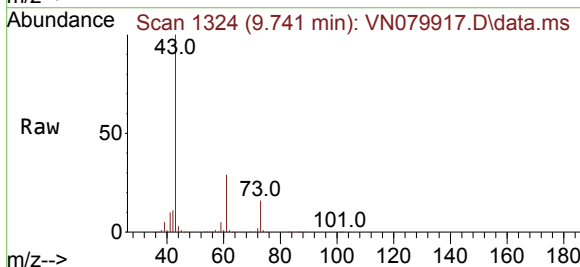
Instrument :
MSVOA_N
ClientSampleId :

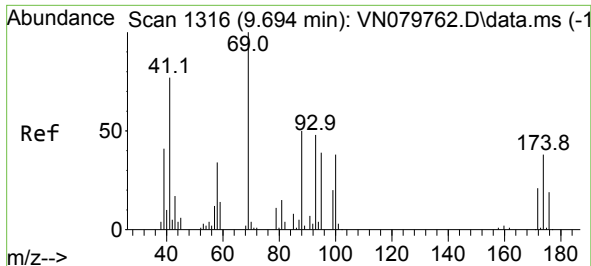
Tgt Ion: 63 Resp: 2619
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 57.464 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 41 Resp: 214783
Ion Ratio Lower Upper
41 100
69 0.2 90.4 135.6#
39 54.1 54.6 81.8#





#49

1,4-Dioxane

Concen: 5.375 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.047 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

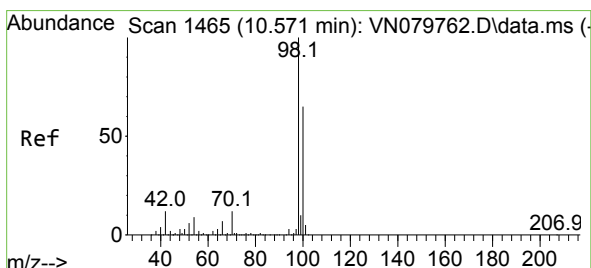
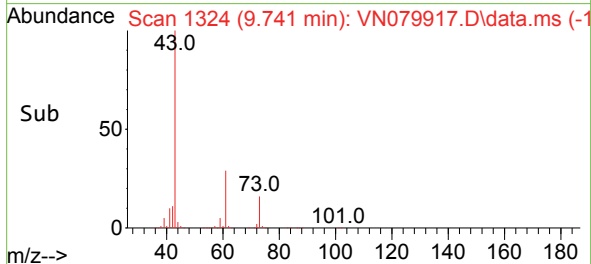
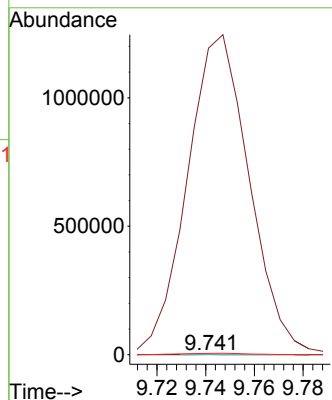
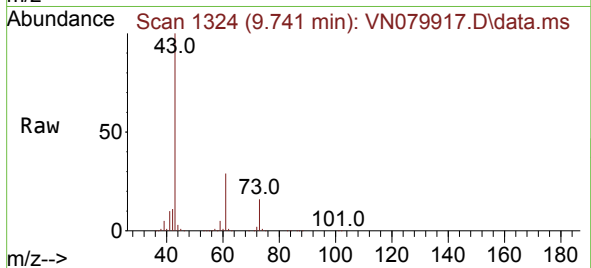
Tgt Ion: 88 Resp: 355

Ion Ratio Lower Upper

88 100

43 627919.4 17.0 25.6#

58 3119.2 47.0 70.4#



#50

Toluene-d8

Concen: 49.375 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079917.D

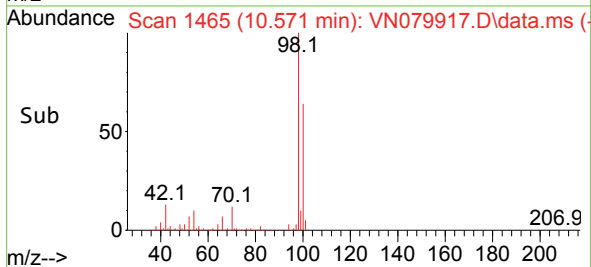
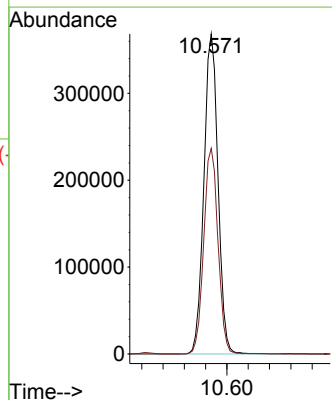
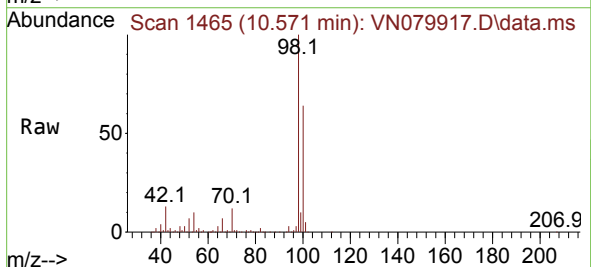
Acq: 06 Nov 2023 12:58

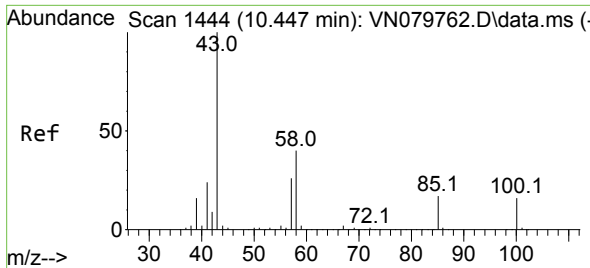
Tgt Ion: 98 Resp: 675420

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

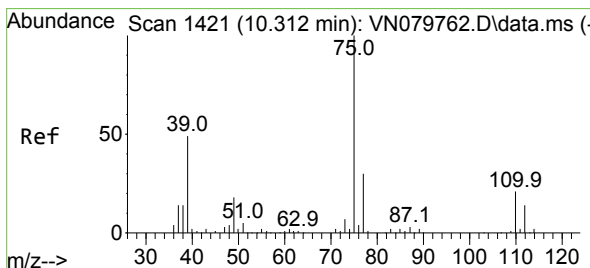
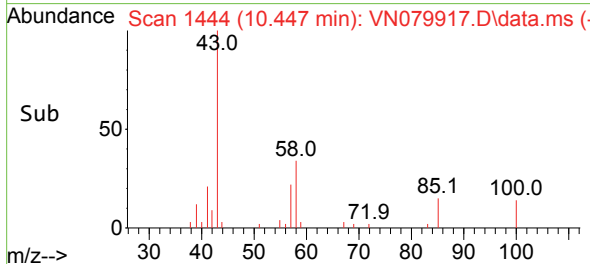
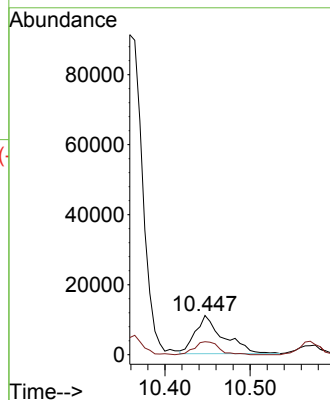
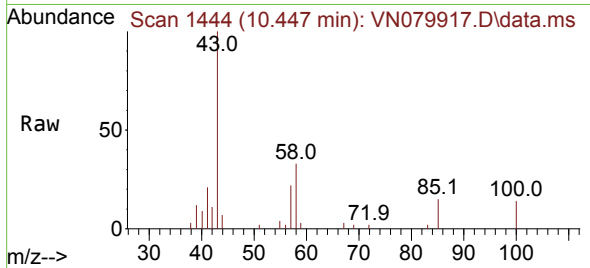




#51
4-Methyl-2-Pentanone
Concen: 5.186 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

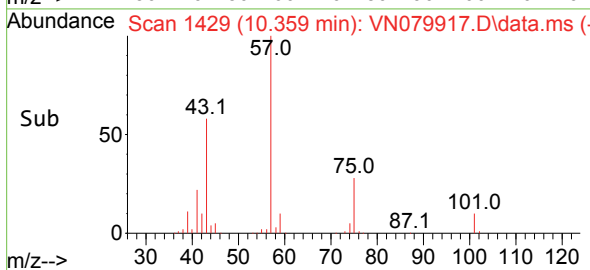
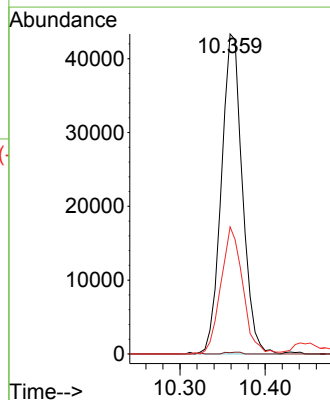
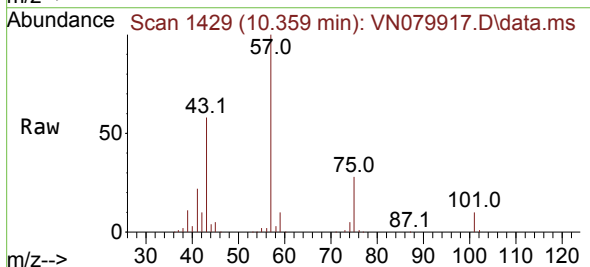
Instrument :
MSVOA_N
ClientSampleId :

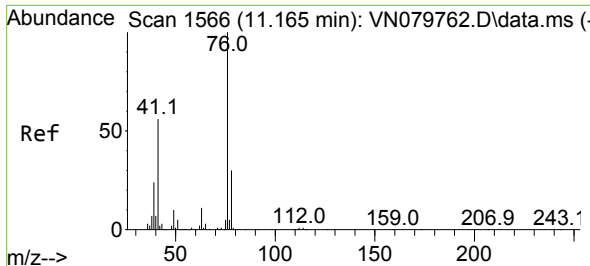
Tgt Ion: 43 Resp: 24916
Ion Ratio Lower Upper
43 100
58 29.9 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 11.745 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 75 Resp: 74218
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 39.7 31.6 47.4

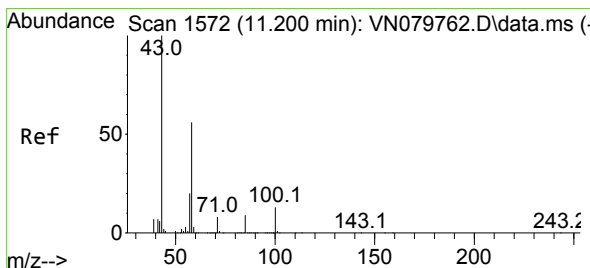
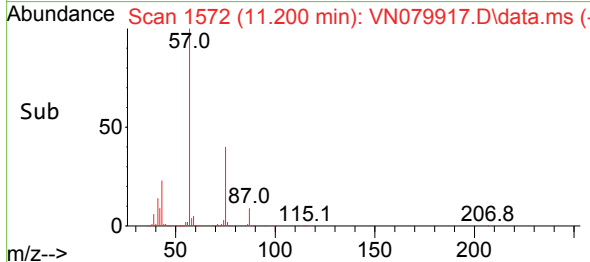
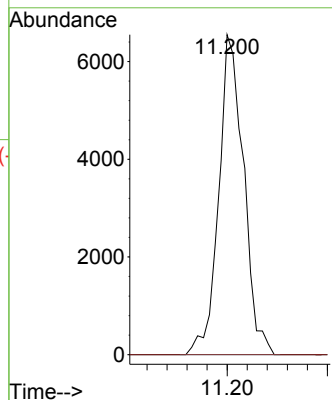
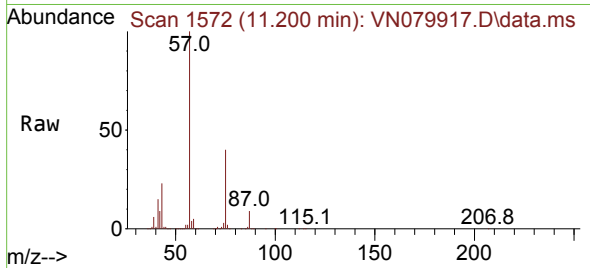




#57
1,3-Dichloropropane
Concen: 1.689 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

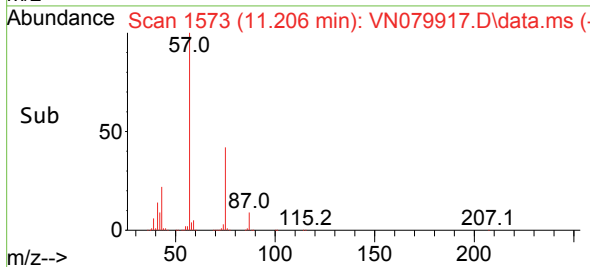
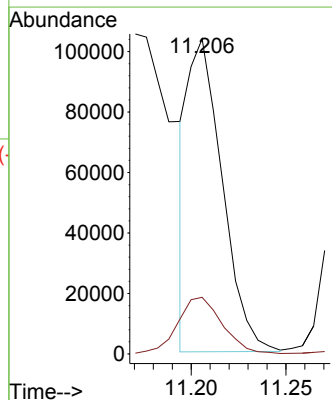
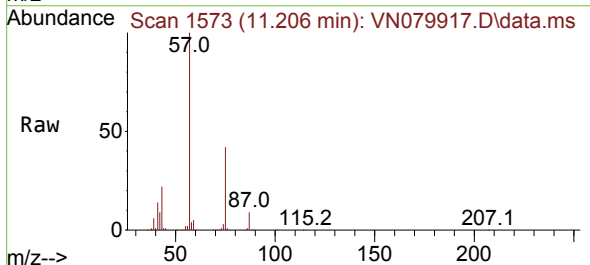
Instrument :
MSVOA_N
ClientSampleId :

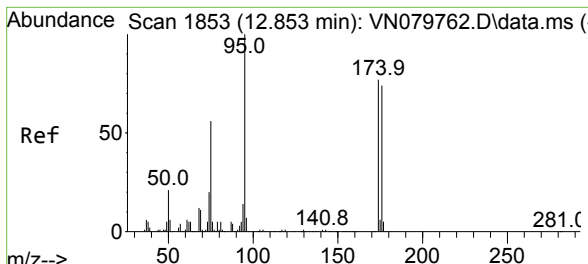
Tgt Ion: 76 Resp: 11278
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 35.408 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 43 Resp: 130131
Ion Ratio Lower Upper
43 100
58 23.8 31.7 95.1#

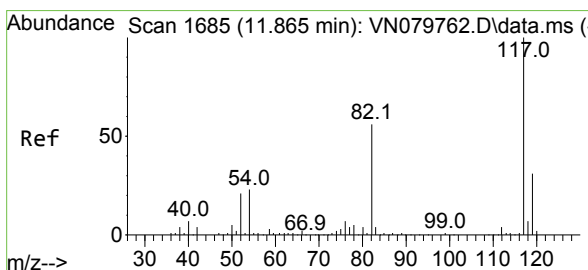
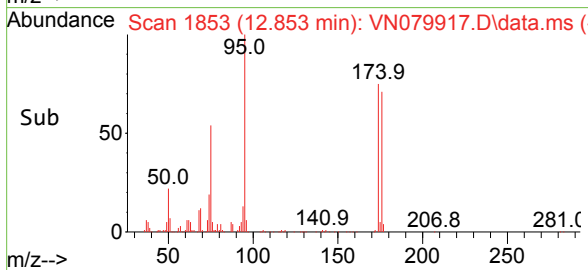
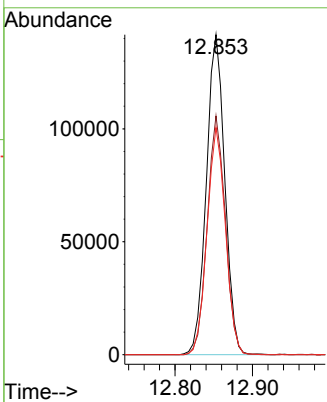
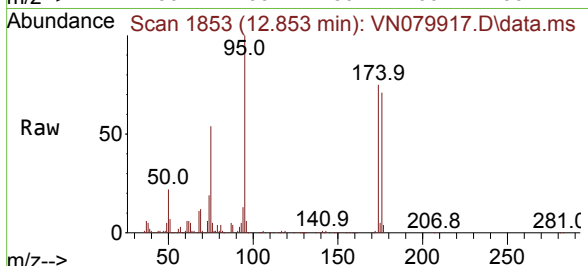




#62
4-Bromofluorobenzene
Concen: 51.657 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

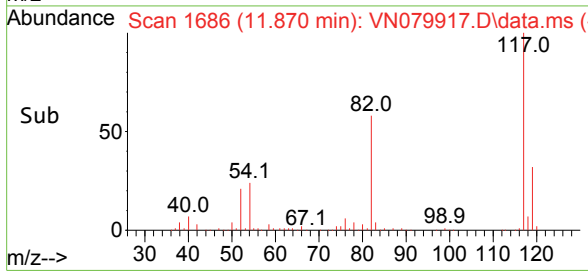
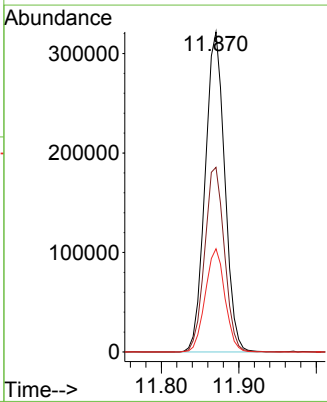
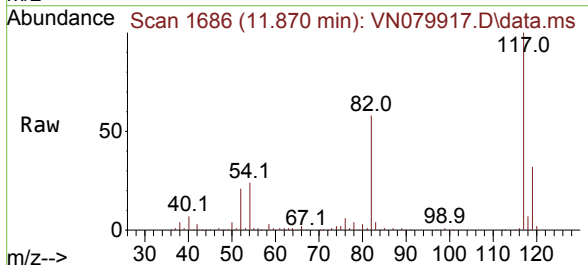
Instrument :
MSVOA_N
ClientSampleId :

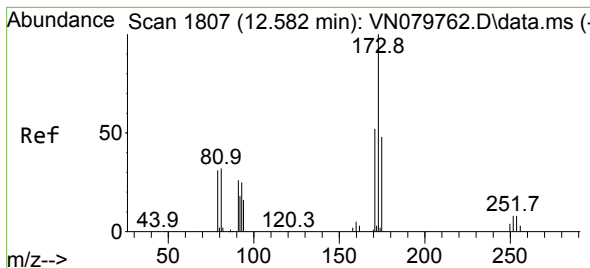
Tgt Ion:	95	Resp:	234357
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	143.8
176	70.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion:	117	Resp:	564058
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.0	66.0
119	32.3	25.6	38.4





#71

Bromoform

Concen: 0.280 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

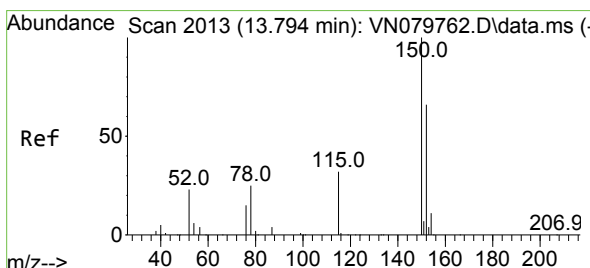
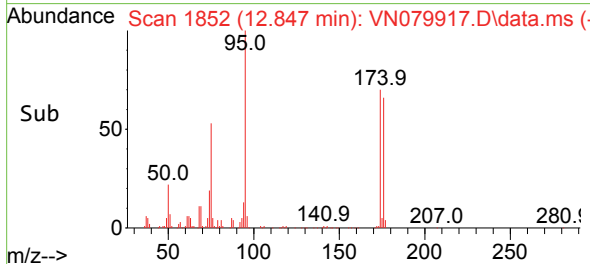
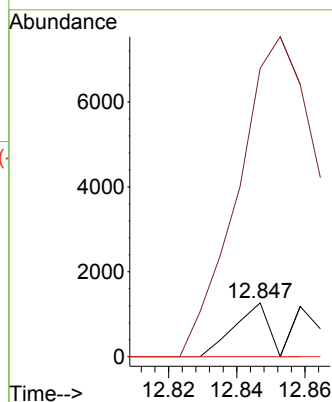
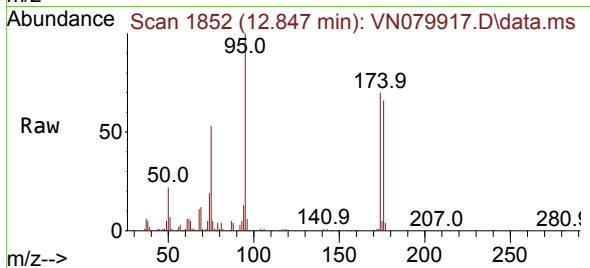
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 878

Ion	Ratio	Lower	Upper
173	100		
175	1132.6	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

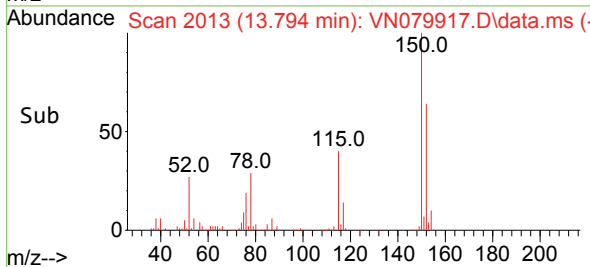
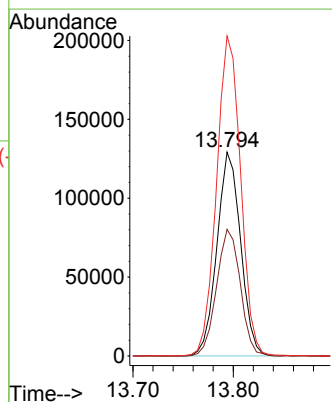
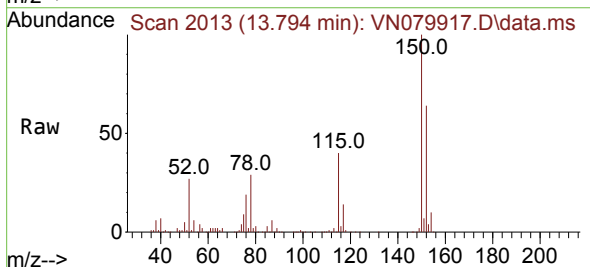
Delta R.T. 0.000 min

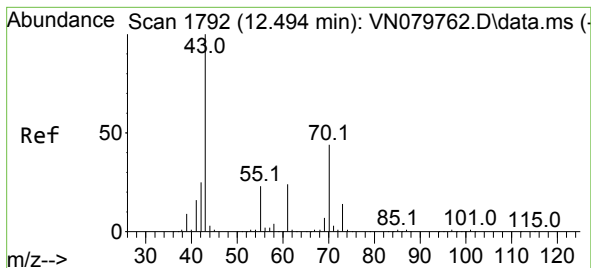
Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Tgt Ion:152 Resp: 212290

Ion	Ratio	Lower	Upper
152	100		
115	62.0	32.3	96.8
150	159.6	0.0	355.8





#74

N-amy1 acetate

Concen: 0.555 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

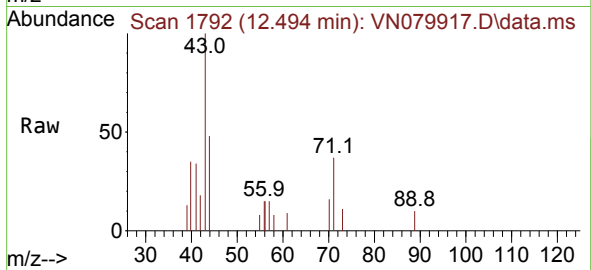
Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 3905

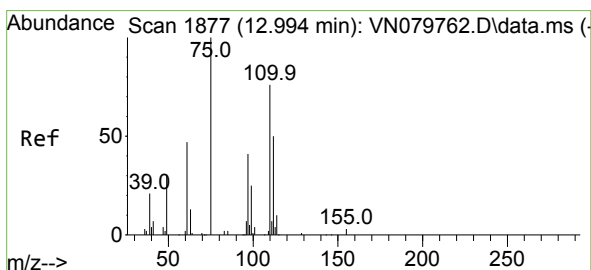
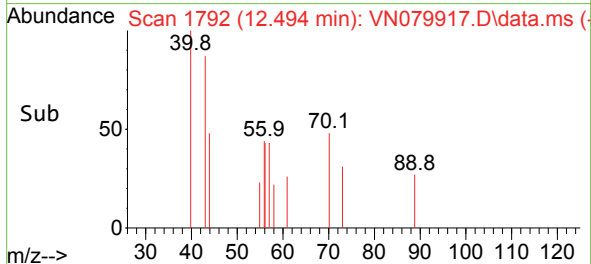
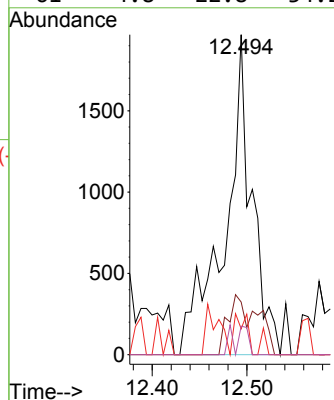
Ion Ratio Lower Upper

43 100

70 11.7 43.4 65.2#

55 6.0 21.4 32.0#

61 4.8 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 24.781 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079917.D

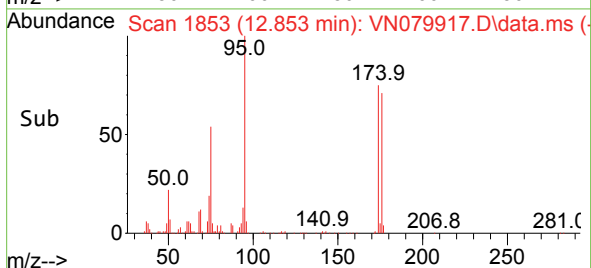
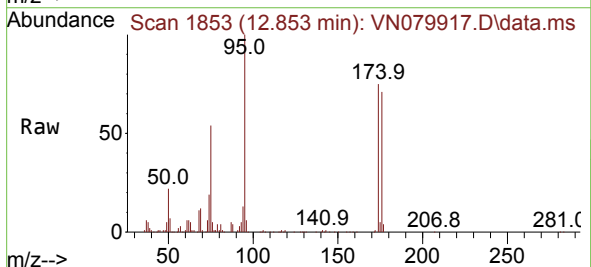
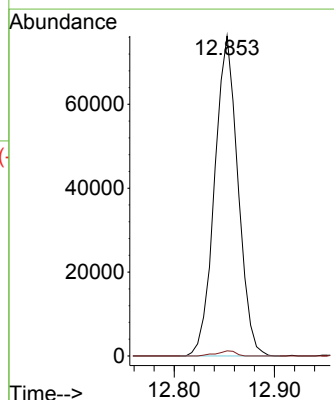
Acq: 06 Nov 2023 12:58

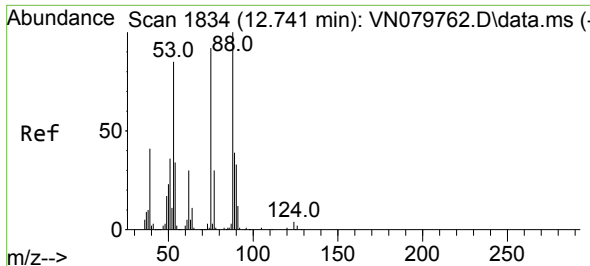
Tgt Ion: 75 Resp: 123505

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

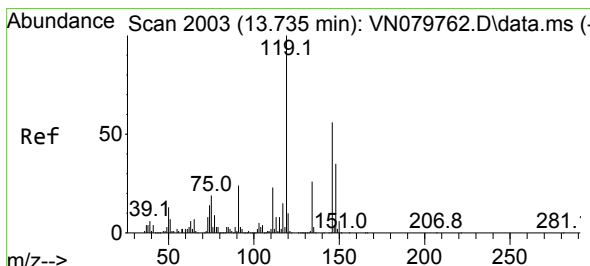
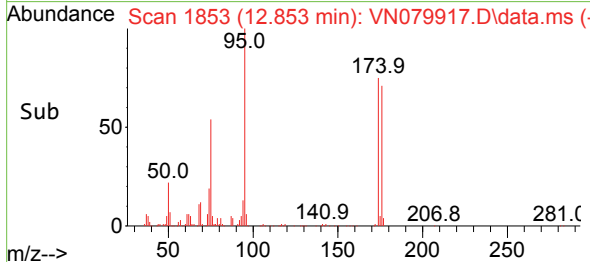
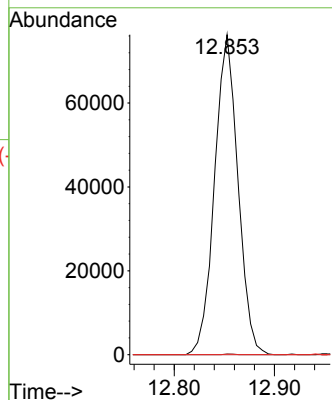
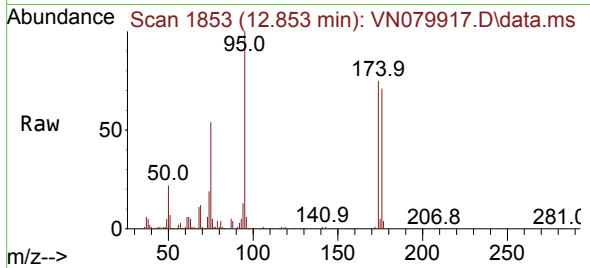




#81
trans-1,4-Dichloro-2-butene
Concen: 67.422 ug/l
RT: 12.853 min Scan# 1834
Delta R.T. 0.118 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

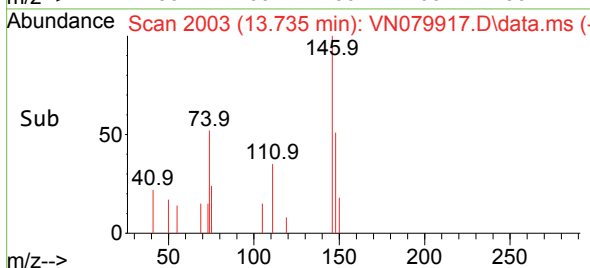
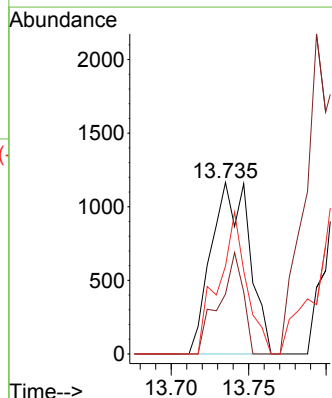
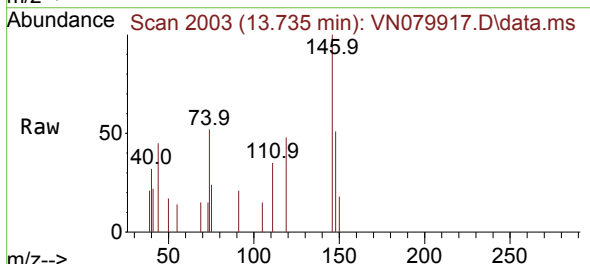
Instrument :
MSVOA_N
ClientSampleId :

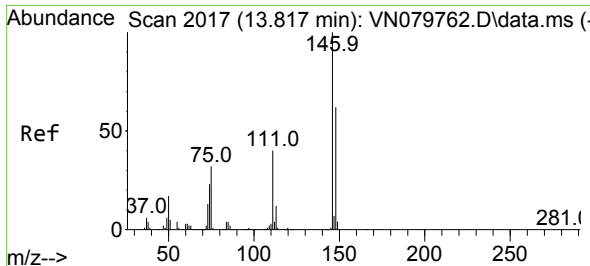
Tgt Ion: 75 Resp: 123505
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#87
1,3-Dichlorobenzene
Concen: 0.273 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

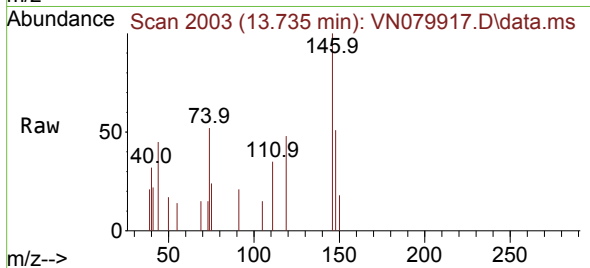
Tgt Ion:146 Resp: 2000
Ion Ratio Lower Upper
146 100
111 37.3 22.1 66.3
148 60.5 32.0 96.0





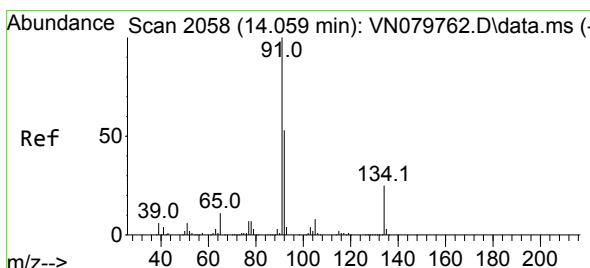
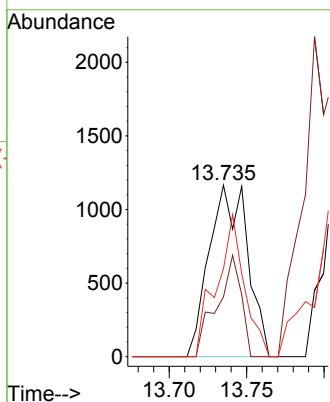
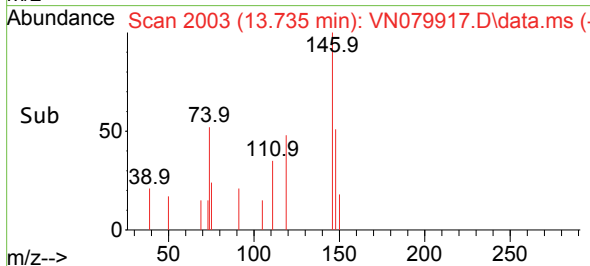
#88
 1,4-Dichlorobenzene
 Concen: 0.269 ug/l
 RT: 13.735 min Scan# 2017
 Delta R.T. -0.082 min
 Lab File: VN079917.D
 Acq: 06 Nov 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:146 Resp: 2000

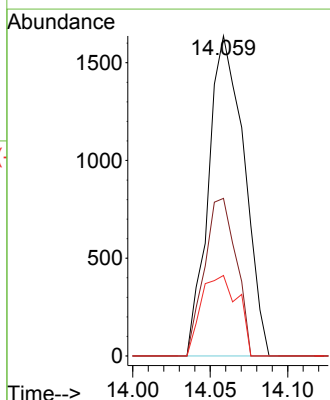
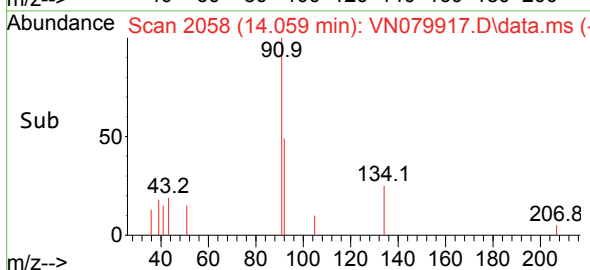
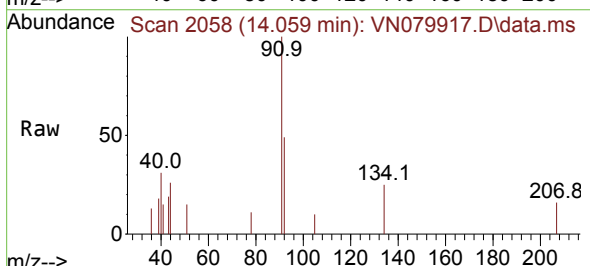
Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.6	61.8
148	60.5	31.6	94.8

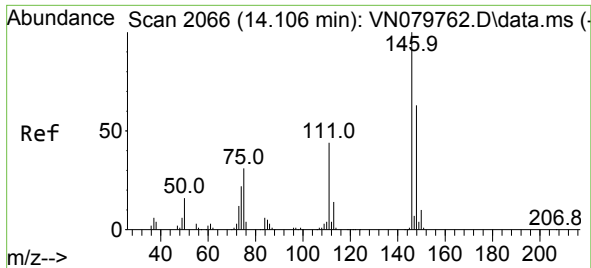


#89
 n-Butylbenzene
 Concen: 0.262 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN079917.D
 Acq: 06 Nov 2023 12:58

Tgt Ion: 91 Resp: 2617

Ion	Ratio	Lower	Upper
91	100		
92	43.9	26.4	79.0
134	26.0	12.6	37.6

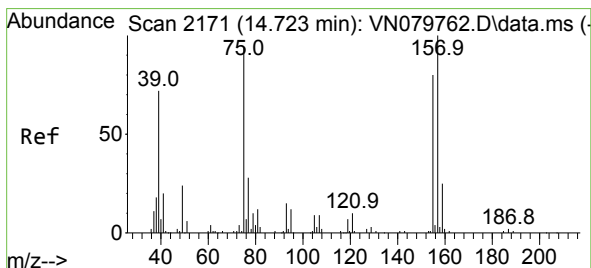
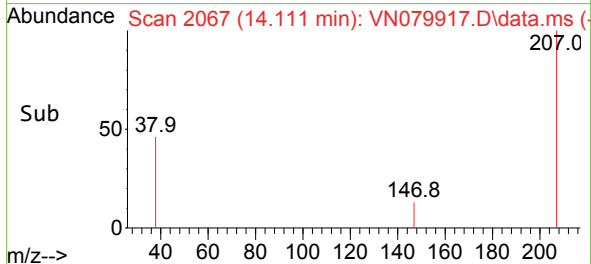
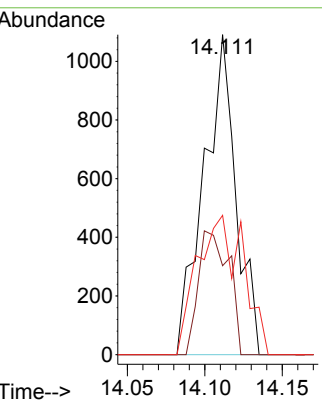
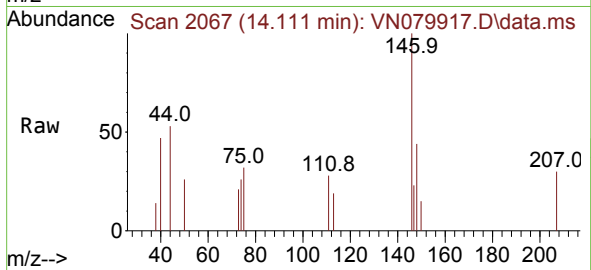




#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

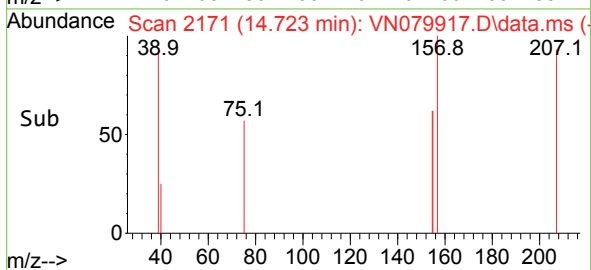
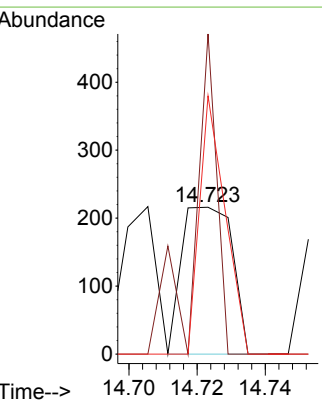
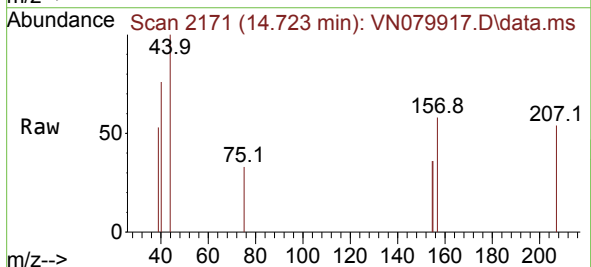
Instrument :
MSVOA_N
ClientSampleId :

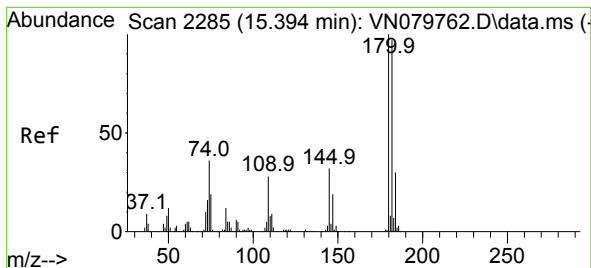
Tgt Ion:	146	Resp:	1569
Ion Ratio	Lower	Upper	
146	100		
111	36.7	22.0	66.0
148	62.1	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.230 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion:	75	Resp:	223
Ion Ratio	Lower	Upper	
75	100		
155	99.6	39.1	117.2
157	89.2	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.771 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079917.D

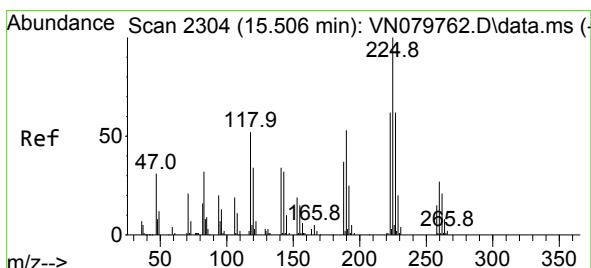
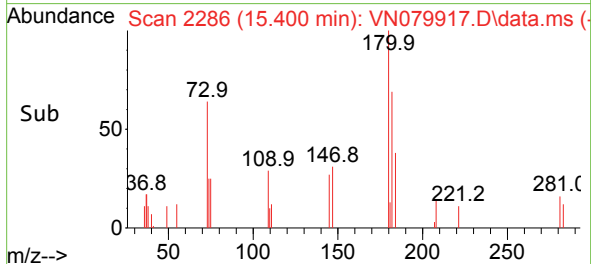
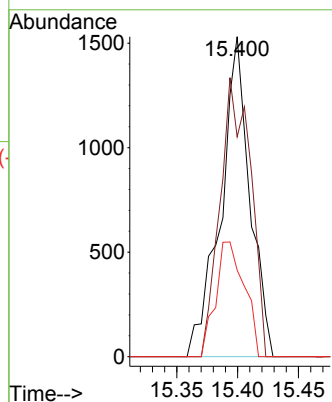
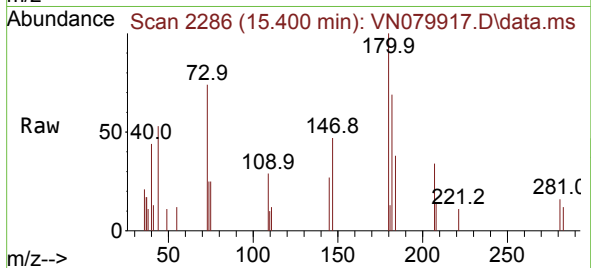
Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	2540
Ion Ratio	Lower	Upper	
180	100		
182	91.2	46.1	138.2
145	35.3	16.6	49.8



#94

Hexachlorobutadiene

Concen: 0.654 ug/l

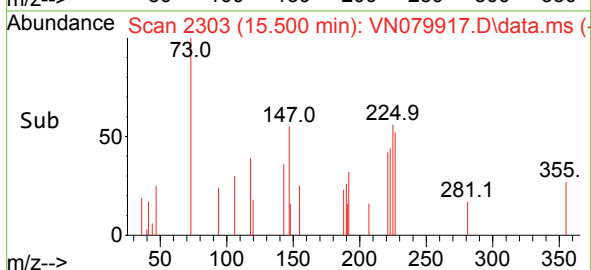
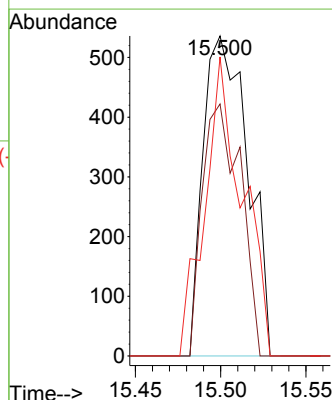
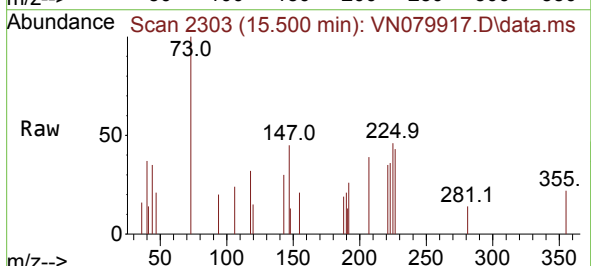
RT: 15.500 min Scan# 2303

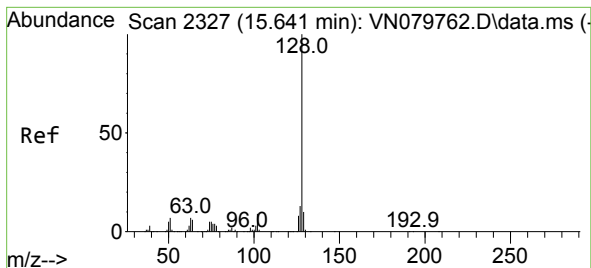
Delta R.T. -0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Tgt Ion:	225	Resp:	977
Ion Ratio	Lower	Upper	
225	100		
223	67.8	31.3	93.8
227	78.7	31.9	95.9





#95

Naphthalene

Concen: 0.937 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

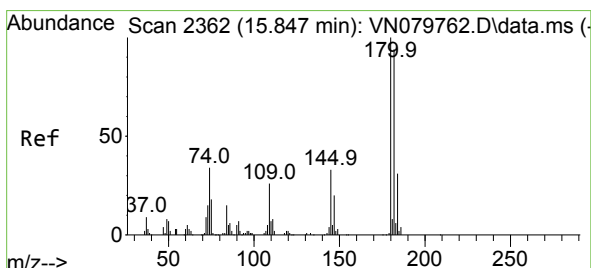
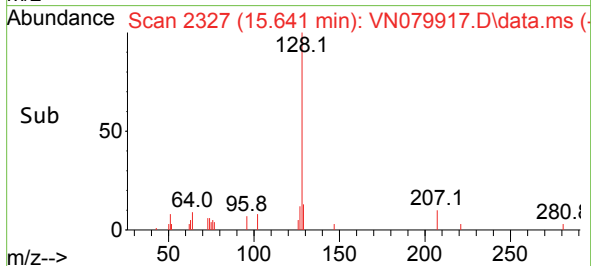
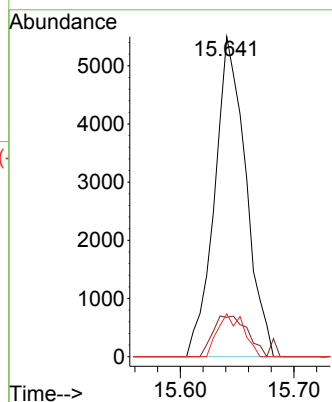
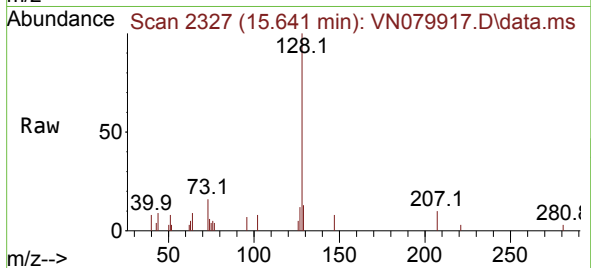
Tgt Ion:128 Resp: 10471

Ion Ratio Lower Upper

128 100

127 14.2 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.797 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Tgt Ion:180 Resp: 2572

Ion Ratio Lower Upper

180 100

182 48.2 46.2 138.6

145 33.5 17.5 52.6

