

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079209.D
 Acq On : 11 Sep 2023 10:34
 Operator : JC\MD
 Sample : VN0911WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.824	128	22597	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	118712	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	105086	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	53221	31.348	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.500%
60) 4-Bromofluorobenzene	12.853	95	45098	29.126	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.100%
63) Toluene-d8	10.571	98	149899	30.523	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.733%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	19523	15.491	ug/l	88
3) Chloromethane	2.365	50	27240	21.555	ug/l	95
4) Vinyl Chloride	2.518	62	30988	24.785	ug/l	92
5) Bromomethane	2.959	94	13524	17.624	ug/l	87
6) Chloroethane	3.124	64	22418	29.277	ug/l #	87
7) Trichlorofluoromethane	3.501	101	47118	31.655	ug/l	99
8) Diethyl Ether	3.965	74	16089	29.480	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	24970	30.441	ug/l	98
10) 1,1-Dichloroethene	4.348	96	24144	30.377	ug/l	95
11) Methyl Iodide	4.589	142	17053	17.033	ug/l	98
12) Methyl Acetate	5.030	43	51166	27.624	ug/l	96
13) Acrolein	4.183	56	23139	137.163	ug/l	97
14) Acrylonitrile	5.724	53	68564	126.173	ug/l	99
15) Acetone	4.436	58	21811	153.862	ug/l	99
16) Carbon Disulfide	4.718	76	64668	27.535	ug/l	98
17) Allyl chloride	5.024	41	34266	26.830	ug/l	95
18) Methylene Chloride	5.289	84	29340	27.523	ug/l	92
19) trans-1,2-Dichloroethene	5.789	96	26483	26.632	ug/l	97
20) Diisopropyl ether	6.677	45	81456	21.364	ug/l #	90
21) 1,1-Dichloroethane	6.577	63	51246	22.943	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	30429	19.566	ug/l	99
23) tert-Butyl Alcohol	5.530	59	23735	113.539	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	82857	26.414	ug/l	99
25) Chloroform	7.971	83	53566	19.888	ug/l	98
26) Cyclohexane	8.259	56	33706	16.641	ug/l #	95
29) 1,1-Dichloropropene	8.377	75	35319	18.557	ug/l	98
30) 2-Butanone	7.489	43	90331	94.357	ug/l	100
31) 2,2-Dichloropropane	7.500	77	41964	22.104	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	44744	19.954	ug/l	99
33) Carbon Tetrachloride	8.371	117	39383	20.446	ug/l	94
34) Benzene	8.612	78	109926	18.178	ug/l	98
35) Methacrylonitrile	7.783	41	19915	19.320	ug/l	96
36) 1,2-Dichloroethane	8.677	62	40209	20.161	ug/l	98
37) Trichloroethene	9.359	130	27794	19.445	ug/l	97
38) Methylcyclohexane	9.606	83	34162	17.954	ug/l	97
39) 1,2-Dichloropropane	9.624	63	29297	18.782	ug/l #	88
40) Dibromomethane	9.718	93	19879	19.325	ug/l	96
41) Bromodichloromethane	9.894	83	41358	20.169	ug/l	95
42) Vinyl Acetate	6.612	43	243463	107.085	ug/l	100

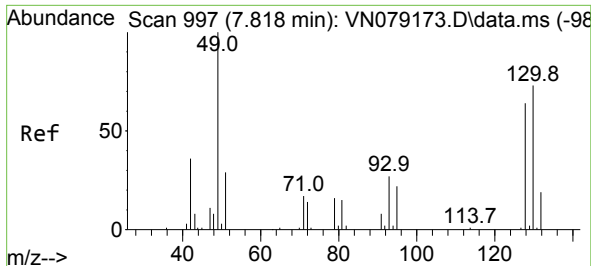
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 QLast Update : Fri Sep 08 05:09:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	34506	18.979	ug/l	100
44) Isopropyl Acetate	8.694	43	56020	17.128	ug/l	97
45) 1,4-Dioxane	9.694	88	10361	318.250	ug/l	93
46) Methyl methacrylate	9.683	41	26603	18.206	ug/l	93
47) n-amyl Acetate	12.500	43	39544	17.192	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	41014	18.487	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	45178	19.523	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	27363	18.961	ug/l	96
51) Ethyl methacrylate	10.883	69	37378	16.771	ug/l	94
52) 1,3-Dichloropropane	11.165	76	46893	19.033	ug/l	99
53) Dibromochloromethane	11.365	129	30532	20.172	ug/l	99
54) 1,2-Dibromoethane	11.477	107	26924	18.373	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	73231	92.473	ug/l	99
56) Bromoform	12.582	173	20960	19.873	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	174638	90.562	ug/l	97
59) 2-Hexanone	11.200	43	123677	91.322	ug/l	97
61) Tetrachloroethene	11.106	164	22516	19.691	ug/l	94
62) Toluene	10.635	91	118839	19.422	ug/l	98
64) Chlorobenzene	11.894	112	68190	19.104	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	28433	20.806	ug/l	96
66) Ethyl Benzene	11.965	91	118770	19.279	ug/l	98
67) m/p-Xylenes	12.077	106	92617	39.954	ug/l	97
68) o-Xylene	12.406	106	45166	20.203	ug/l	96
69) Styrene	12.418	104	72815	20.421	ug/l	98
70) Isopropylbenzene	12.700	105	111005	19.535	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	39383	18.527	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	47094	26.330	ug/l	98
73) Bromobenzene	12.982	156	27233	19.185	ug/l	95
74) n-propylbenzene	13.041	91	124246	19.190	ug/l	99
75) 2-Chlorotoluene	13.129	91	78633	18.941	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	91373	19.447	ug/l	100
77) t-1,4-Dichloro-2-butene	12.747	75	11088	17.608	ug/l	93
78) 4-Chlorotoluene	13.229	91	74270	18.946	ug/l	98
79) tert-butylbenzene	13.441	119	75083	19.469	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	88287	19.676	ug/l	100
81) sec-Butylbenzene	13.624	105	100167	18.983	ug/l	98
82) p-Isopropyltoluene	13.735	119	78346	18.797	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	43019	19.083	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	40676	19.240	ug/l	99
85) n-Butylbenzene	14.065	91	58150	18.318	ug/l	99
86) Hexachloroethane	14.335	117	15599	18.902	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	42513	19.110	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	5797	16.134	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	16225	17.044	ug/l	96
90) Hexachlorobutadiene	15.506	225	11502	19.891	ug/l	98
91) Naphthalene	15.647	128	35740	14.367	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	16225	17.044	ug/l	96

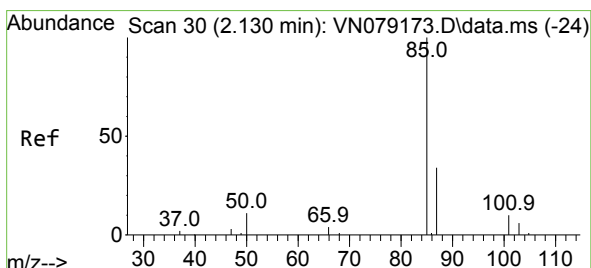
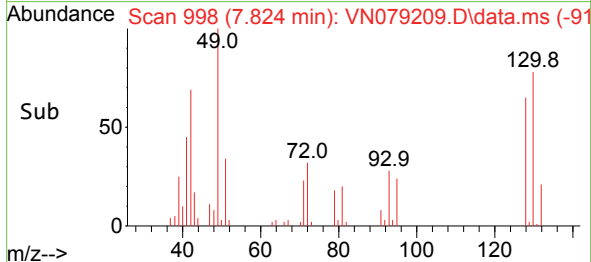
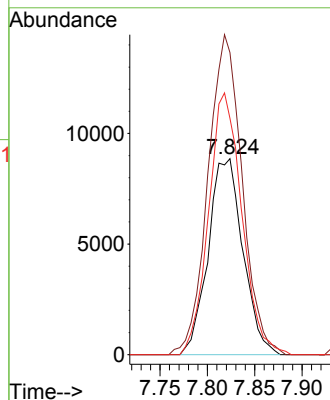
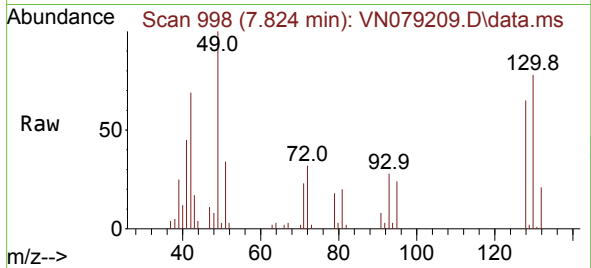
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

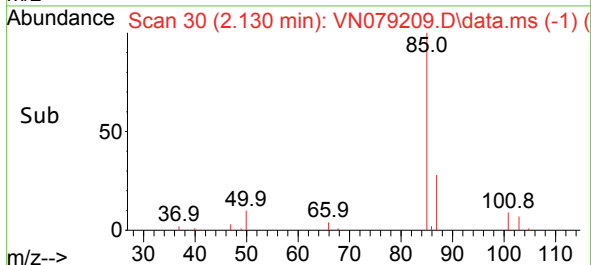
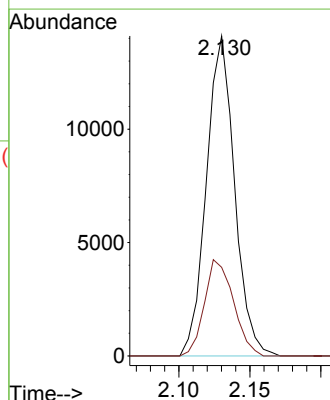
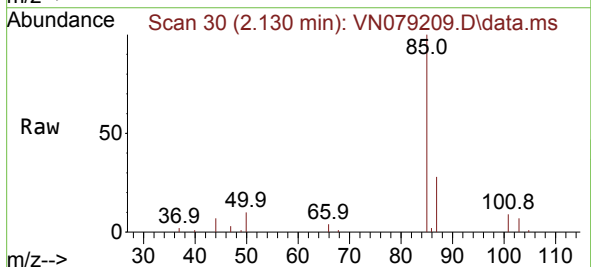
Instrument :
MSVOA_N
ClientSampleId :

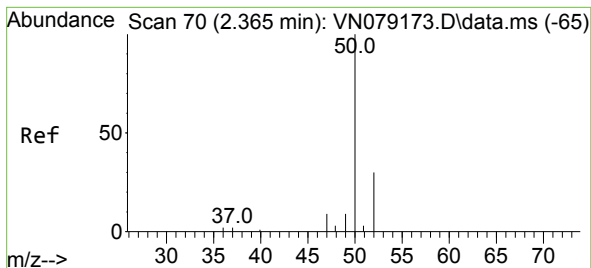
Tgt Ion:128 Resp: 22597
Ion Ratio Lower Upper
128 100
49 160.5 0.0 414.3
130 128.4 0.0 311.0



#2
Dichlorodifluoromethane
Concen: 15.491 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 85 Resp: 19523
Ion Ratio Lower Upper
85 100
87 27.7 17.3 51.7





#3

Chloromethane

Concen: 21.555 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

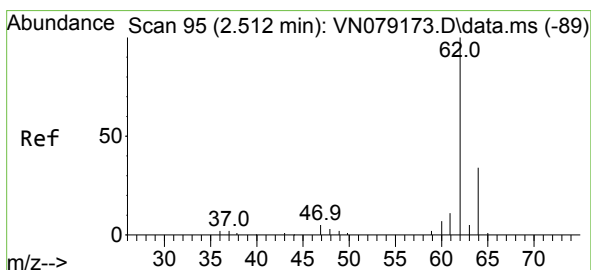
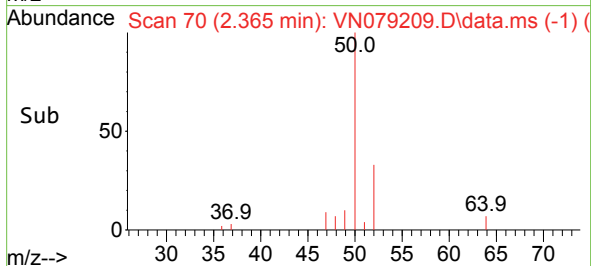
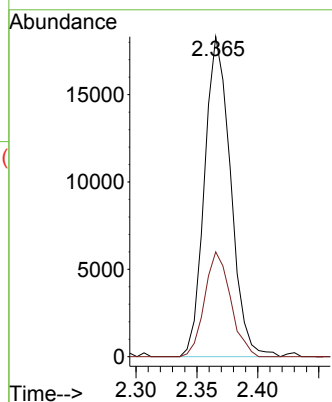
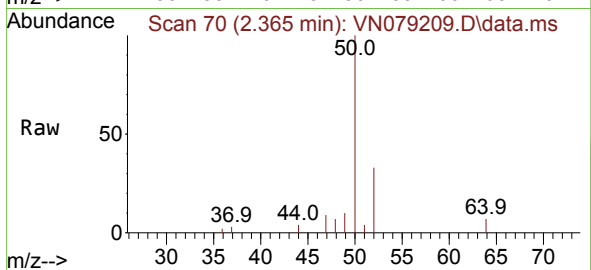
ClientSampleId :

Tgt Ion: 50 Resp: 27240

Ion Ratio Lower Upper

50 100

52 32.7 24.0 36.0



#4

Vinyl Chloride

Concen: 24.785 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079209.D

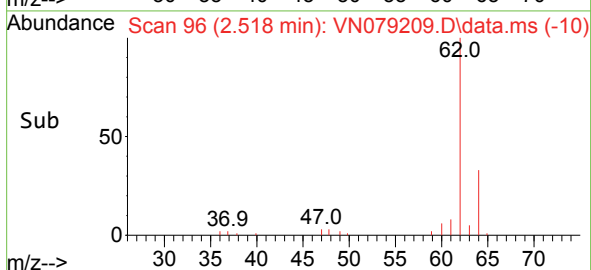
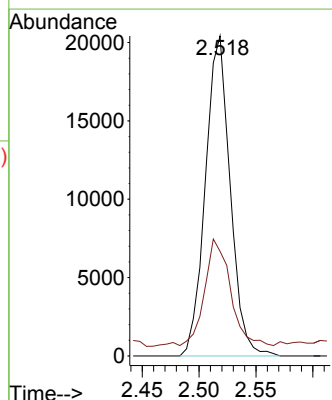
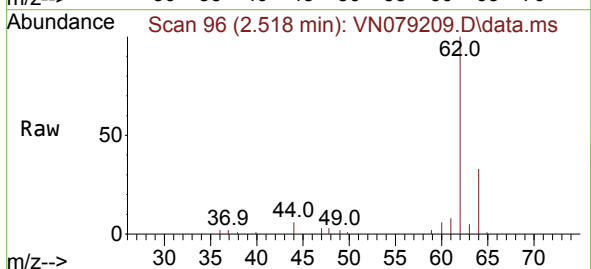
Acq: 11 Sep 2023 10:34

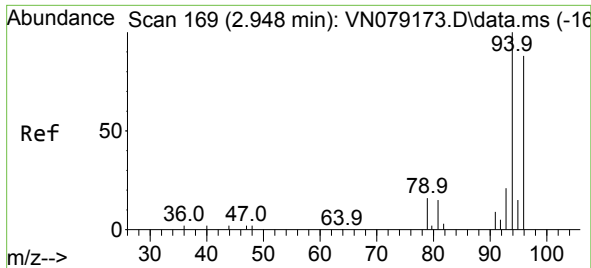
Tgt Ion: 62 Resp: 30988

Ion Ratio Lower Upper

62 100

64 29.4 27.1 40.7

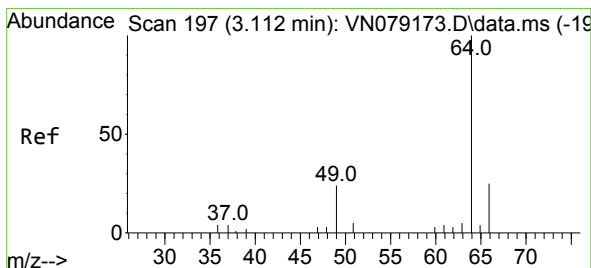
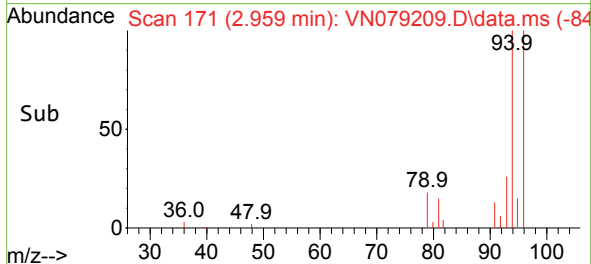
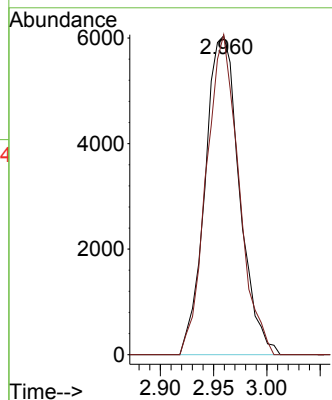
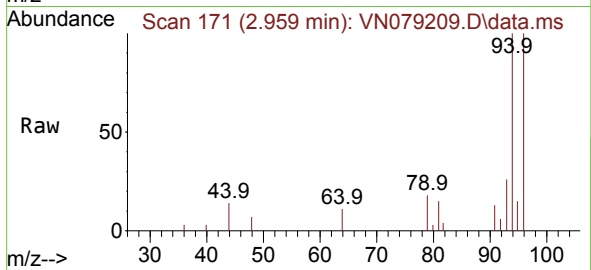




#5
Bromomethane
Concen: 17.624 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

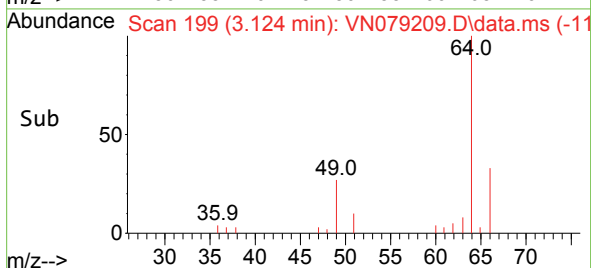
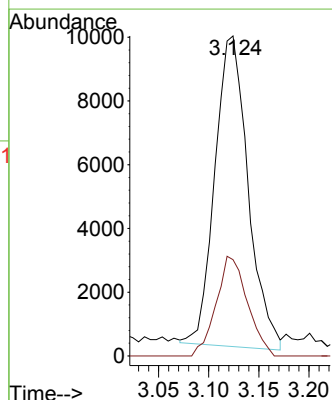
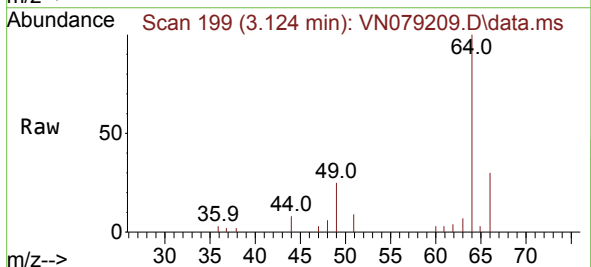
Instrument :
MSVOA_N
ClientSampleId :

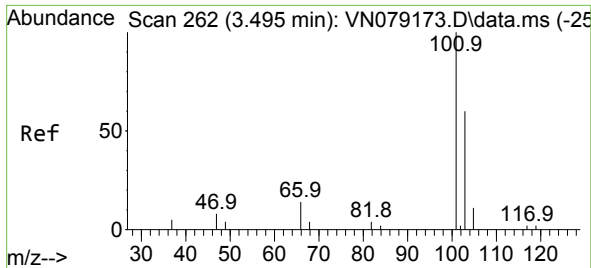
Tgt Ion: 94 Resp: 13524
Ion Ratio Lower Upper
94 100
96 100.3 70.6 105.8



#6
Chloroethane
Concen: 29.277 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 64 Resp: 22418
Ion Ratio Lower Upper
64 100
66 31.6 20.1 30.1#

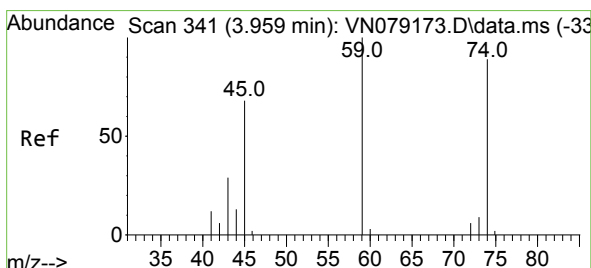
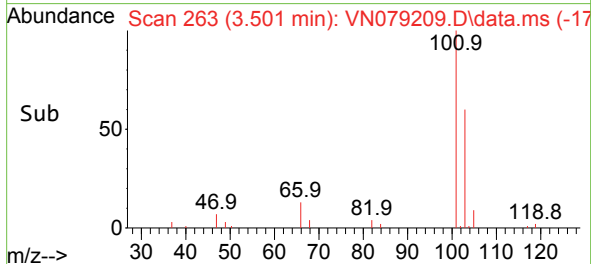
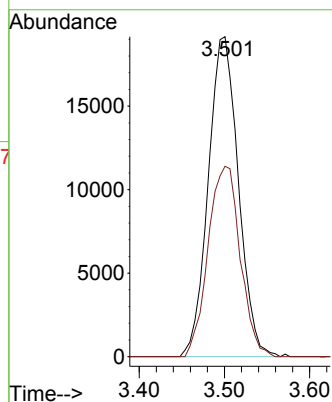
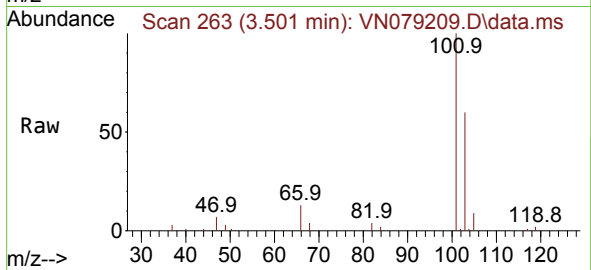




#7
 Trichlorofluoromethane
 Concen: 31.655 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

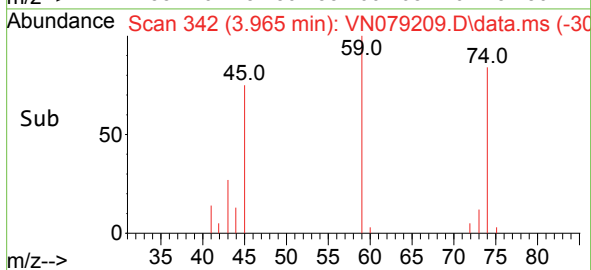
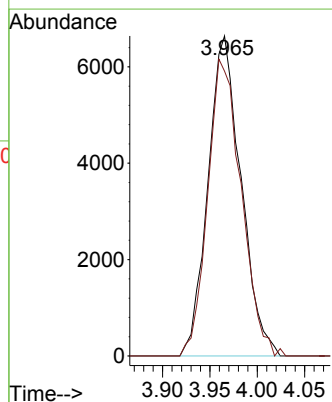
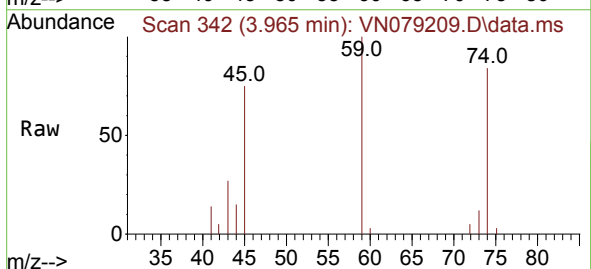
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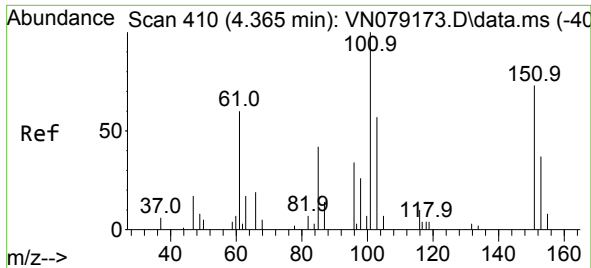
Tgt Ion:101 Resp: 47118
 Ion Ratio Lower Upper
 101 100
 103 59.5 48.2 72.4



#8
 Diethyl Ether
 Concen: 29.480 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Tgt Ion: 74 Resp: 16089
 Ion Ratio Lower Upper
 74 100
 45 93.8 17.6 158.0

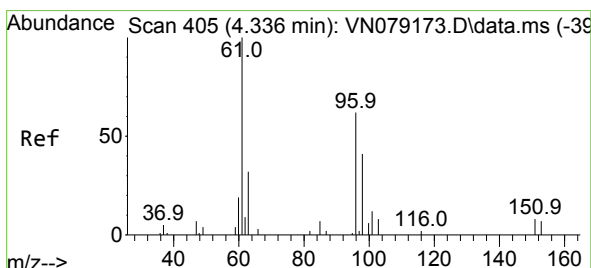
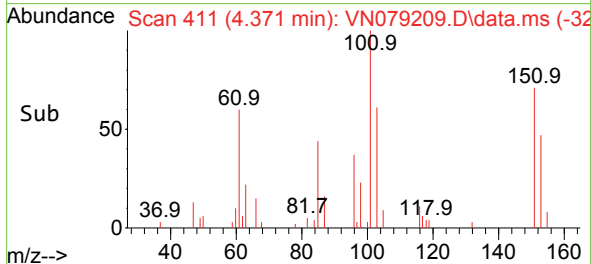
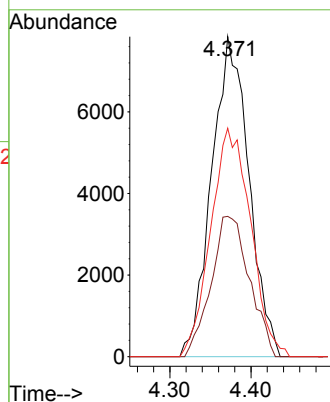
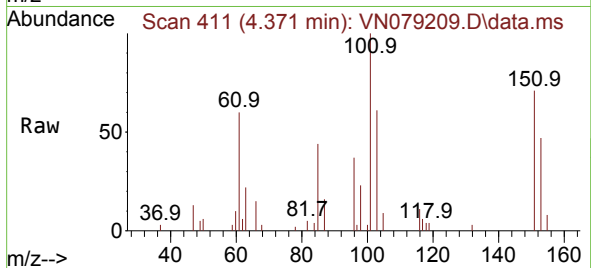




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 30.441 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

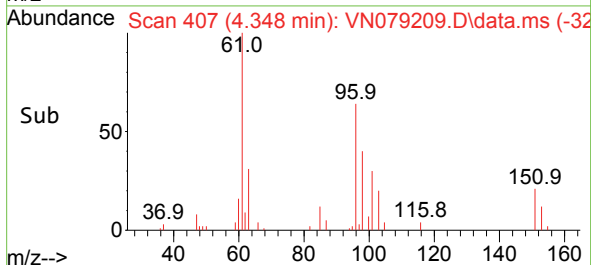
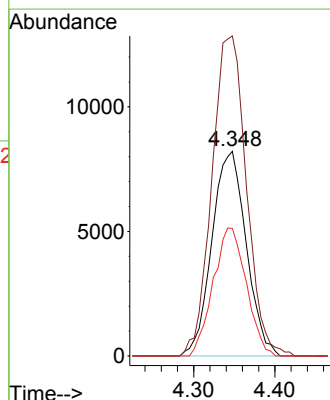
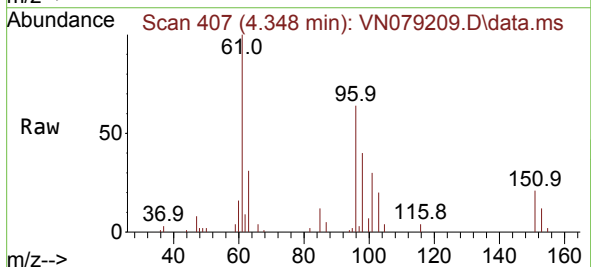
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 MSVOA_N
 ClientSampleId :

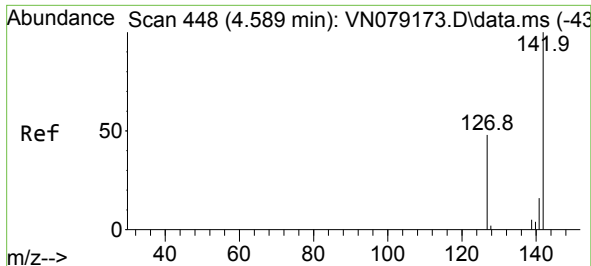
Tgt Ion:101 Resp: 24970
 Ion Ratio Lower Upper
 101 100
 85 45.3 0.0 85.6
 151 76.6 0.0 155.8



#10
 1,1-Dichloroethene
 Concen: 30.377 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.012 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

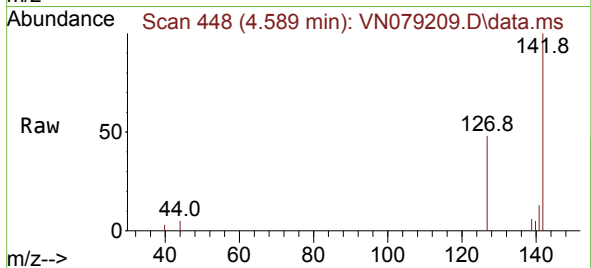
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 Ion Ratio Lower Upper
 96 100
 61 156.3 130.2 195.2
 98 62.3 52.3 78.5



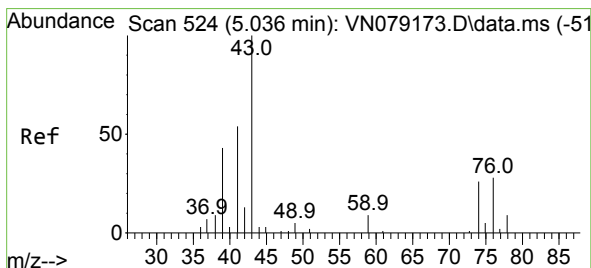
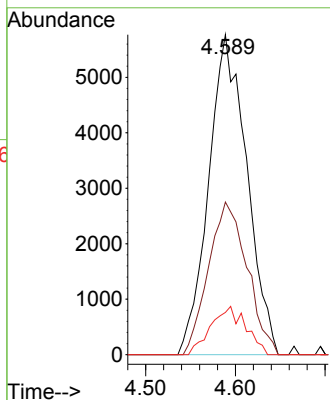
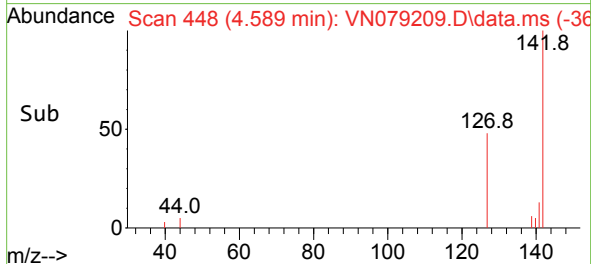


#11
Methyl Iodide
Concen: 17.033 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

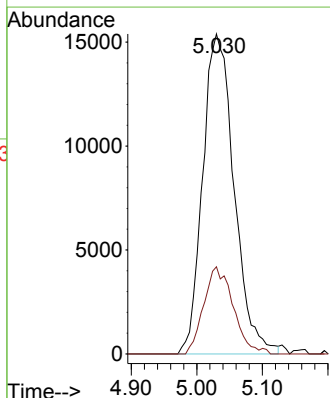
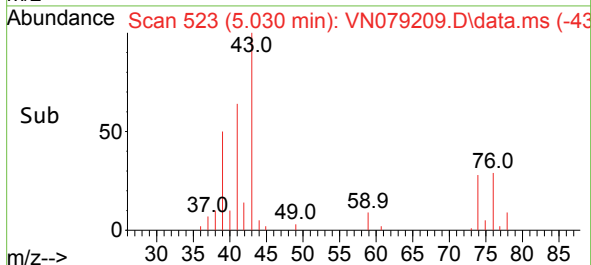
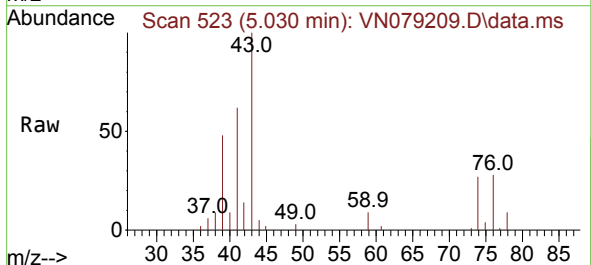


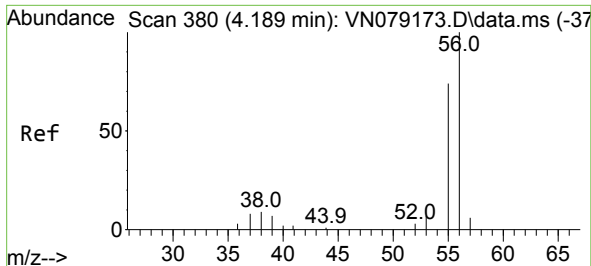
Tgt Ion:142 Resp: 17053
Ion Ratio Lower Upper
142 100
127 47.7 23.8 71.4
141 13.2 8.2 24.6



#12
Methyl Acetate
Concen: 27.624 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 43 Resp: 51166
Ion Ratio Lower Upper
43 100
74 27.6 20.4 30.6





#13

Acrolein

Concen: 137.163 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

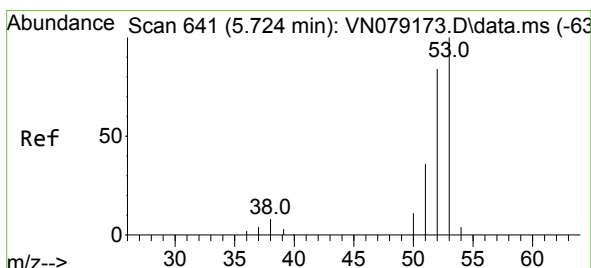
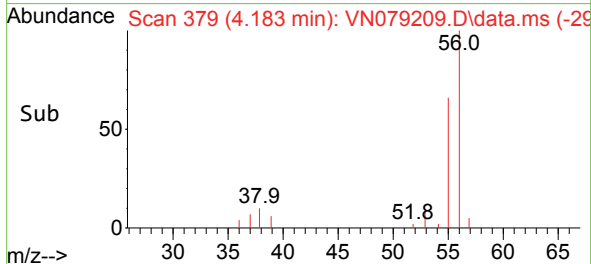
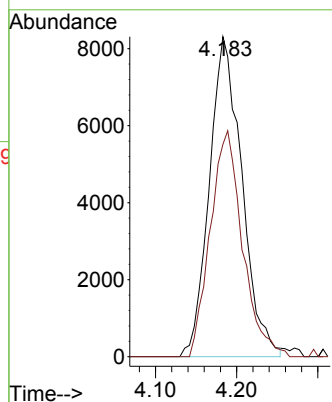
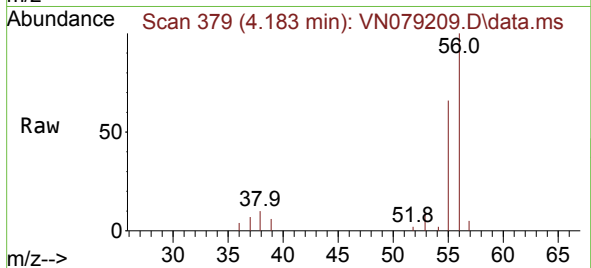
ClientSampleId :

Tgt Ion: 56 Resp: 23139

Ion Ratio Lower Upper

56 100

55 69.9 57.7 86.5



#14

Acrylonitrile

Concen: 126.173 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

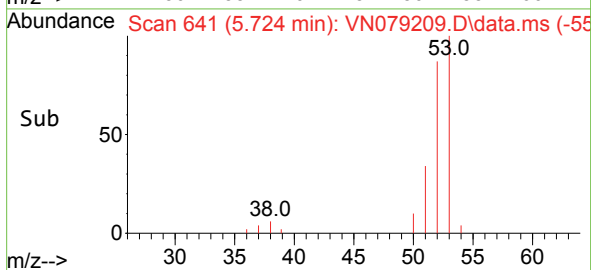
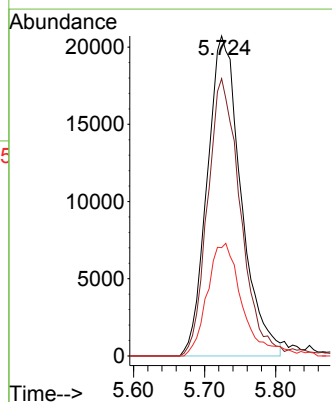
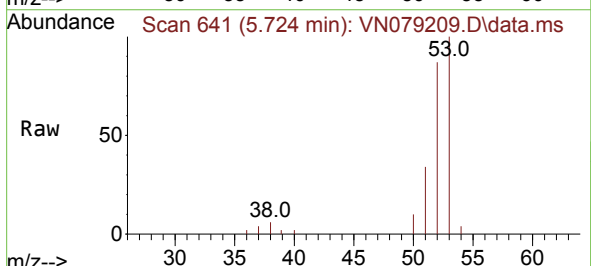
Tgt Ion: 53 Resp: 68564

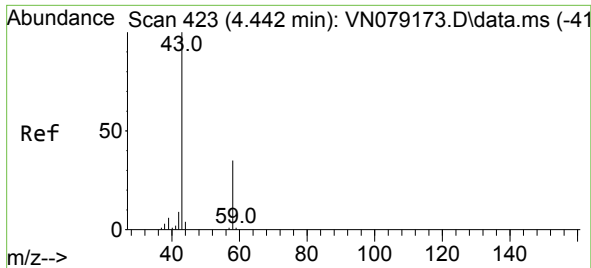
Ion Ratio Lower Upper

53 100

52 83.7 41.4 124.4

51 36.3 17.3 51.9

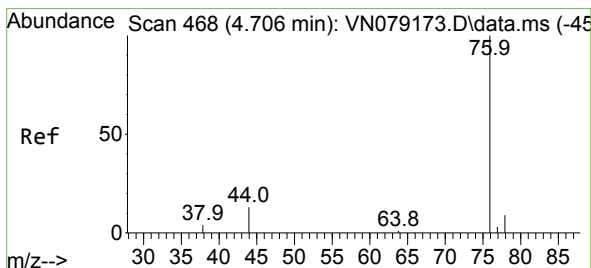
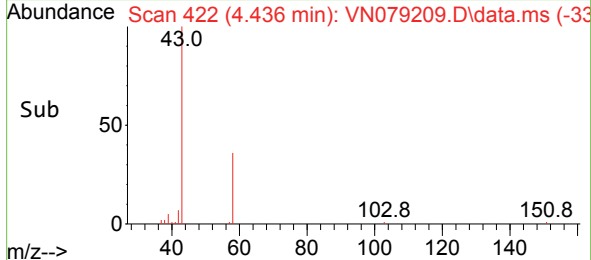
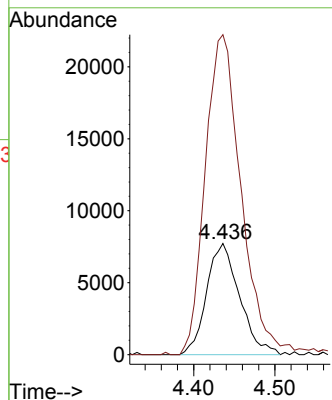
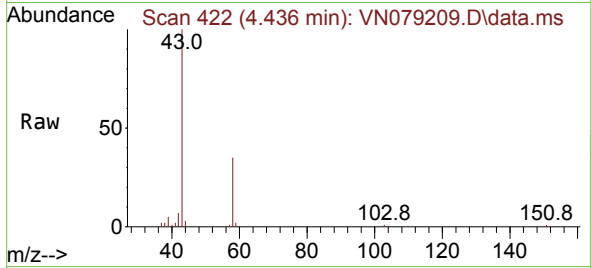




#15
Acetone
Concen: 153.862 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

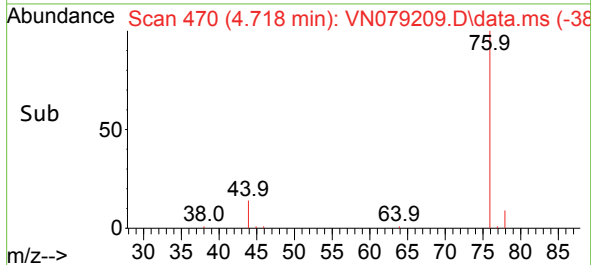
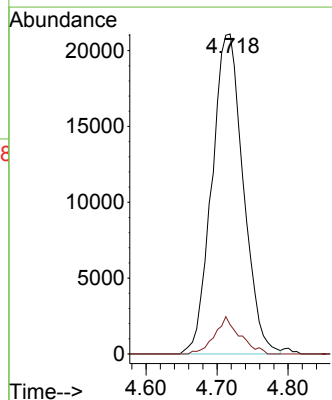
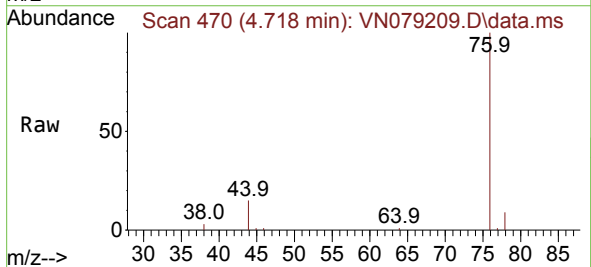
Instrument :
MSVOA_N
ClientSampleId :

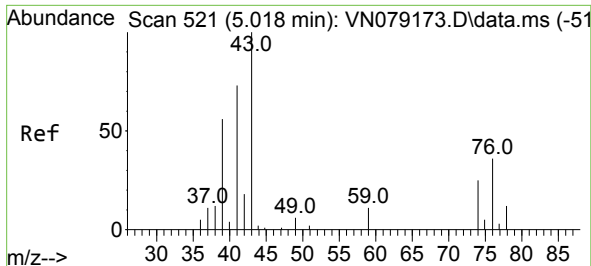
Tgt Ion: 58 Resp: 21811
Ion Ratio Lower Upper
58 100
43 287.9 228.3 342.5



#16
Carbon Disulfide
Concen: 27.535 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

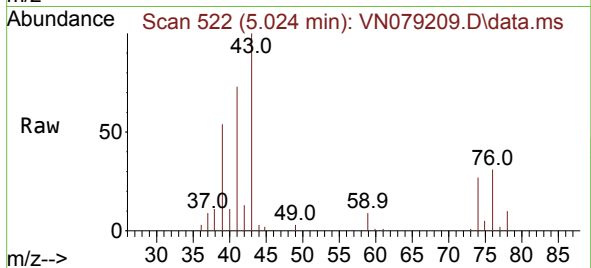
Tgt Ion: 76 Resp: 64668
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



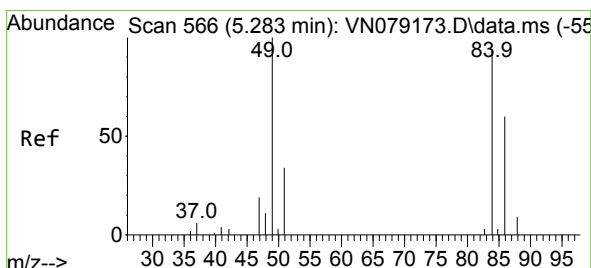
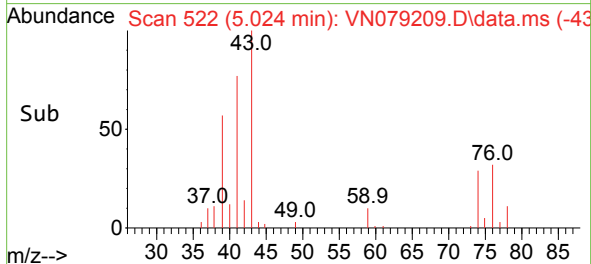
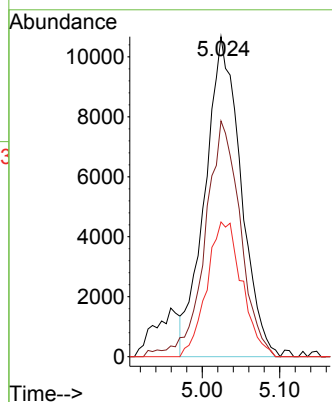


#17
 Allyl chloride
 Concen: 26.830 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Instrument :
 MSVOA_N
 ClientSampleId :

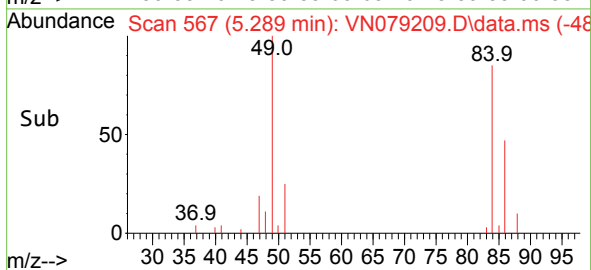
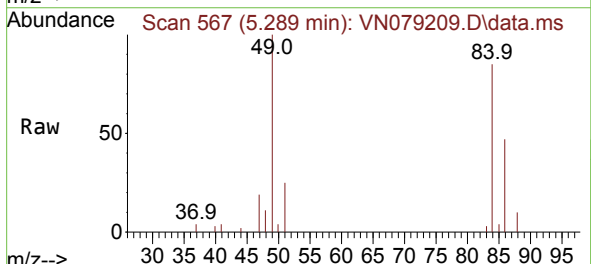
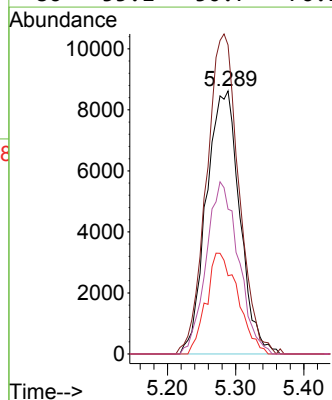


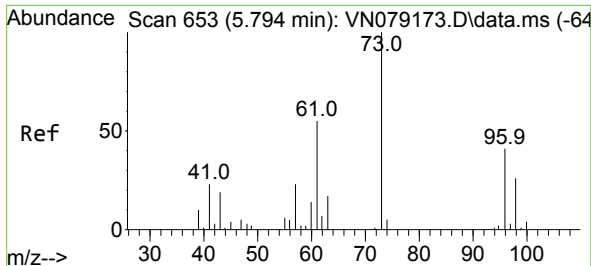
Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.7	38.3	114.8
76	42.1	23.7	71.1



#18
 Methylene Chloride
 Concen: 27.523 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.5	86.9	130.3
51	29.7	28.6	43.0
86	55.1	50.7	76.1





#19

trans-1,2-Dichloroethene

Concen: 26.632 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

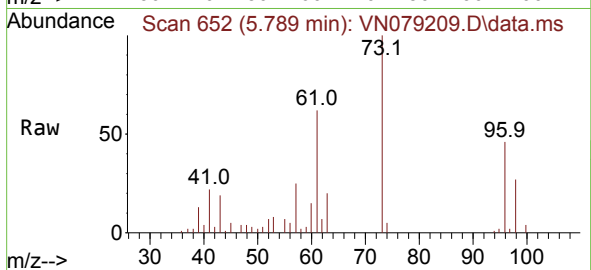
Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :



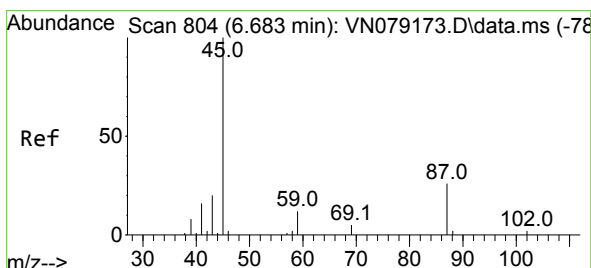
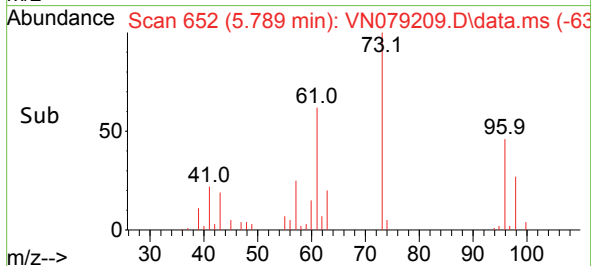
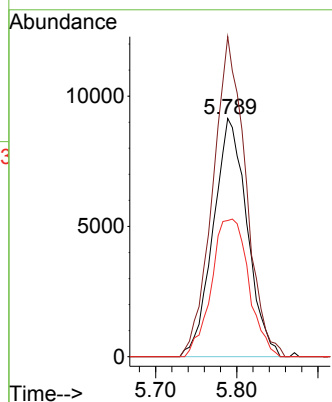
Tgt Ion: 96 Resp: 26483

Ion Ratio Lower Upper

96 100

61 134.3 106.6 159.8

98 57.2 51.0 76.4



#20

Diisopropyl ether

Concen: 21.364 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Tgt Ion: 45 Resp: 81456

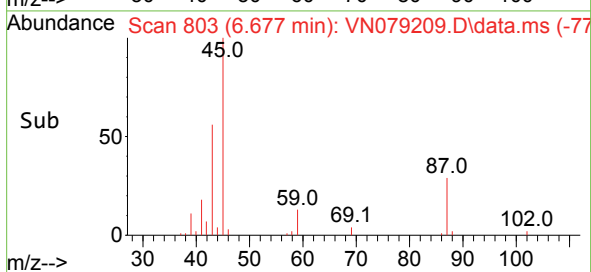
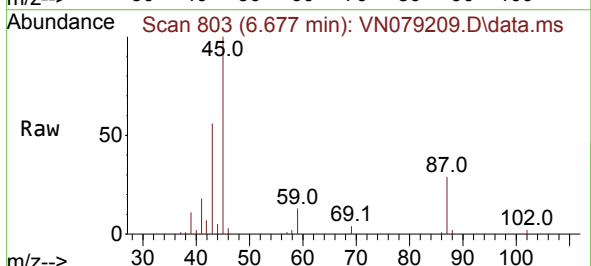
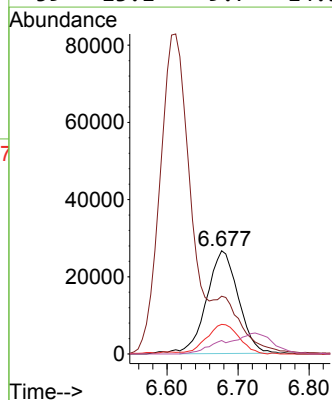
Ion Ratio Lower Upper

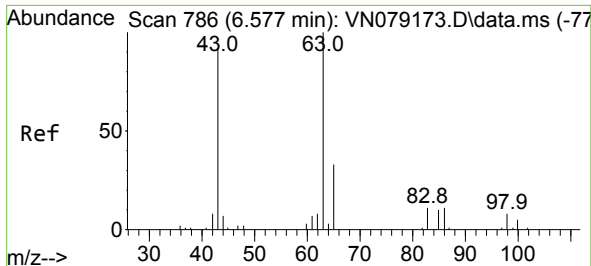
45 100

43 53.4 34.9 52.3#

87 28.9 21.5 32.3

59 13.1 9.7 14.5





#21

1,1-Dichloroethane

Concen: 22.943 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN079209.D

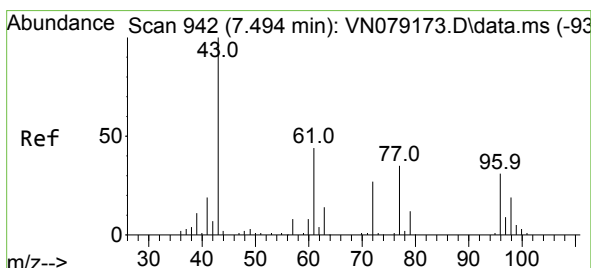
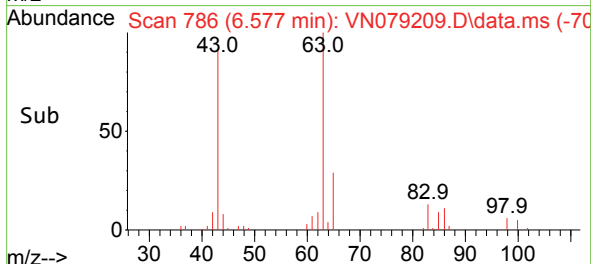
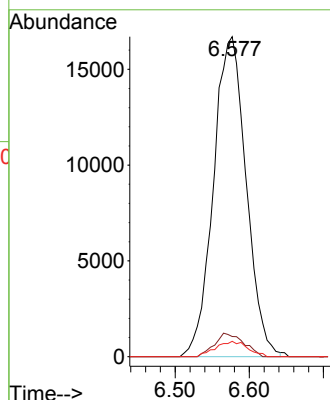
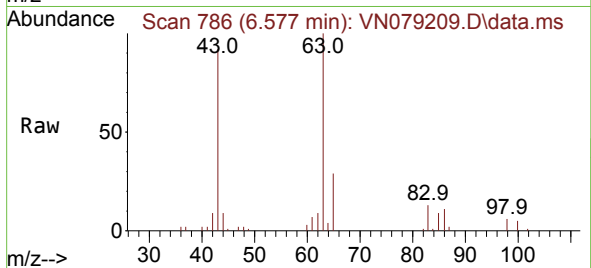
Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	51246
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.9	11.5
100	4.8	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 19.566 ug/l

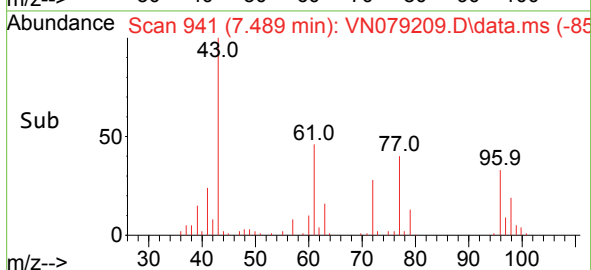
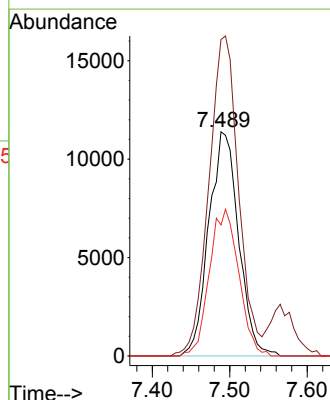
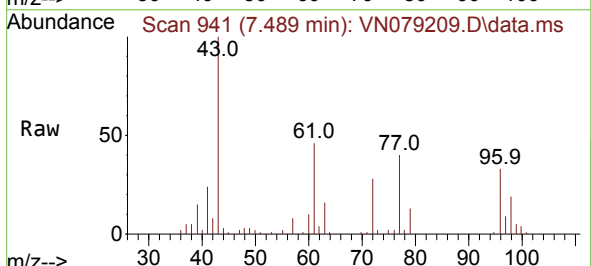
RT: 7.489 min Scan# 941

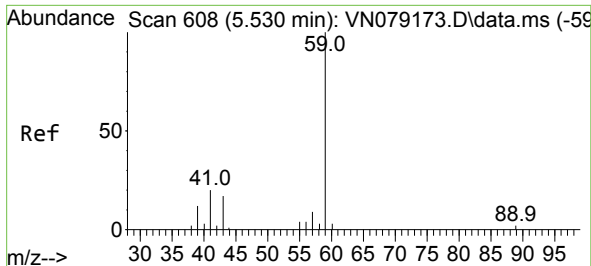
Delta R.T. -0.005 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Tgt Ion:	96	Resp:	30429
Ion Ratio	Lower	Upper	
96	100		
61	142.0	113.0	169.6
98	64.5	50.2	75.4

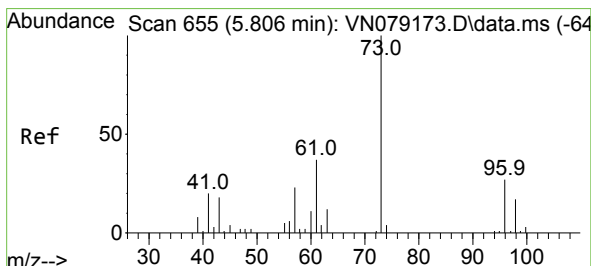
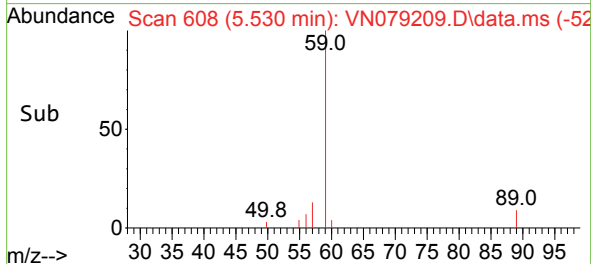
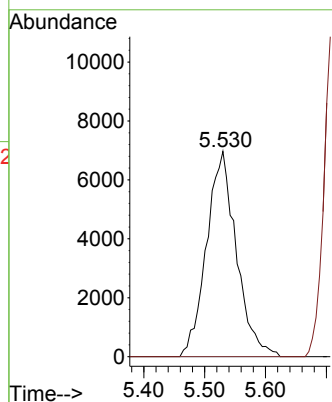
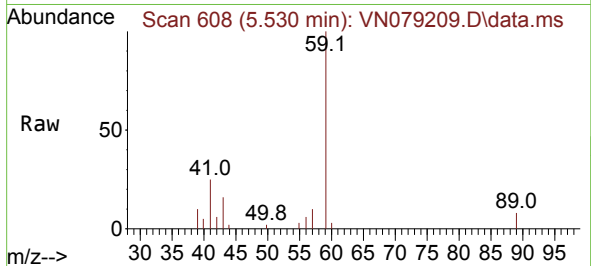




#23
tert-Butyl Alcohol
Concen: 113.539 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

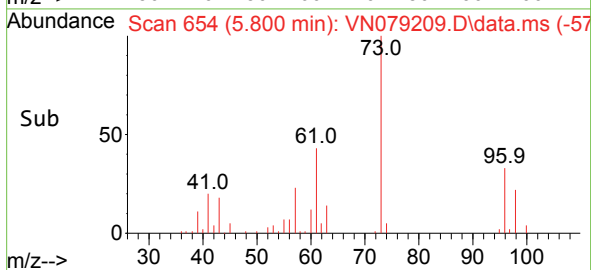
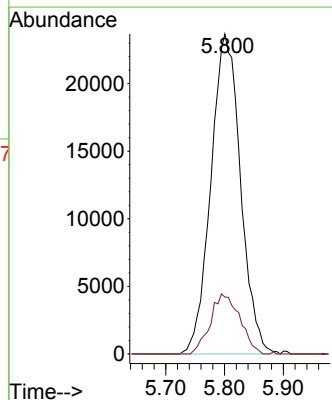
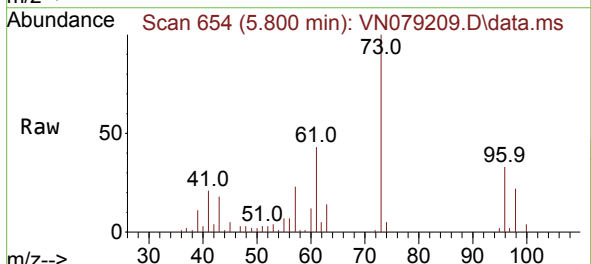
Instrument :
MSVOA_N
ClientSampleId :

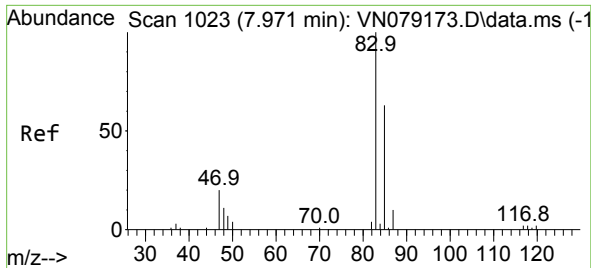
Tgt Ion: 59 Resp: 23735
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 26.414 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 73 Resp: 82857
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1





#25

Chloroform

Concen: 19.888 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

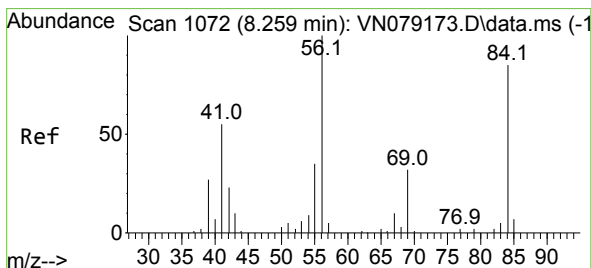
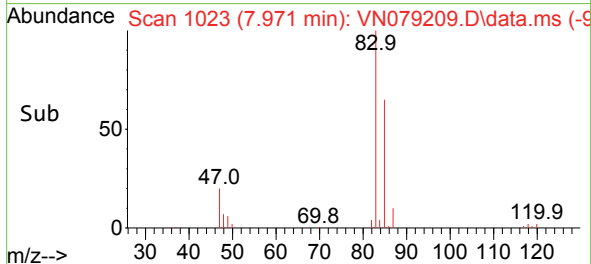
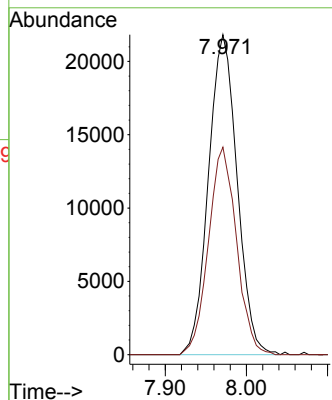
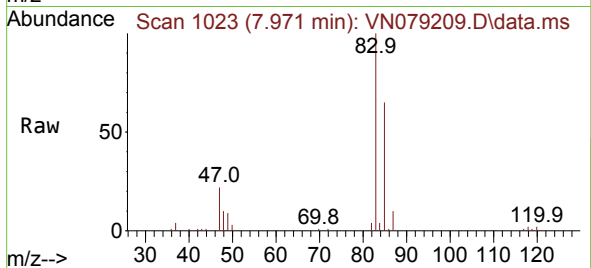
ClientSampleId :

Tgt Ion: 83 Resp: 53566

Ion Ratio Lower Upper

83 100

85 64.8 50.6 76.0



#26

Cyclohexane

Concen: 16.641 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

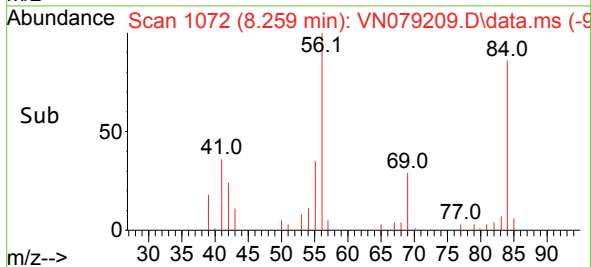
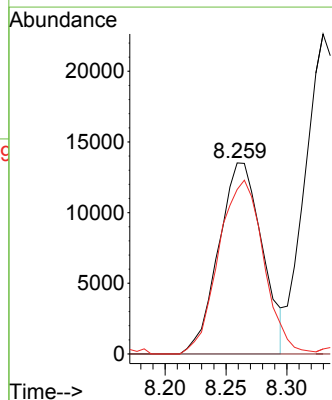
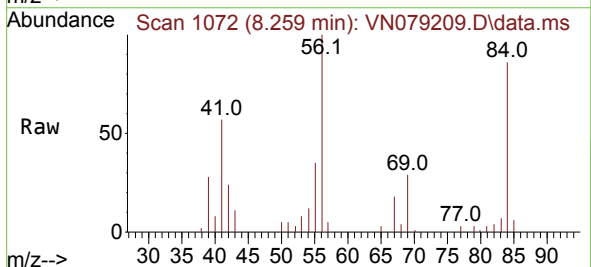
Tgt Ion: 56 Resp: 33706

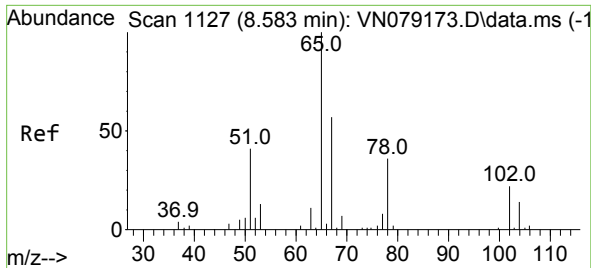
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.9 71.1 106.7

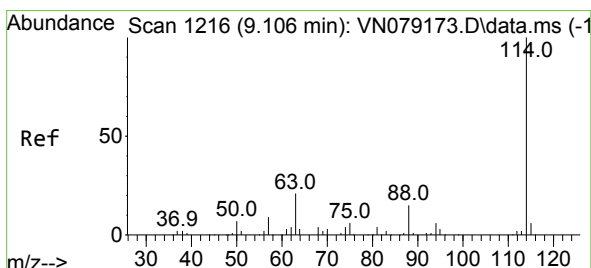
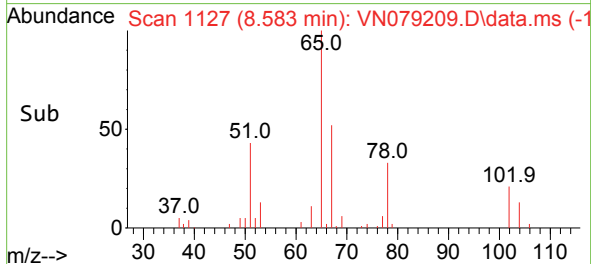
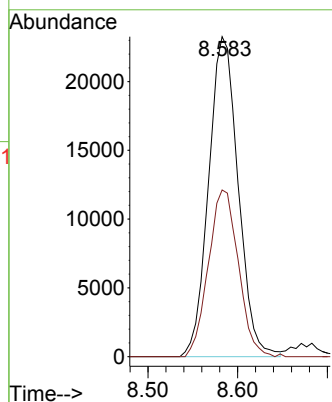
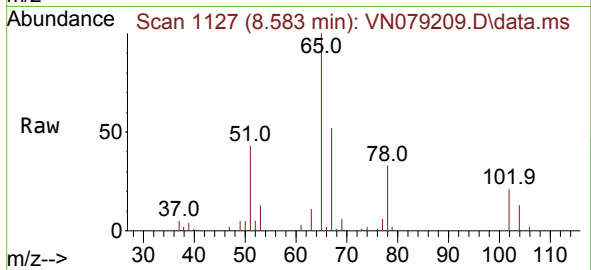




#27
1,2-Dichloroethane-d4
Concen: 31.348 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

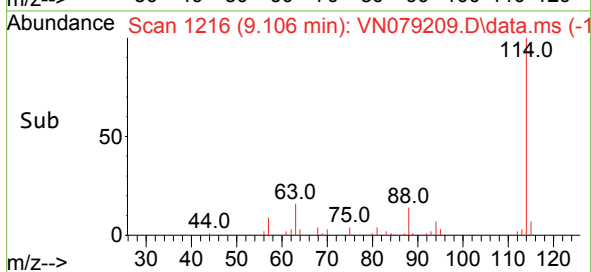
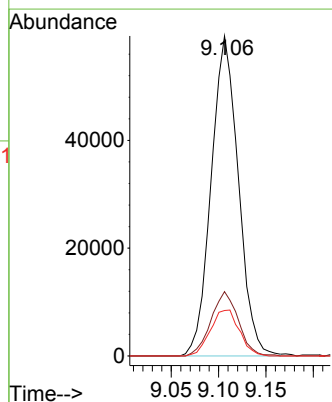
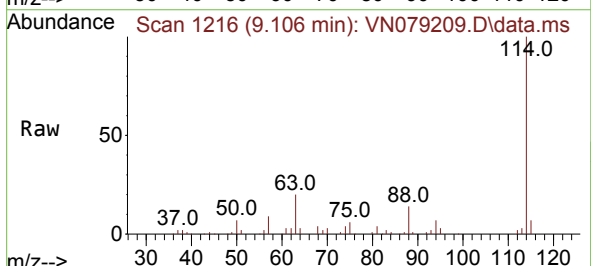
Instrument :
MSVOA_N
ClientSampleId :

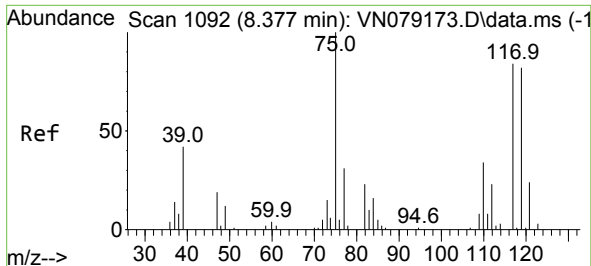
Tgt Ion: 65 Resp: 53221
Ion Ratio Lower Upper
65 100
67 52.7 44.4 66.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:114 Resp: 118712
Ion Ratio Lower Upper
114 100
63 20.2 17.0 25.4
88 15.3 12.8 19.2





#29

1,1-Dichloropropene

Concen: 18.557 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

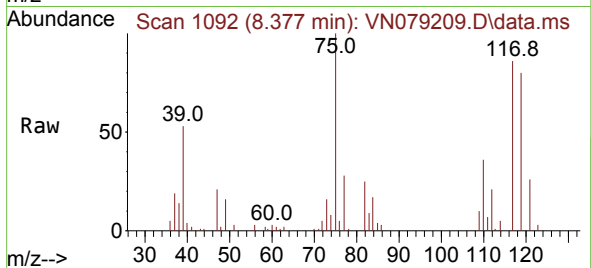
Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :



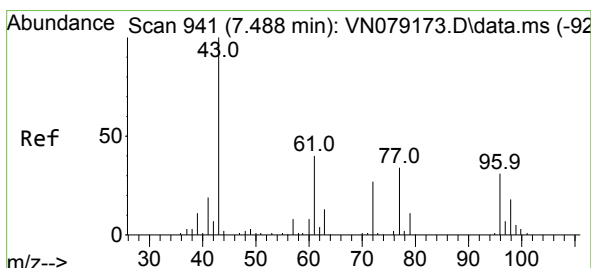
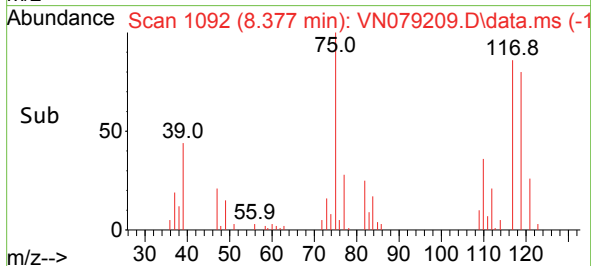
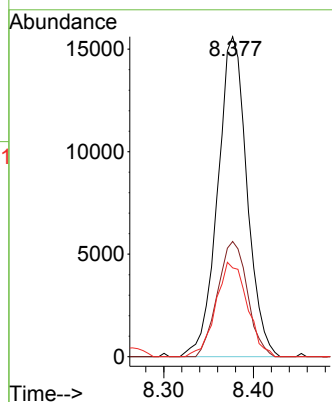
Tgt Ion: 75 Resp: 35319

Ion Ratio Lower Upper

75 100

110 36.6 0.0 68.4

77 31.6 0.0 63.2



#30

2-Butanone

Concen: 94.357 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.001 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

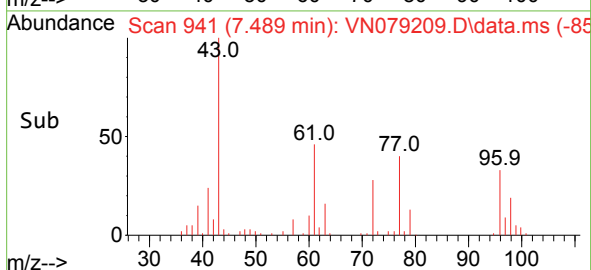
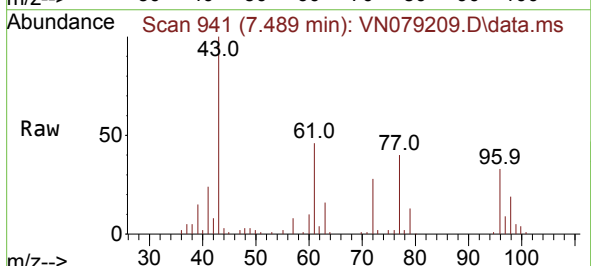
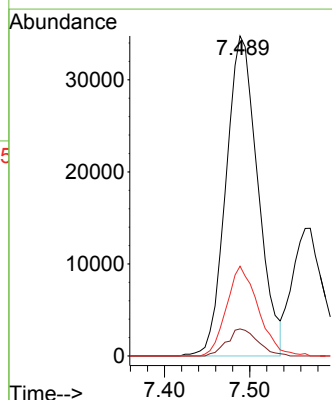
Tgt Ion: 43 Resp: 90331

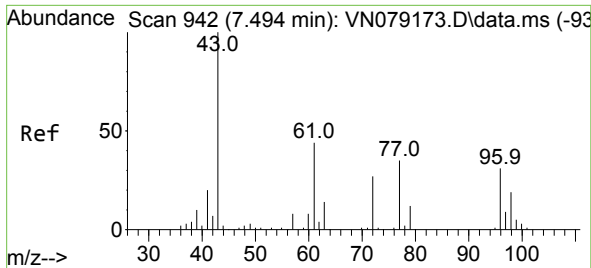
Ion Ratio Lower Upper

43 100

57 8.2 6.8 10.2

72 27.9 22.4 33.6

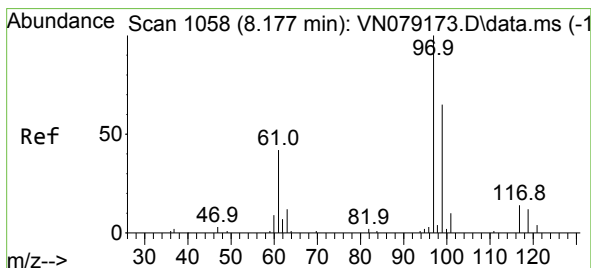
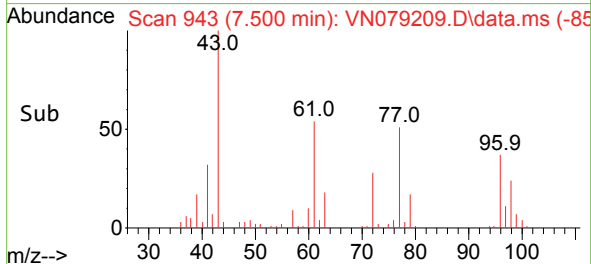
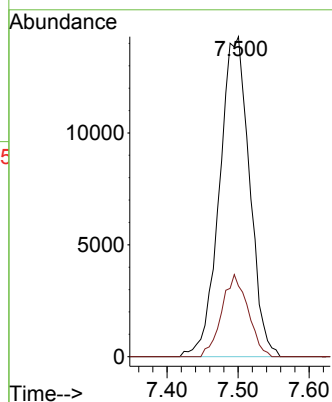
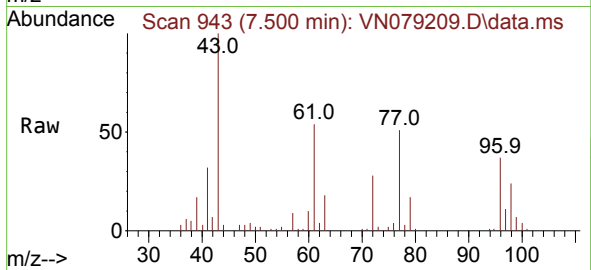




#31
2,2-Dichloropropane
Concen: 22.104 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

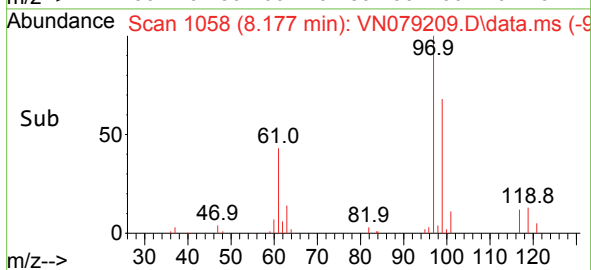
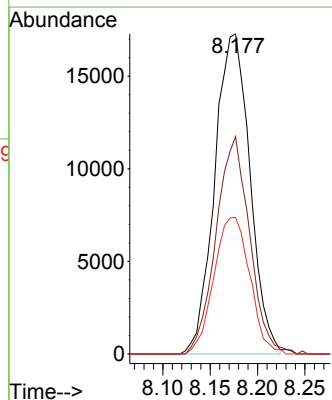
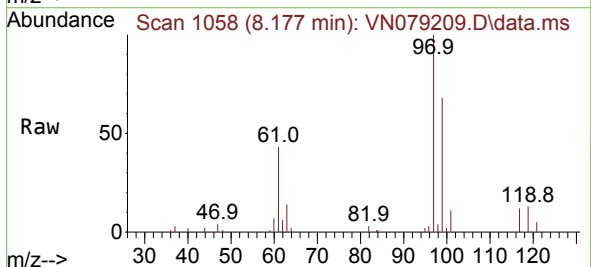
Instrument :
MSVOA_N
ClientSampleId :

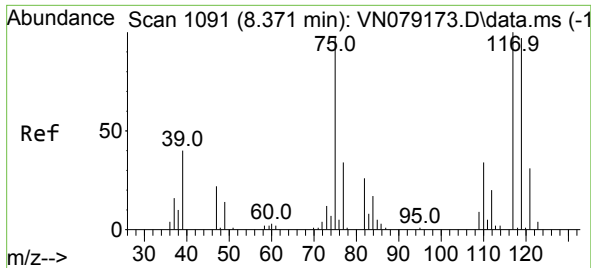
Tgt Ion: 77 Resp: 41964
Ion Ratio Lower Upper
77 100
97 22.4 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 19.954 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

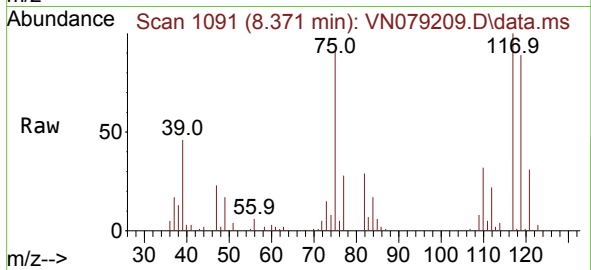
Tgt Ion: 97 Resp: 44744
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.4 33.4 50.0



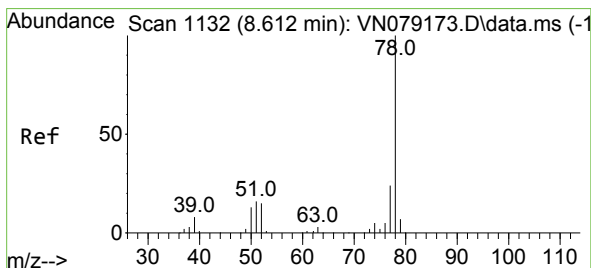
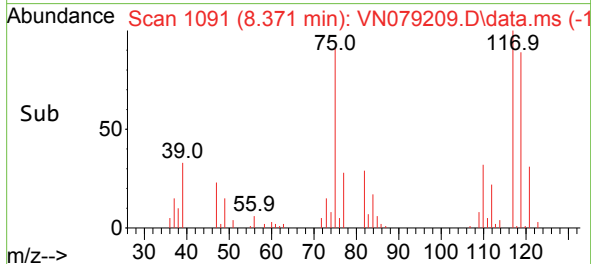
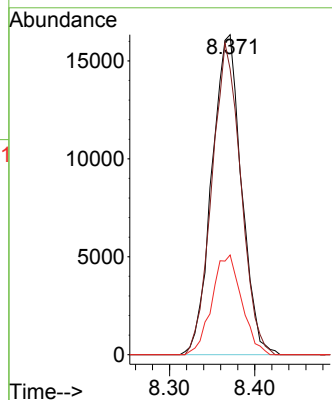


#33
Carbon Tetrachloride
Concen: 20.446 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

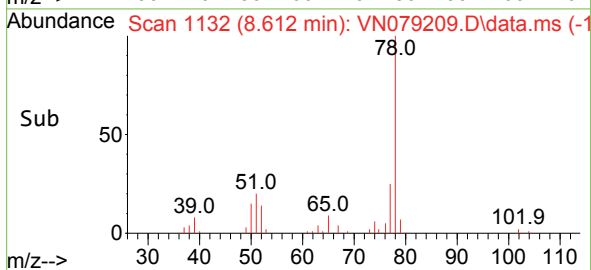
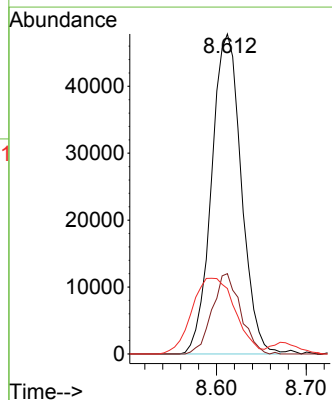
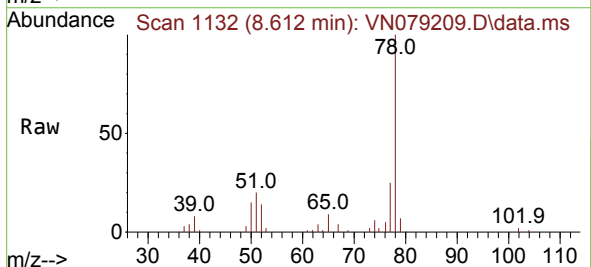


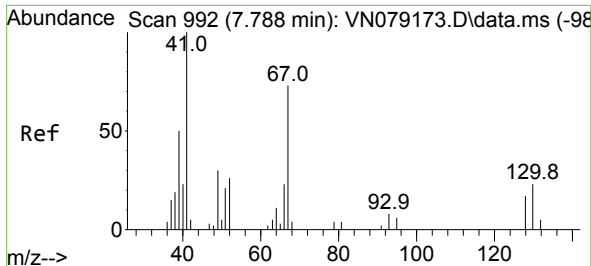
Tgt Ion:117 Resp: 39383
Ion Ratio Lower Upper
117 100
119 89.2 77.9 116.9
121 31.2 25.1 37.7



#34
Benzene
Concen: 18.178 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

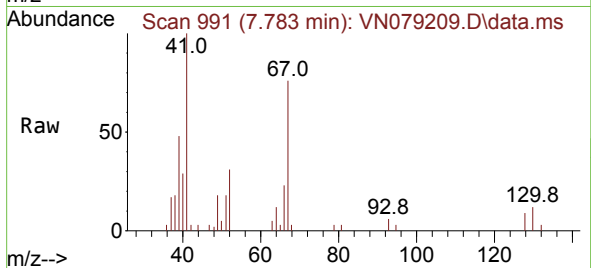
Tgt Ion: 78 Resp: 109926
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3
51 16.8 13.1 19.7



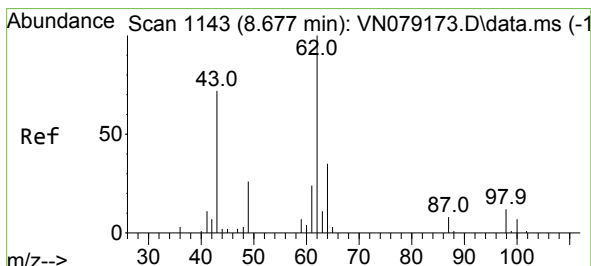
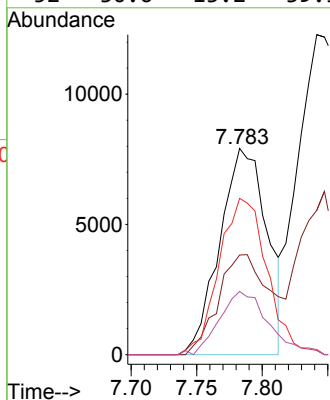
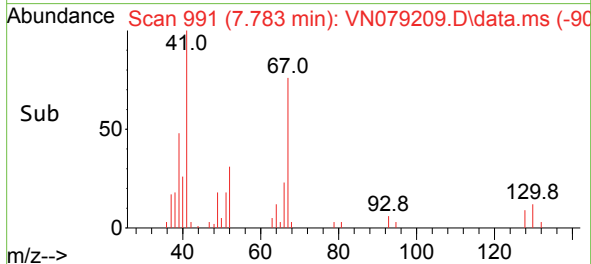


#35
Methacrylonitrile
Concen: 19.320 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

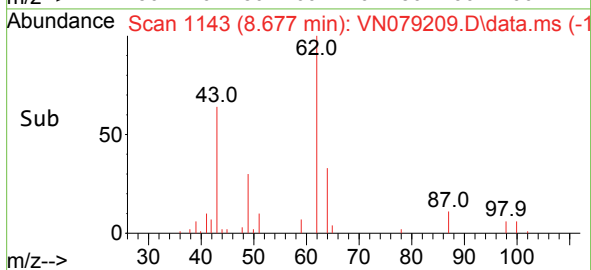
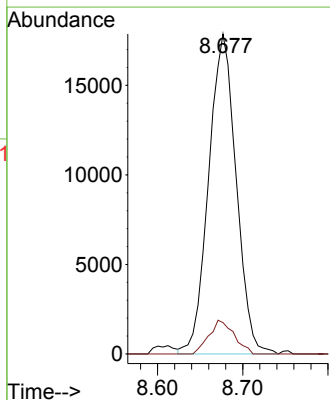
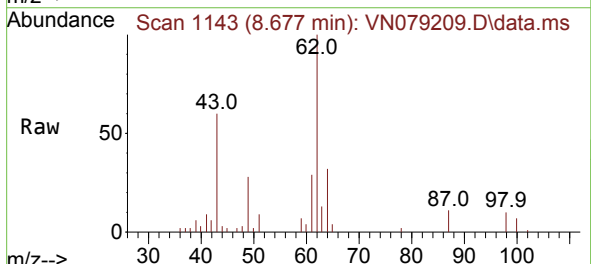


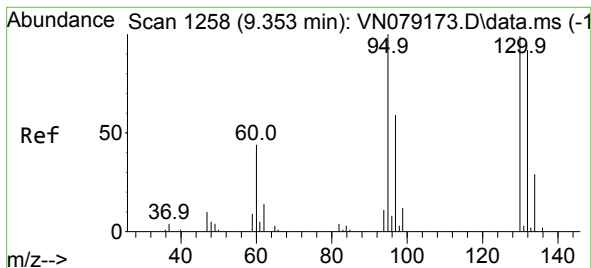
Tgt Ion:	41	Resp:	19915
Ion Ratio	Lower	Upper	
41	100		
39	48.4	24.9	74.6
67	75.8	36.7	110.1
52	30.6	13.2	39.5



#36
1,2-Dichloroethane
Concen: 20.161 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:	62	Resp:	40209
Ion Ratio	Lower	Upper	
62	100		
98	9.6	8.2	12.2





#37

Trichloroethene

Concen: 19.445 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

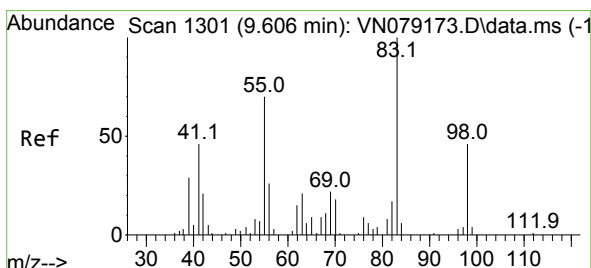
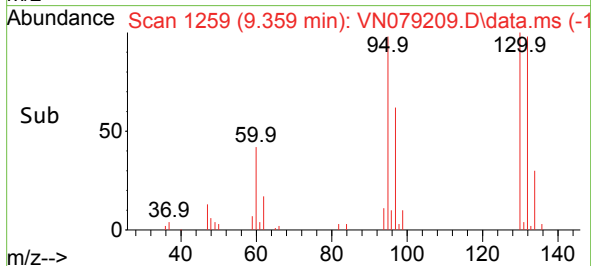
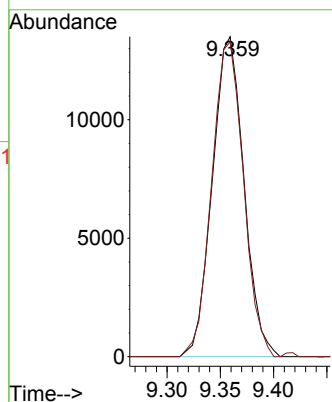
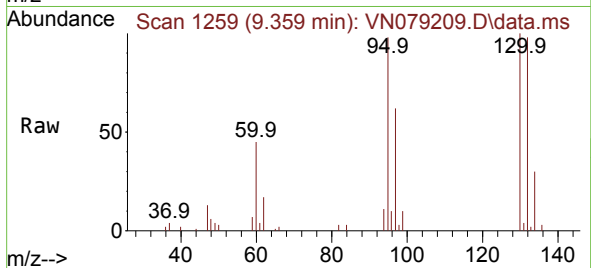
ClientSampleId :

Tgt Ion:130 Resp: 27794

Ion Ratio Lower Upper

130 100

95 98.4 81.0 121.4



#38

Methylcyclohexane

Concen: 17.954 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

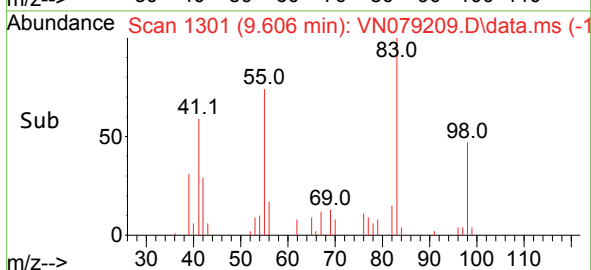
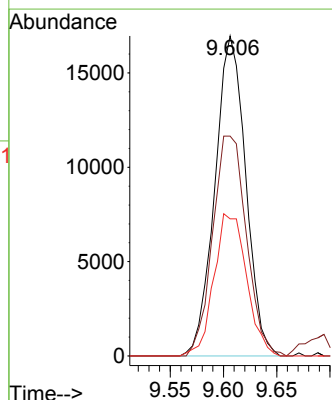
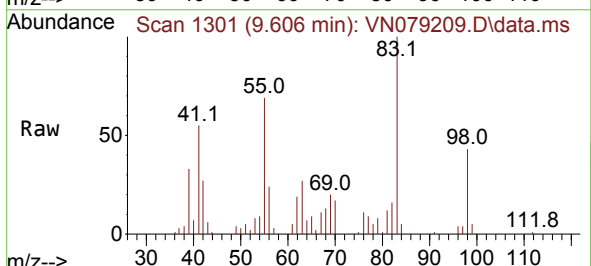
Tgt Ion: 83 Resp: 34162

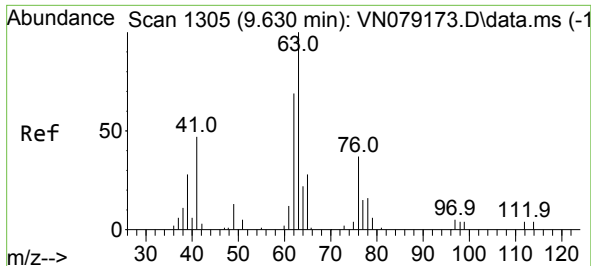
Ion Ratio Lower Upper

83 100

55 75.3 39.1 117.2

98 47.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 18.782 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

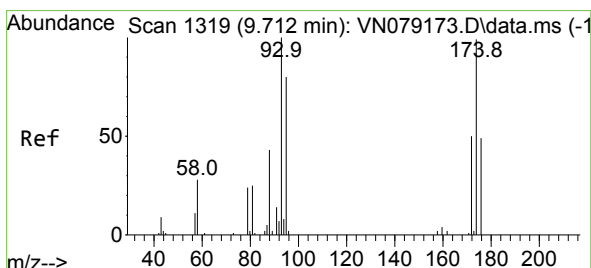
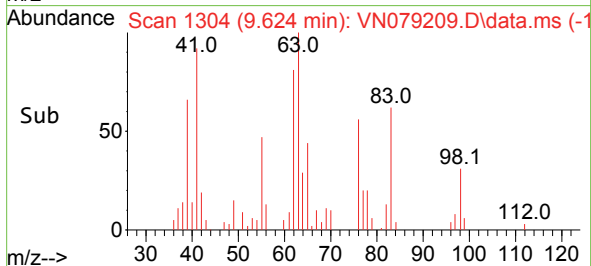
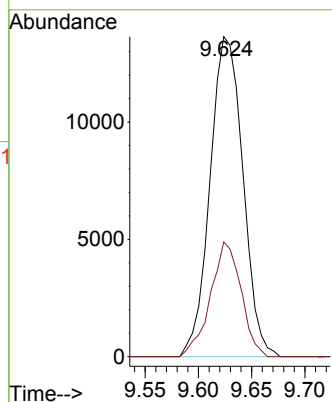
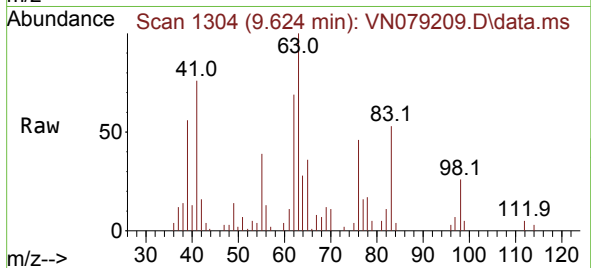
ClientSampleId :

Tgt Ion: 63 Resp: 29297

Ion Ratio Lower Upper

63 100

65 35.9 23.4 35.0#



#40

Dibromomethane

Concen: 19.325 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

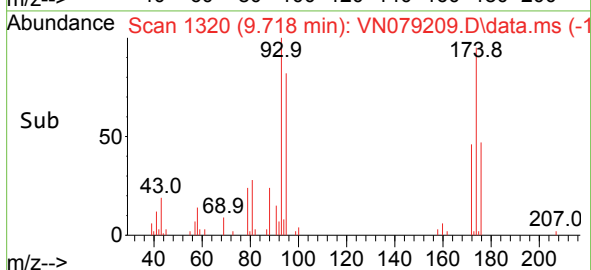
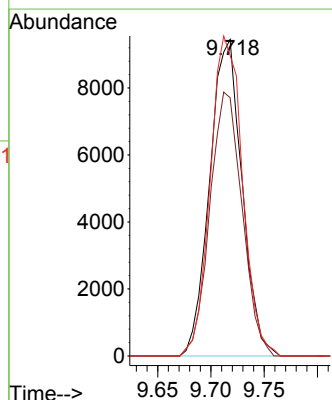
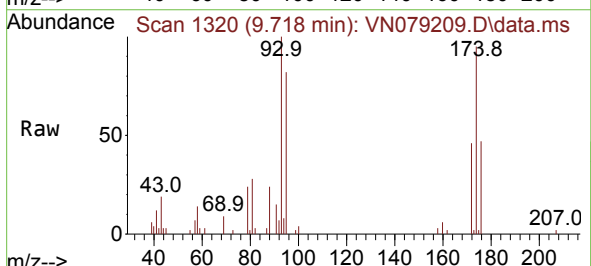
Tgt Ion: 93 Resp: 19879

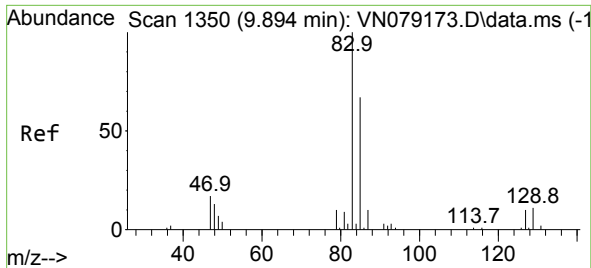
Ion Ratio Lower Upper

93 100

95 83.3 0.0 172.4

174 100.8 0.0 192.4

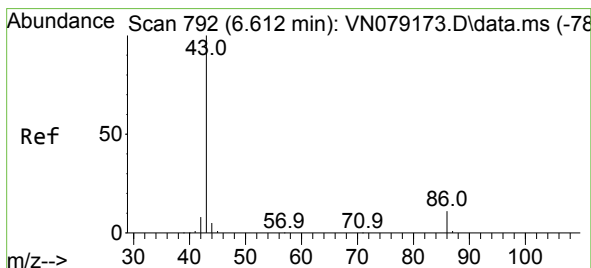
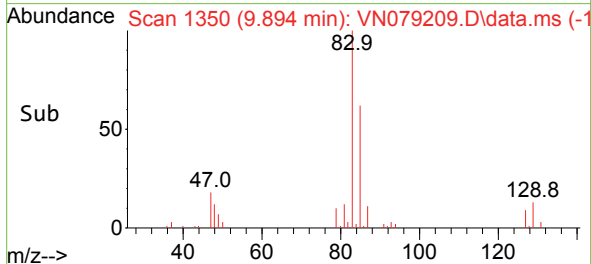
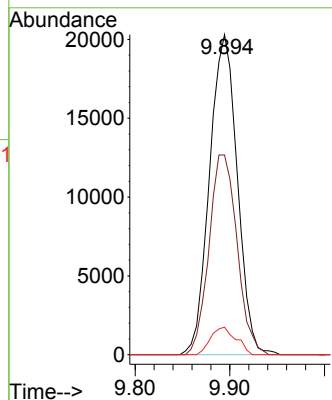
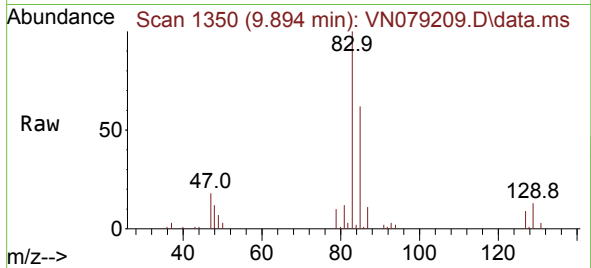




#41
Bromodichloromethane
Concen: 20.169 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

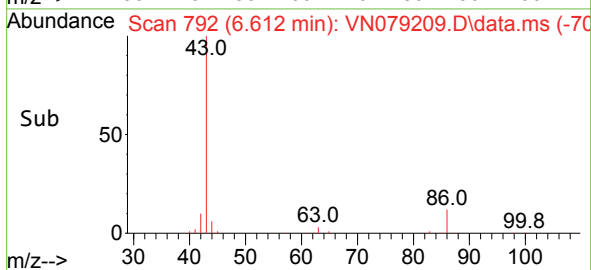
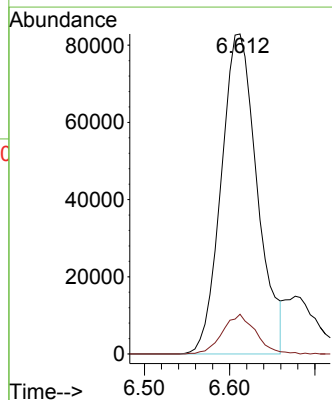
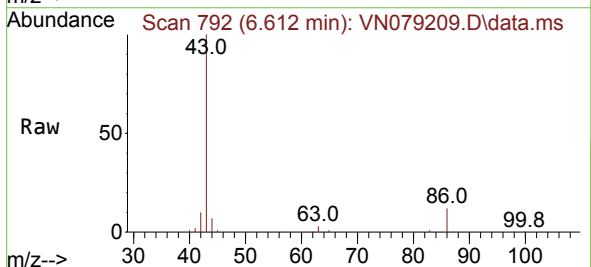
Instrument :
MSVOA_N
ClientSampleId :

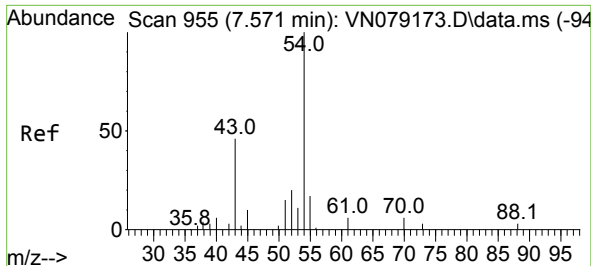
Tgt Ion: 83 Resp: 41358
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.2
127 8.6 8.3 12.5



#42
Vinyl Acetate
Concen: 107.085 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

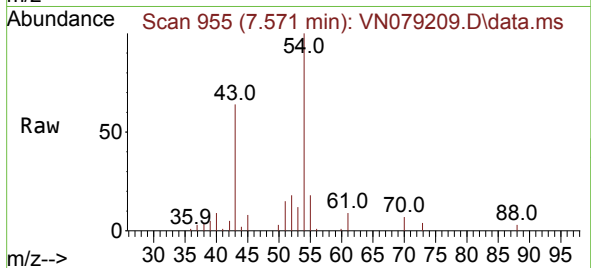
Tgt Ion: 43 Resp: 243463
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8



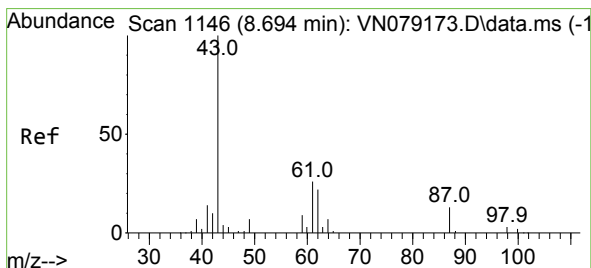
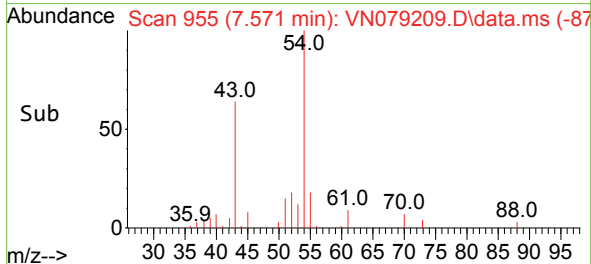
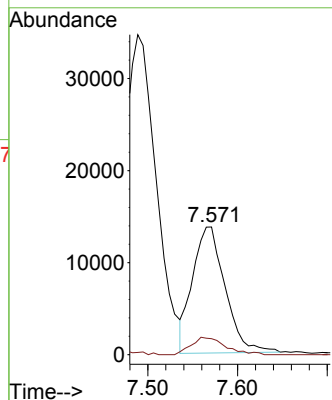


#43
Ethyl Acetate
Concen: 18.979 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

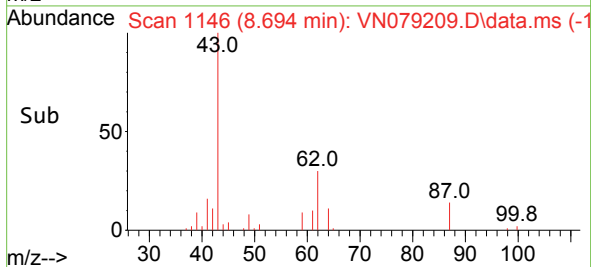
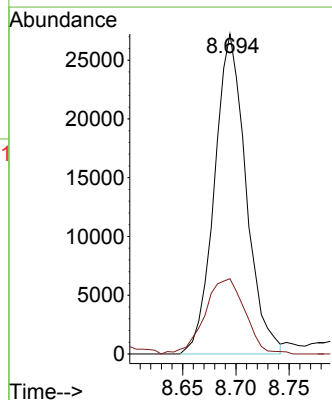
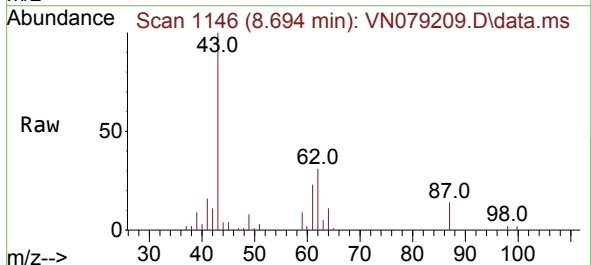


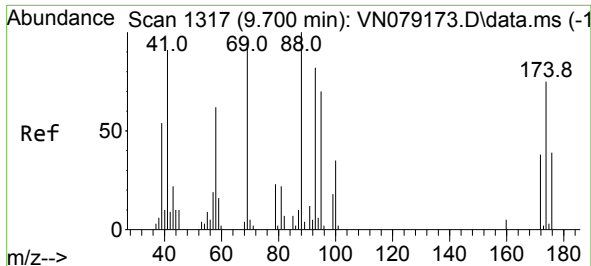
Tgt Ion: 43 Resp: 34506
Ion Ratio Lower Upper
43 100
45 14.0 11.1 16.7



#44
Isopropyl Acetate
Concen: 17.128 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 43 Resp: 56020
Ion Ratio Lower Upper
43 100
61 29.6 22.6 33.8

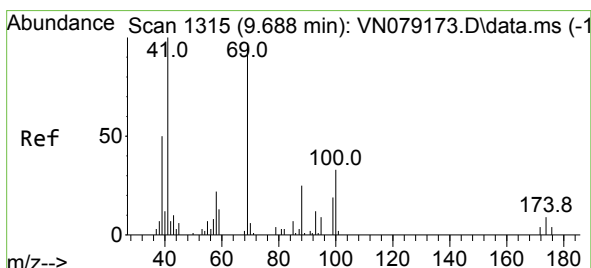
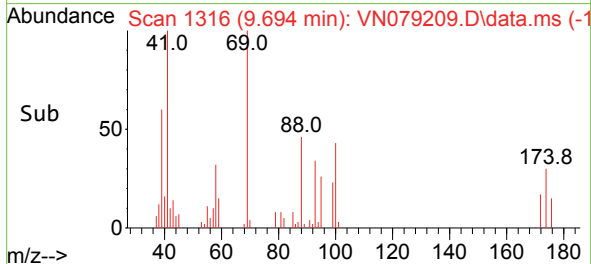
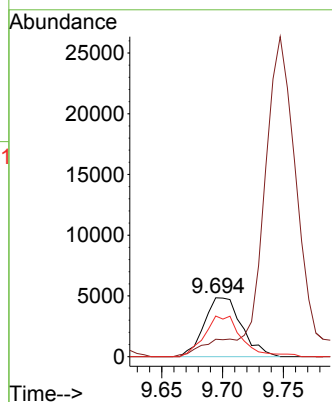
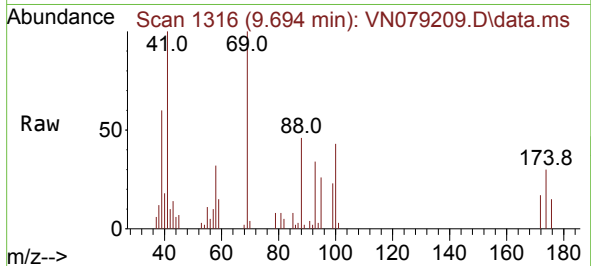




#45
1,4-Dioxane
Concen: 318.250 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

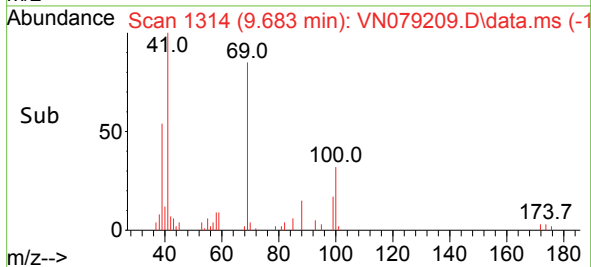
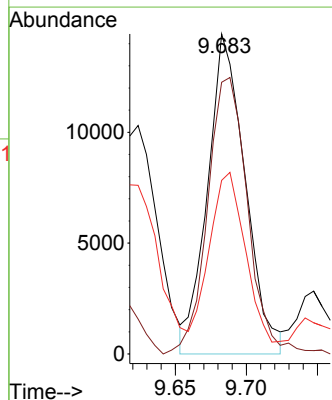
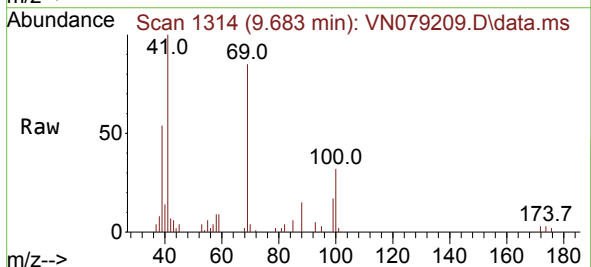
Instrument :
MSVOA_N
ClientSampleId :

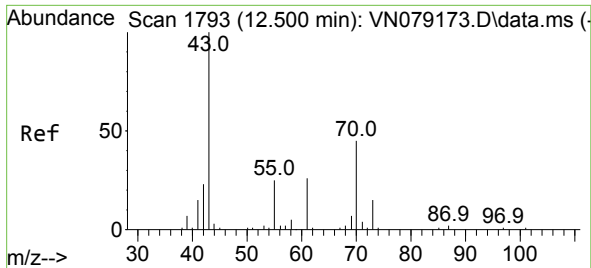
Tgt Ion: 88 Resp: 10361
Ion Ratio Lower Upper
88 100
43 29.3 19.9 29.9
58 67.2 58.0 87.0



#46
Methyl methacrylate
Concen: 18.206 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 41 Resp: 26603
Ion Ratio Lower Upper
41 100
69 88.3 48.1 144.3
39 54.0 25.8 77.3

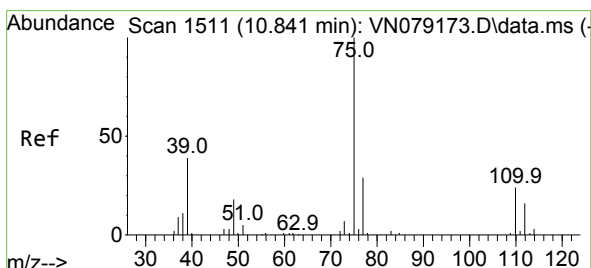
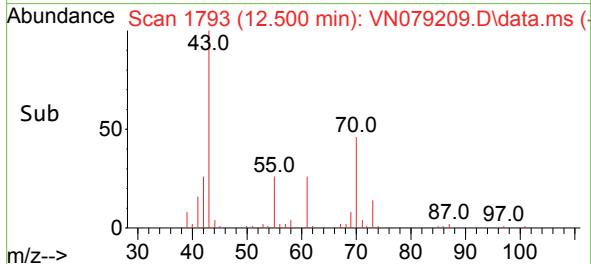
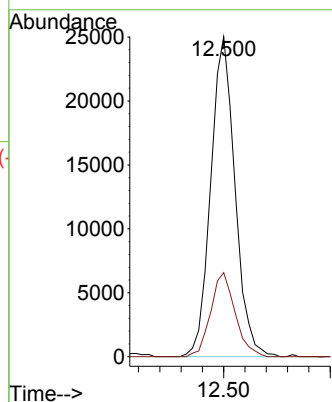
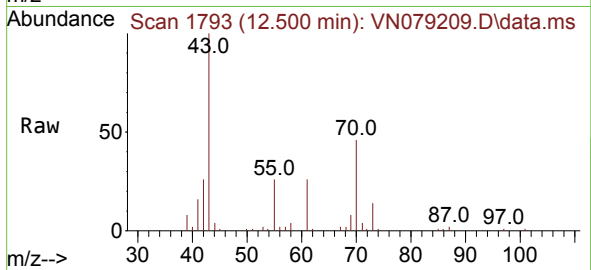




#47
n-amyl acetate
Concen: 17.192 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

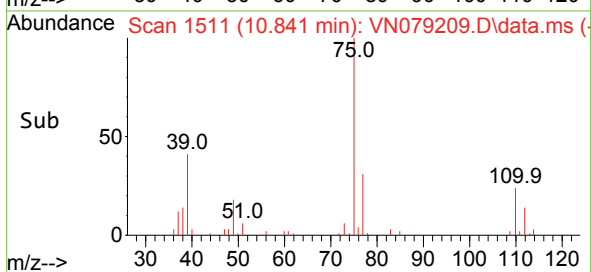
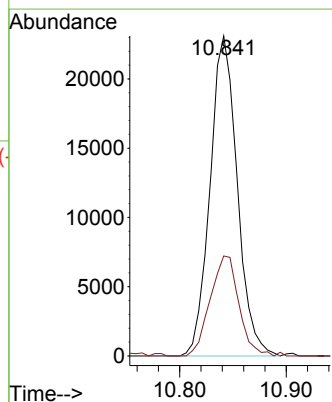
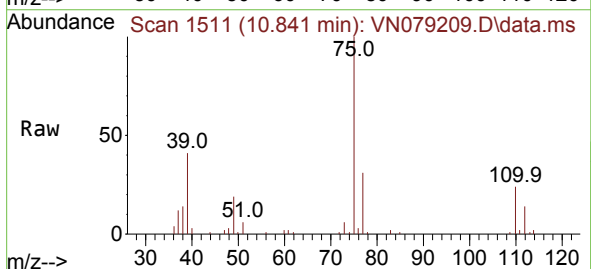
Instrument :
MSVOA_N
ClientSampleId :

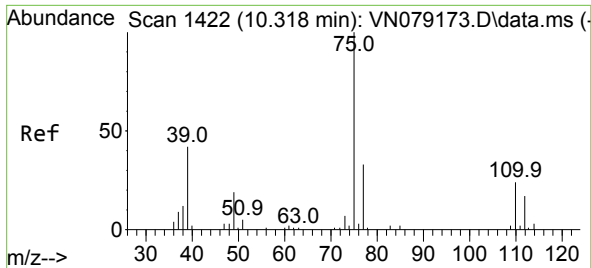
Tgt Ion: 43 Resp: 39544
Ion Ratio Lower Upper
43 100
55 26.5 20.5 30.7



#48
t-1,3-Dichloropropene
Concen: 18.487 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 75 Resp: 41014
Ion Ratio Lower Upper
75 100
77 31.2 22.9 34.3



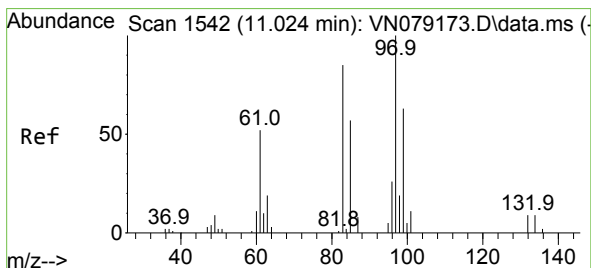
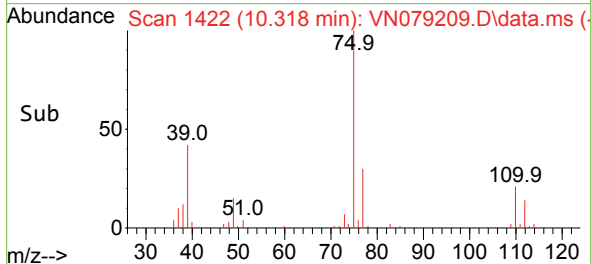
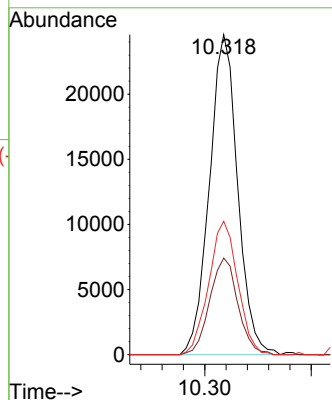
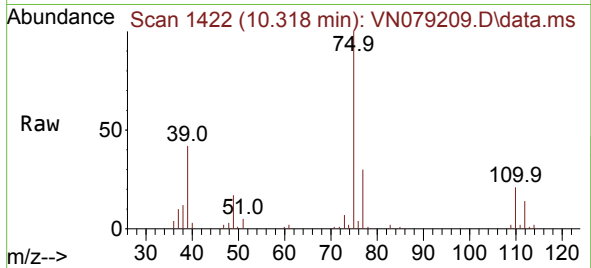


#49
 cis-1,3-Dichloropropene
 Concen: 19.523 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 45178

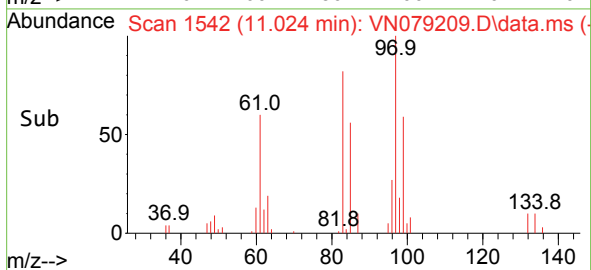
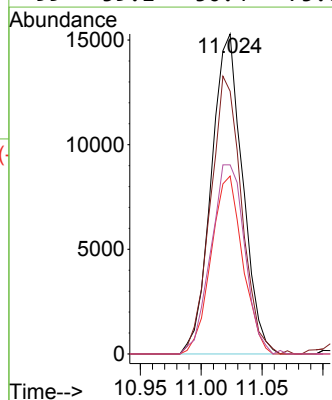
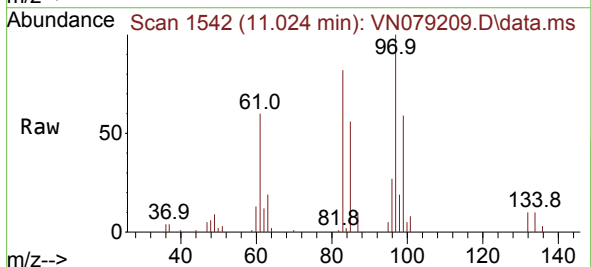
Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.2	39.2
39	41.7	33.8	50.8

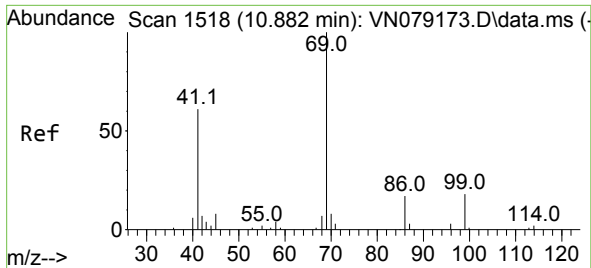


#50
 1,1,2-Trichloroethane
 Concen: 18.961 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Tgt Ion: 97 Resp: 27363

Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.9	103.3
85	55.6	45.3	67.9
99	59.1	50.4	75.6

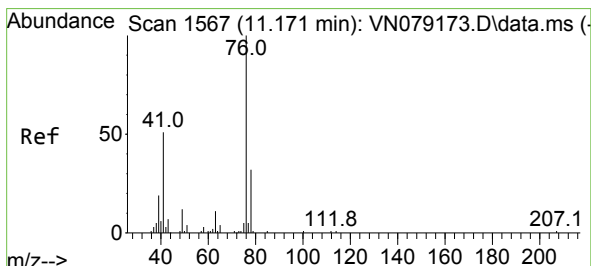
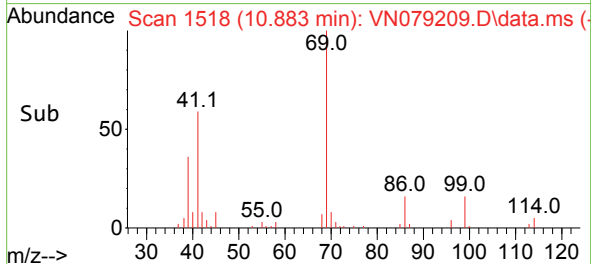
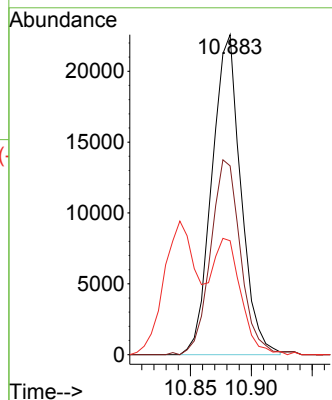
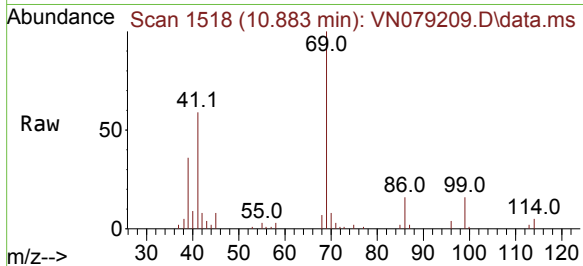




#51
Ethyl methacrylate
Concen: 16.771 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

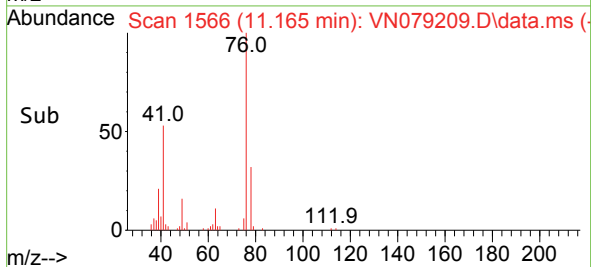
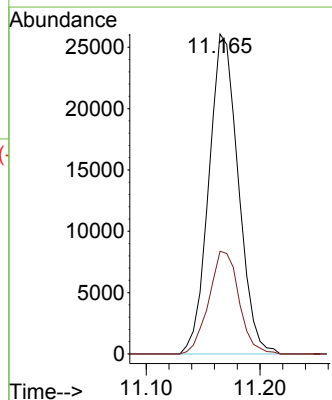
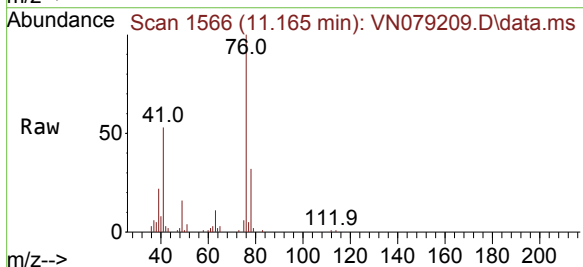
Instrument :
MSVOA_N
ClientSampleId :

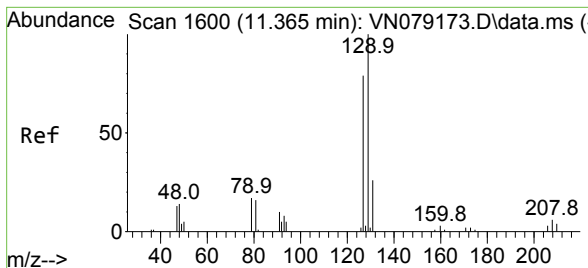
Tgt Ion: 69 Resp: 37378
Ion Ratio Lower Upper
69 100
41 59.0 30.3 90.9
39 34.6 13.4 40.1



#52
1,3-Dichloropropane
Concen: 19.033 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 76 Resp: 46893
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2

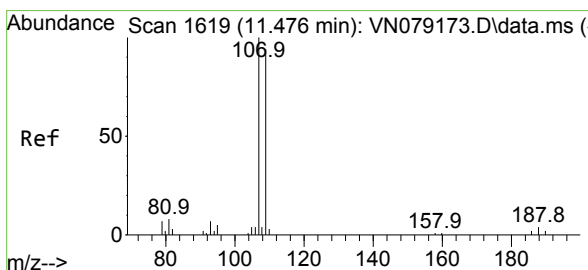
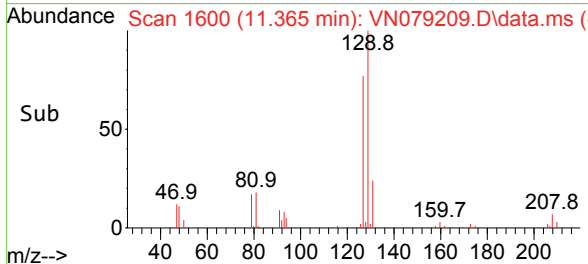
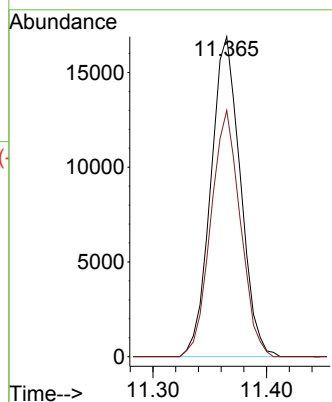
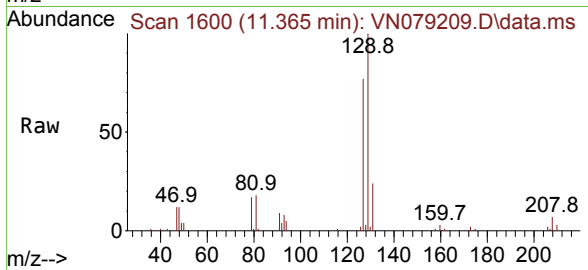




#53
Dibromochloromethane
Concen: 20.172 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

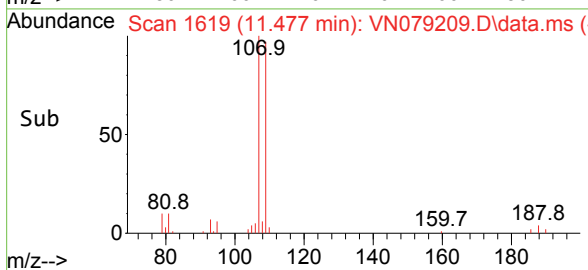
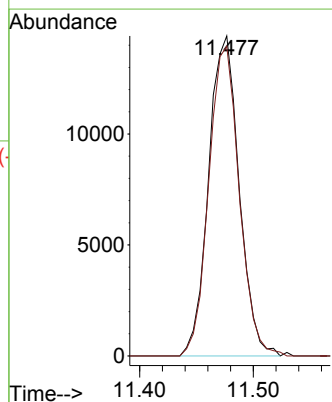
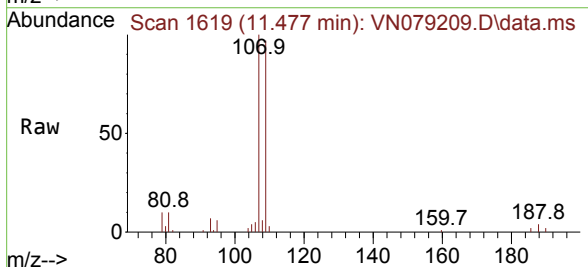
Instrument :
MSVOA_N
ClientSampleId :

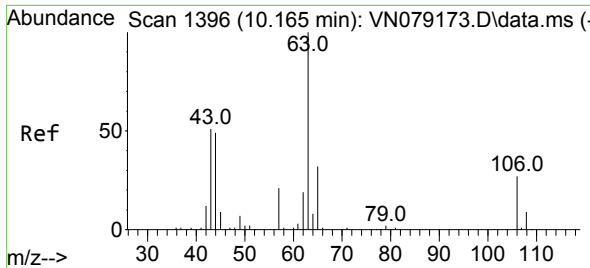
Tgt Ion:129 Resp: 30532
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1



#54
1,2-Dibromoethane
Concen: 18.373 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:107 Resp: 26924
Ion Ratio Lower Upper
107 100
109 96.5 76.4 114.6

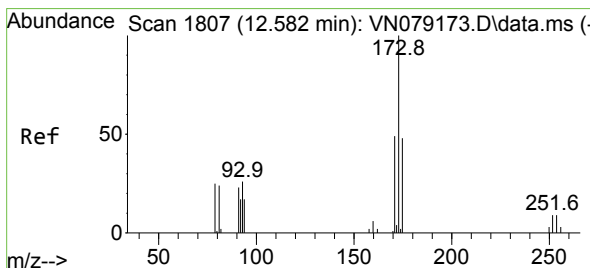
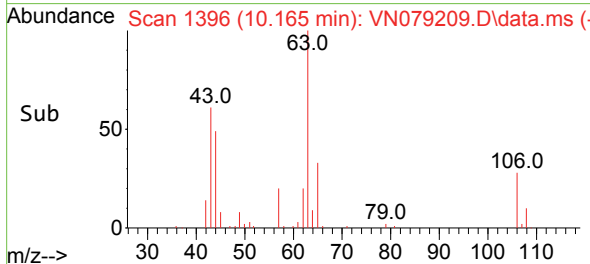
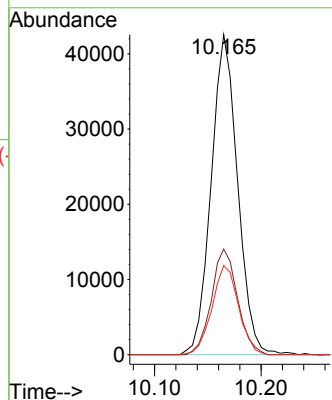
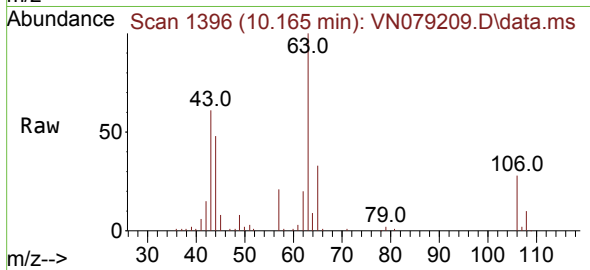




#55
2-Chloroethyl vinyl ether
Concen: 92.473 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

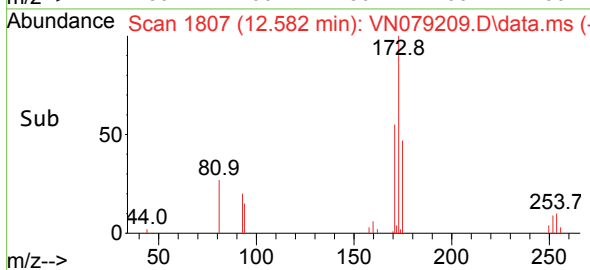
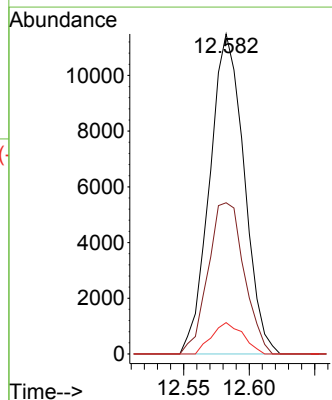
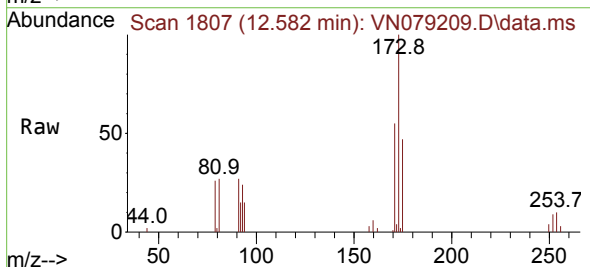
Instrument :
MSVOA_N
ClientSampleId :

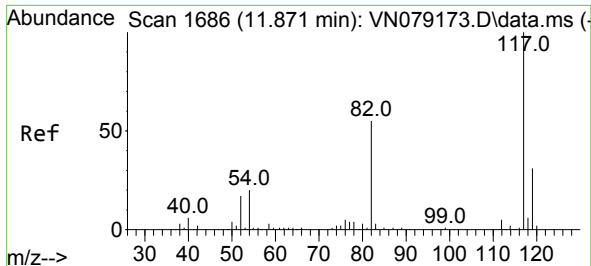
Tgt Ion: 63 Resp: 73231
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 27.9 21.9 32.9



#56
Bromoform
Concen: 19.873 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:173 Resp: 20960
Ion Ratio Lower Upper
173 100
175 49.4 37.6 56.4
254 8.9 7.8 11.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

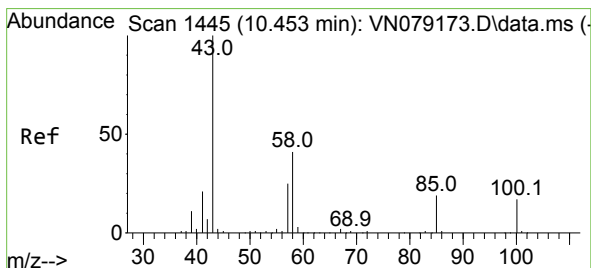
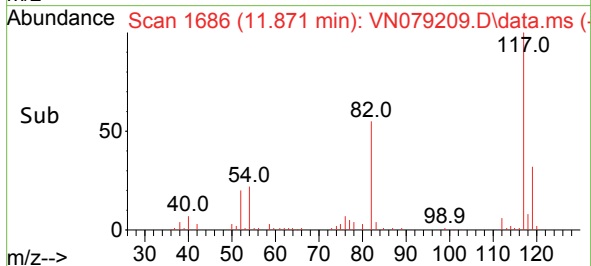
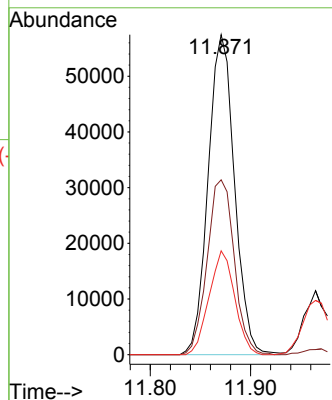
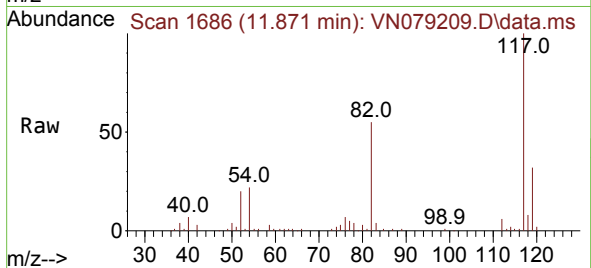
Tgt Ion:117 Resp: 105086

Ion Ratio Lower Upper

117 100

82 56.1 44.7 67.1

119 31.5 24.9 37.3



#58

4-Methyl-2-Pentanone

Concen: 90.562 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

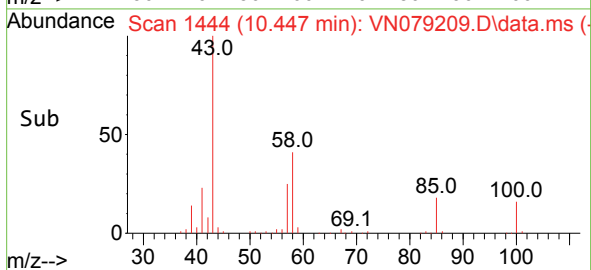
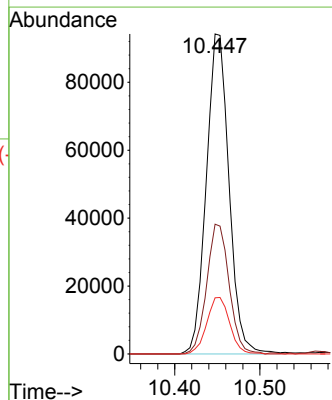
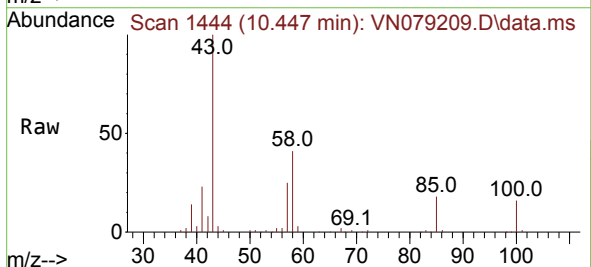
Tgt Ion: 43 Resp: 174638

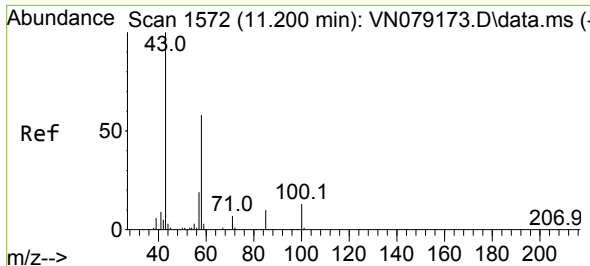
Ion Ratio Lower Upper

43 100

58 40.1 33.6 50.4

85 17.7 15.0 22.4

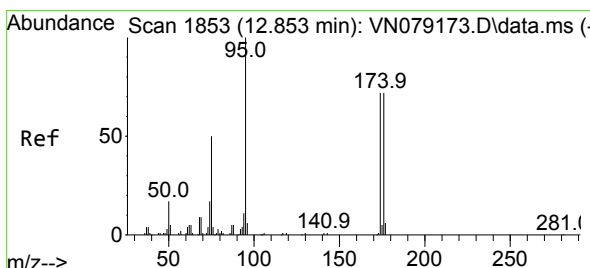
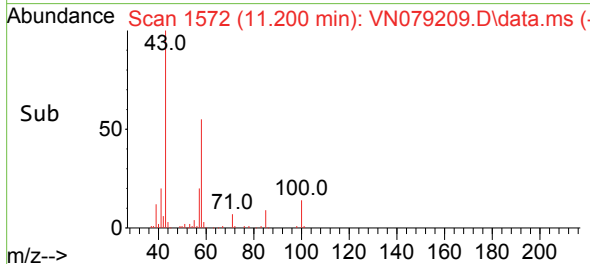
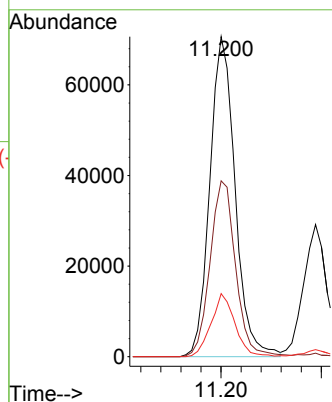
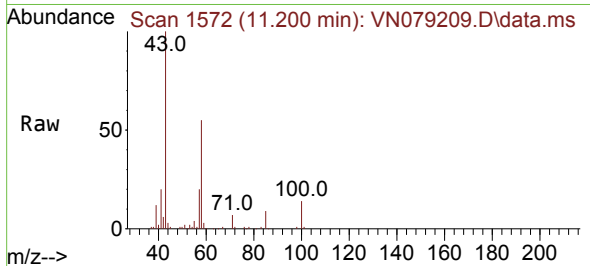




#59
2-Hexanone
Concen: 91.322 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

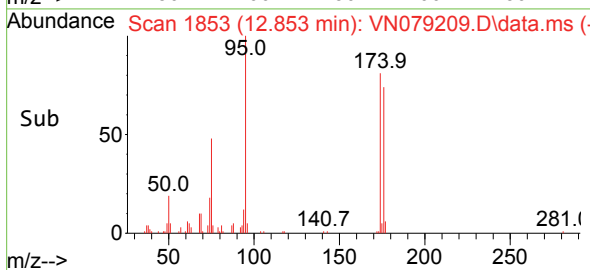
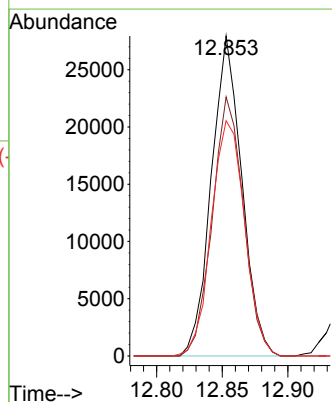
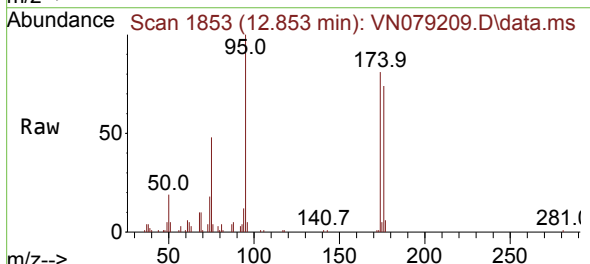
Instrument :
MSVOA_N
ClientSampleId :

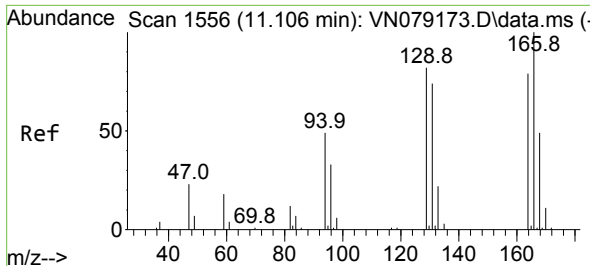
Tgt Ion: 43 Resp: 123677
Ion Ratio Lower Upper
43 100
58 55.5 46.4 69.6
57 18.6 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.126 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

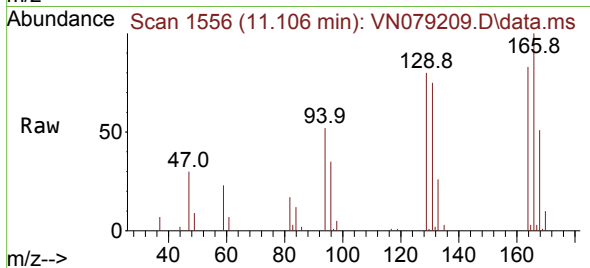
Tgt Ion: 95 Resp: 45098
Ion Ratio Lower Upper
95 100
174 83.0 59.5 89.3
176 80.6 59.1 88.7



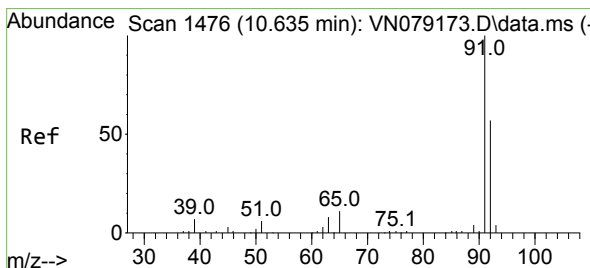
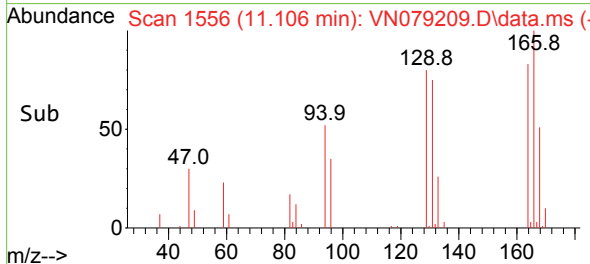
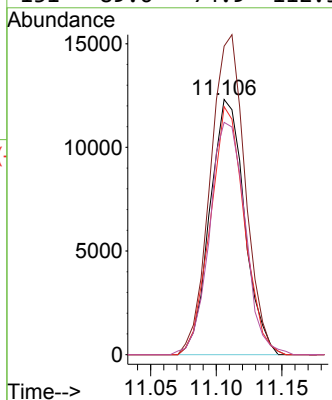


#61
Tetrachloroethene
Concen: 19.691 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

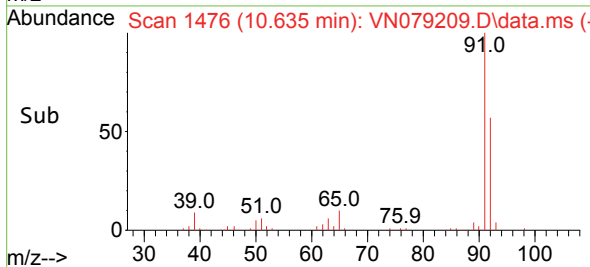
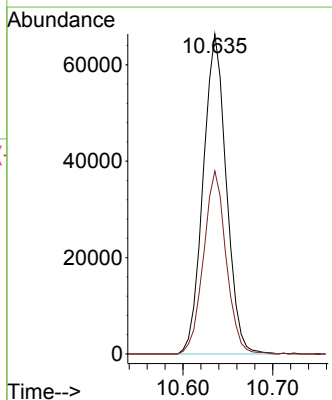
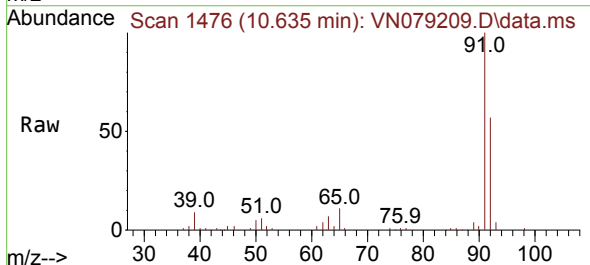


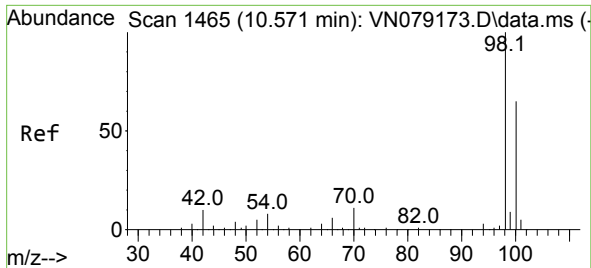
Tgt Ion:164 Resp: 22516
Ion Ratio Lower Upper
164 100
166 120.9 101.9 152.9
129 97.2 83.4 125.0
131 89.6 74.9 112.3



#62
Toluene
Concen: 19.422 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 91 Resp: 118839
Ion Ratio Lower Upper
91 100
92 56.0 45.7 68.5

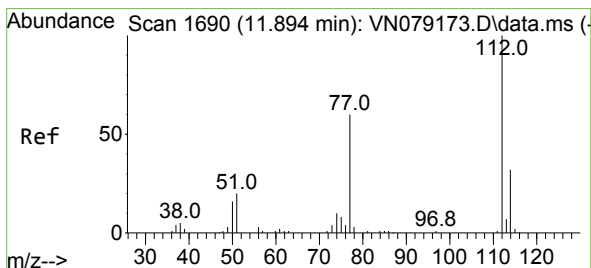
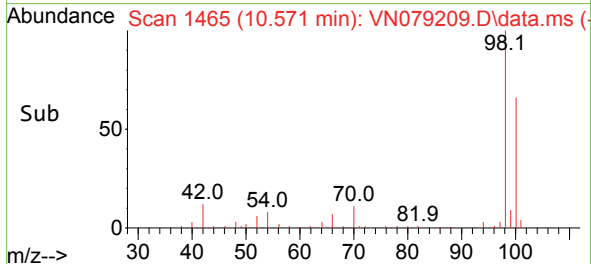
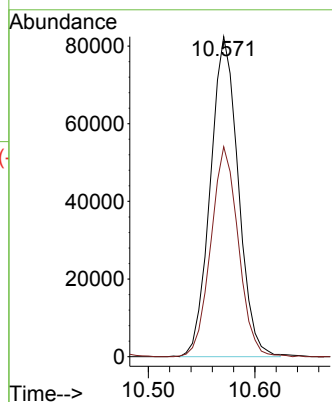
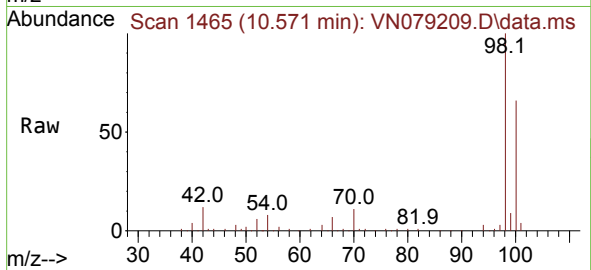




#63
Toluene-d8
Concen: 30.523 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

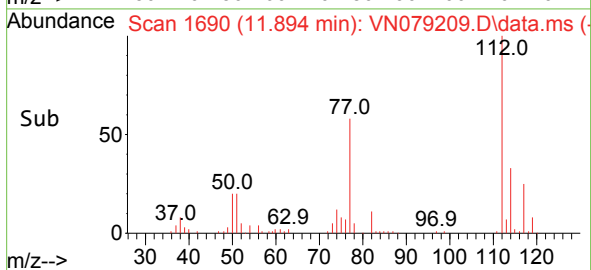
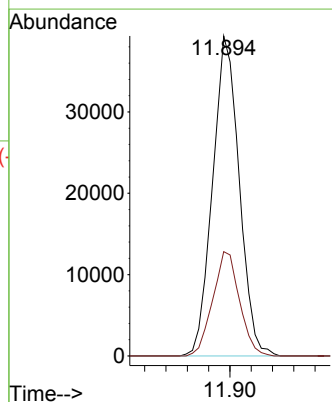
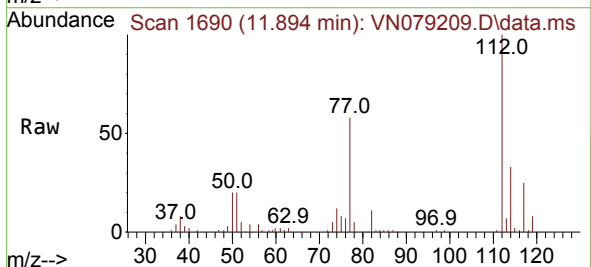
Instrument :
MSVOA_N
ClientSampleId :

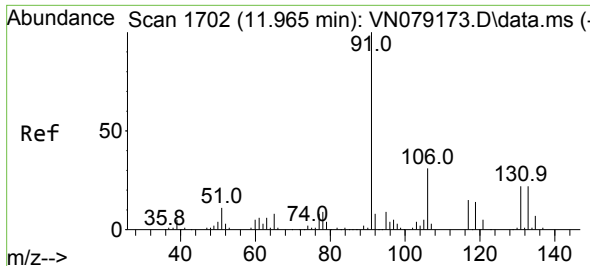
Tgt Ion: 98 Resp: 149899
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#64
Chlorobenzene
Concen: 19.104 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 112 Resp: 68190
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

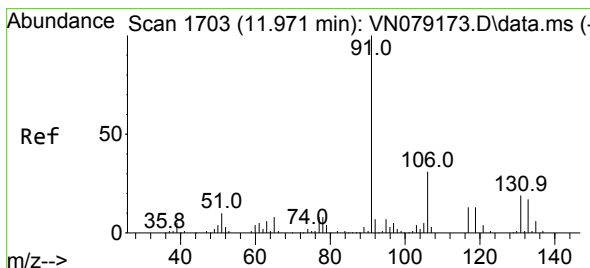
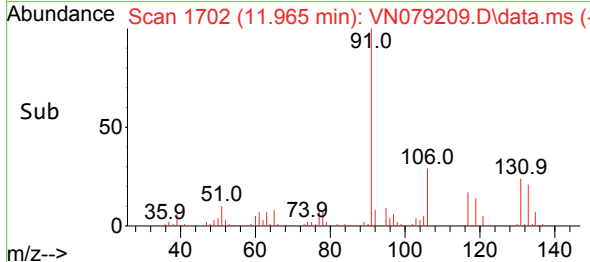
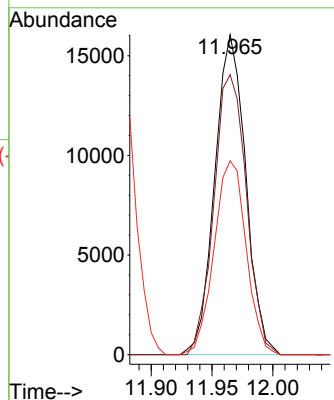
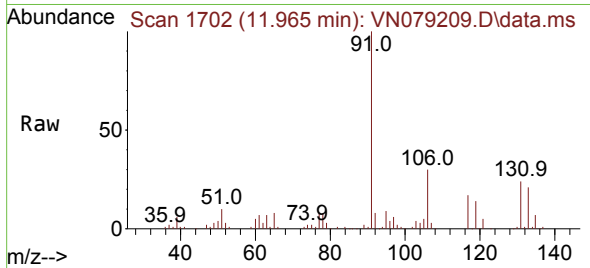




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.806 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

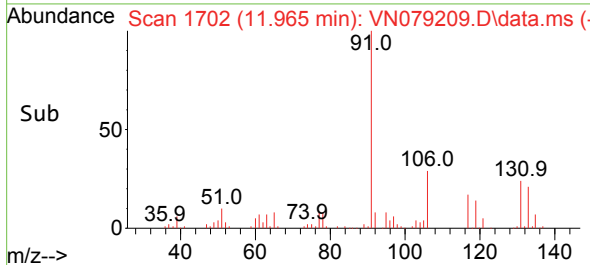
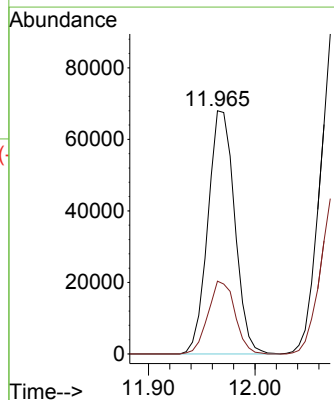
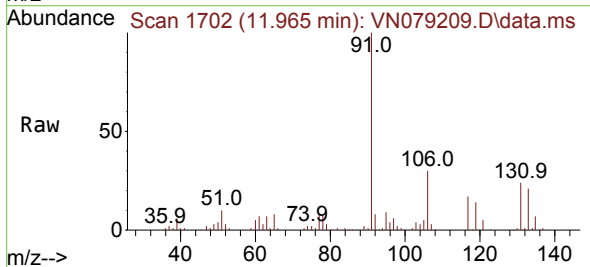
Instrument :
 MSVOA_N
 ClientSampleId :

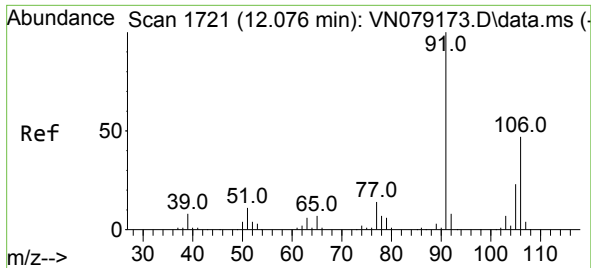
Tgt Ion:131 Resp: 28433
 Ion Ratio Lower Upper
 131 100
 133 91.9 0.0 193.0
 119 62.7 0.0 131.2



#66
 Ethyl Benzene
 Concen: 19.279 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Tgt Ion: 91 Resp: 118770
 Ion Ratio Lower Upper
 91 100
 106 30.0 25.0 37.6

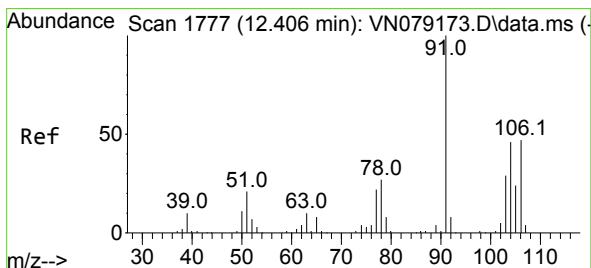
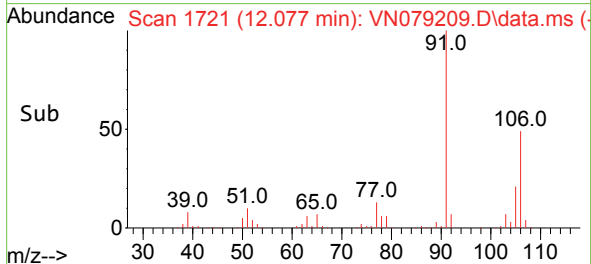
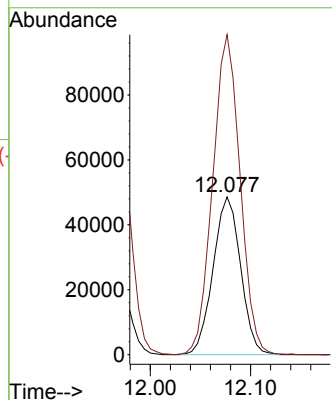
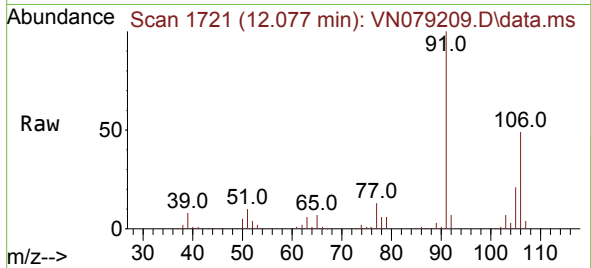




#67
m/p-Xylenes
Concen: 39.954 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

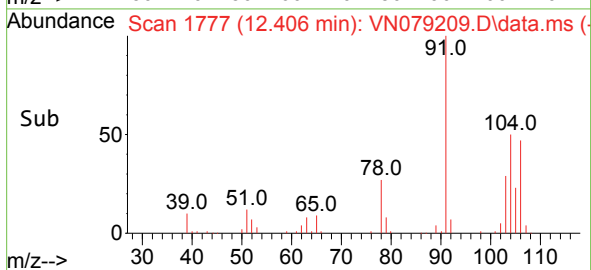
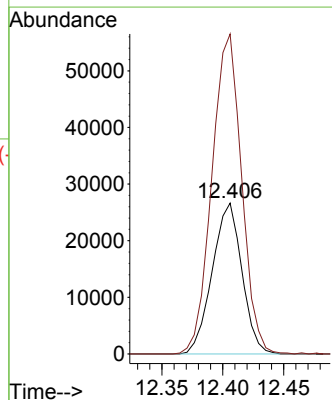
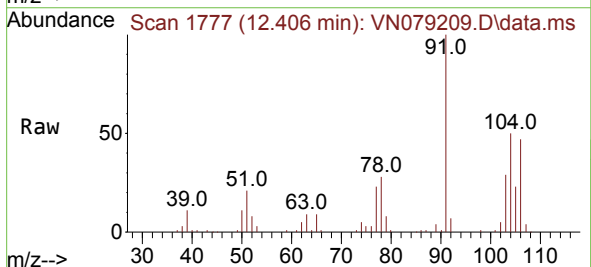
Instrument :
MSVOA_N
ClientSampleId :

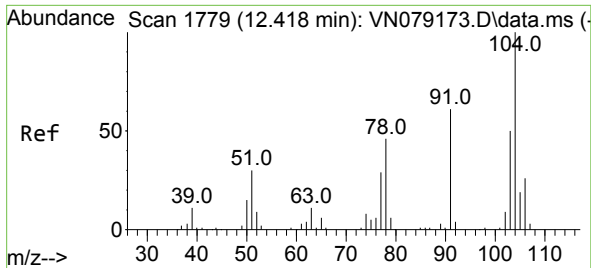
Tgt Ion:106 Resp: 92617
Ion Ratio Lower Upper
106 100
91 201.7 165.2 247.8



#68
o-Xylene
Concen: 20.203 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:106 Resp: 45166
Ion Ratio Lower Upper
106 100
91 212.5 109.7 329.1

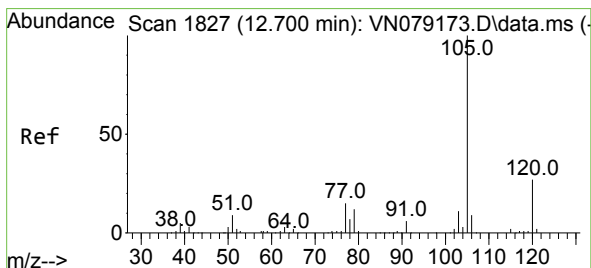
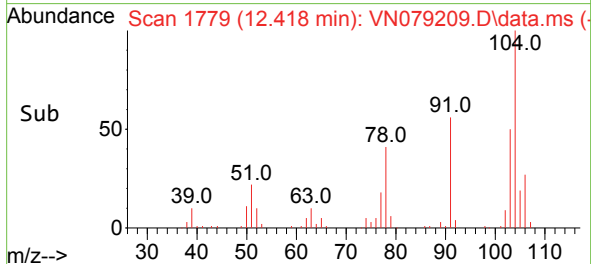
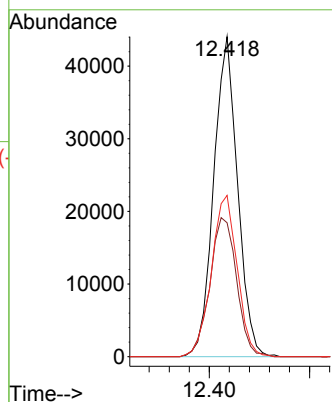
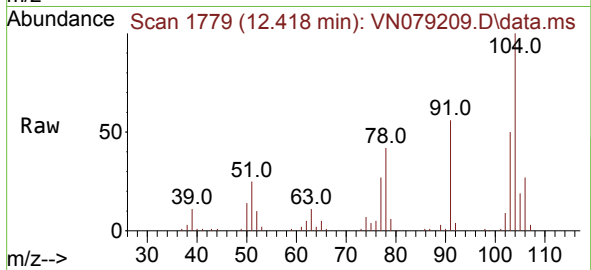




#69
Styrene
Concen: 20.421 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

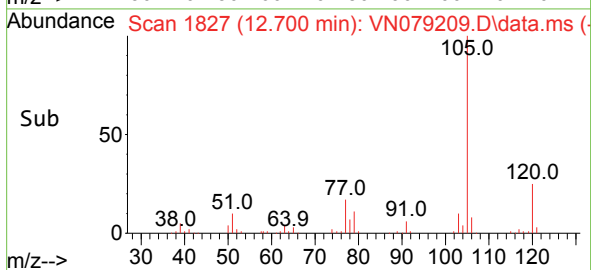
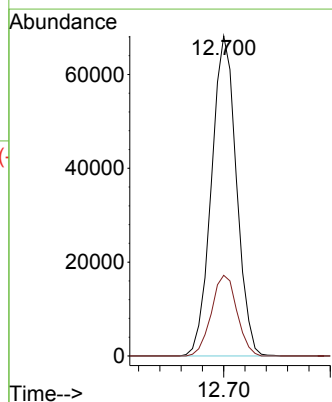
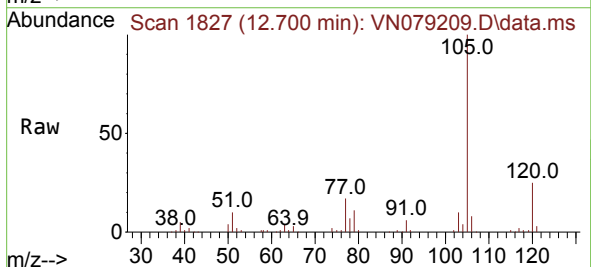
Instrument :
MSVOA_N
ClientSampleId :

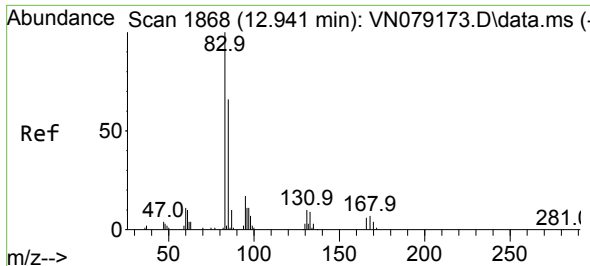
Tgt Ion:104 Resp: 72815
Ion Ratio Lower Upper
104 100
78 48.7 40.5 60.7
103 54.5 43.3 64.9



#70
Isopropylbenzene
Concen: 19.535 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:105 Resp: 111005
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3

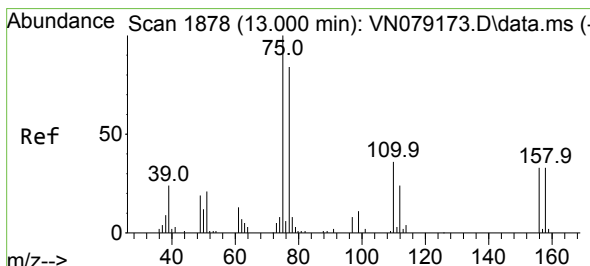
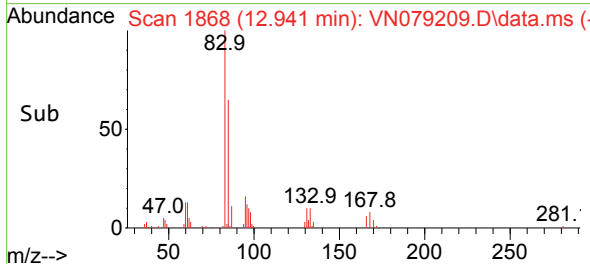
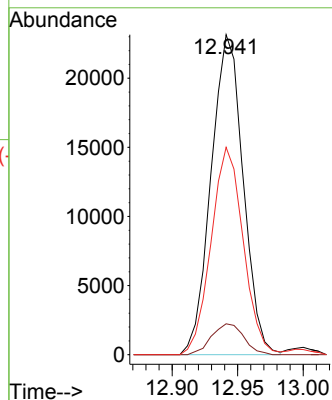
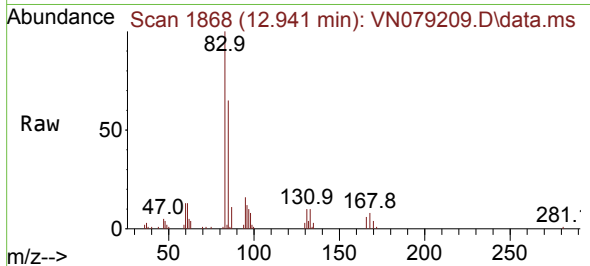




#71
1,1,2,2-Tetrachloroethane
Concen: 18.527 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

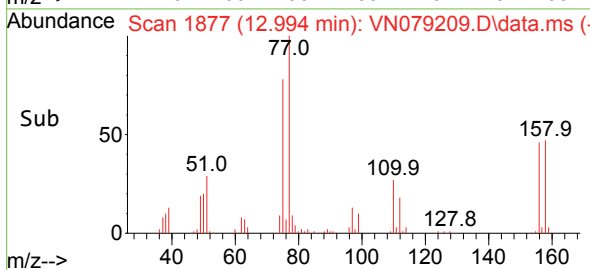
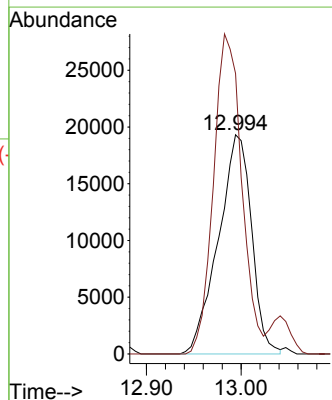
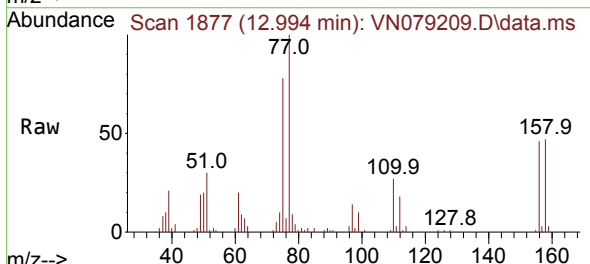
Instrument :
MSVOA_N
ClientSampleId :

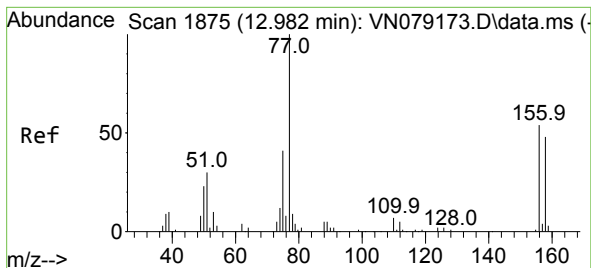
Tgt Ion: 83 Resp: 39383
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 64.9 33.1 99.3



#72
1,2,3-Trichloropropane
Concen: 26.330 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 75 Resp: 47094
Ion Ratio Lower Upper
75 100
77 124.1 0.0 252.2





#73

Bromobenzene

Concen: 19.185 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

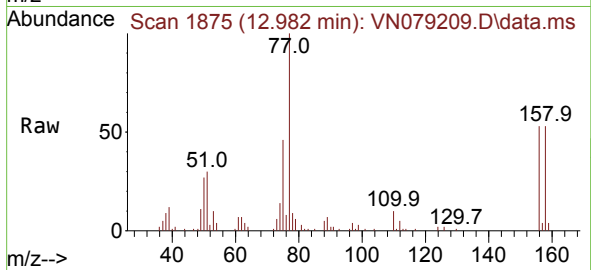
Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :



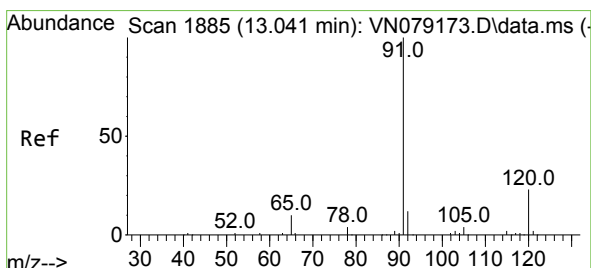
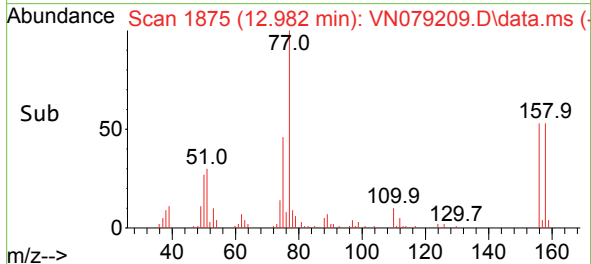
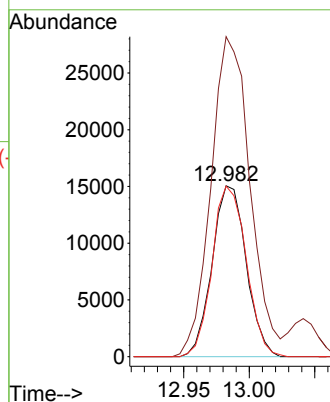
Tgt Ion:156 Resp: 27233

Ion Ratio Lower Upper

156 100

77 214.5 0.0 446.6

158 99.7 0.0 188.6



#74

n-propylbenzene

Concen: 19.190 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079209.D

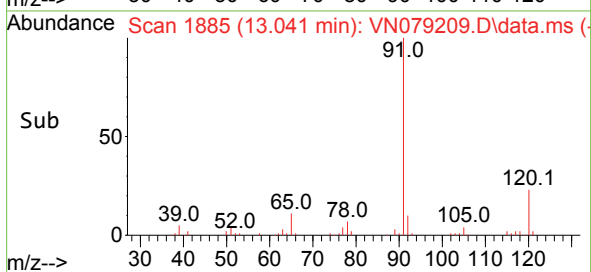
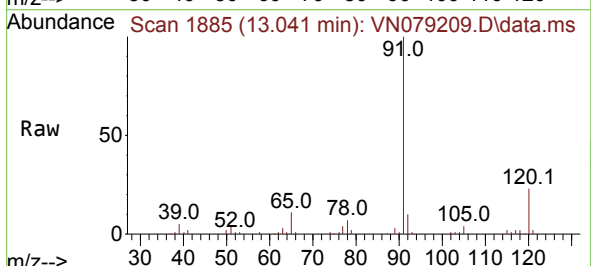
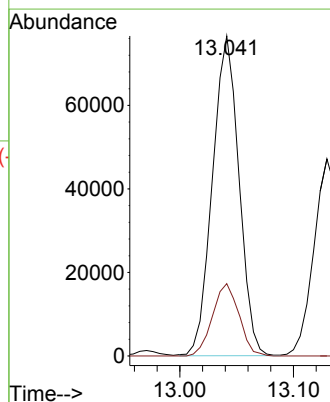
Acq: 11 Sep 2023 10:34

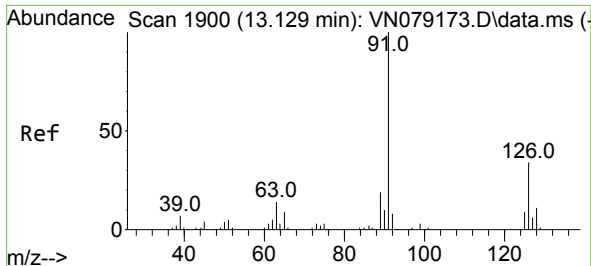
Tgt Ion: 91 Resp: 124246

Ion Ratio Lower Upper

91 100

120 22.5 0.0 44.0

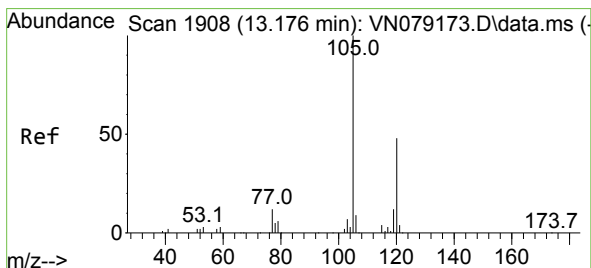
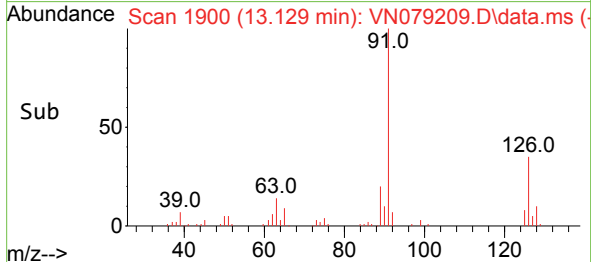
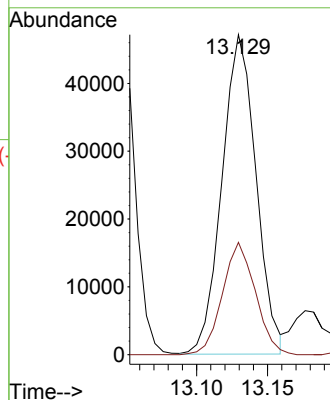
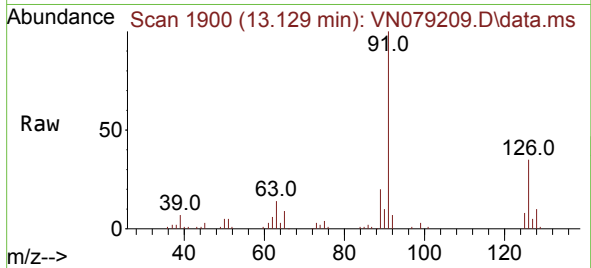




#75
2-Chlorotoluene
Concen: 18.941 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

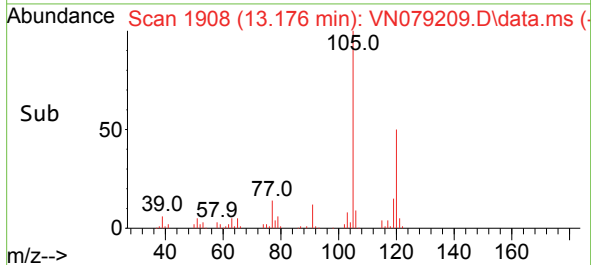
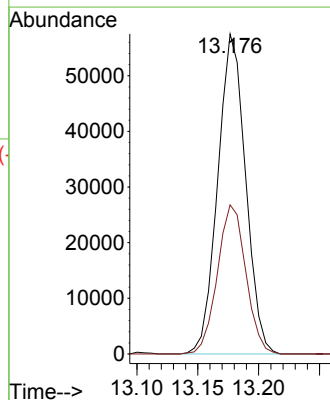
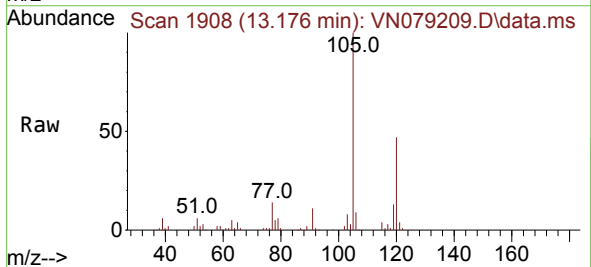
Instrument :
MSVOA_N
ClientSampleId :

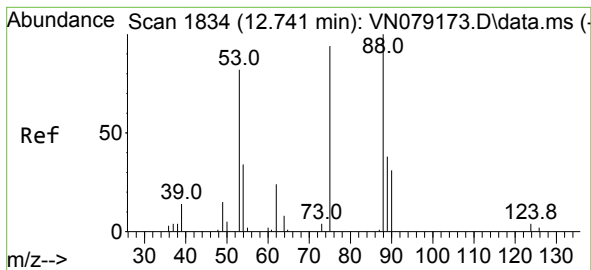
Tgt Ion: 91 Resp: 78633
Ion Ratio Lower Upper
91 100
126 33.9 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 19.447 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 105 Resp: 91373
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.6

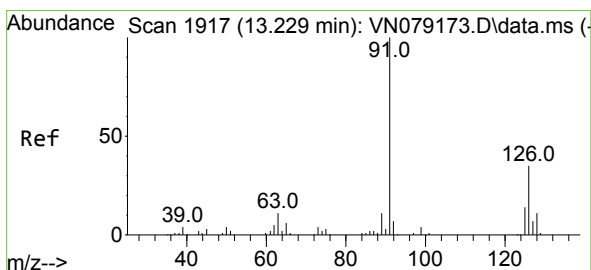
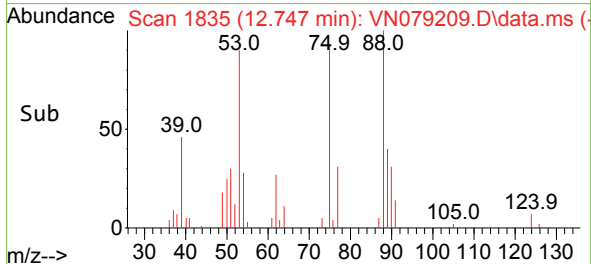
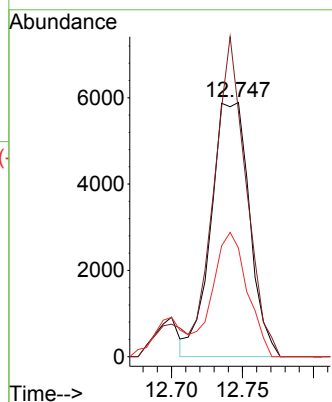
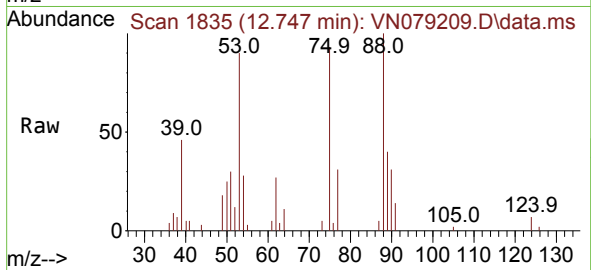




#77
t-1,4-Dichloro-2-butene
Concen: 17.608 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

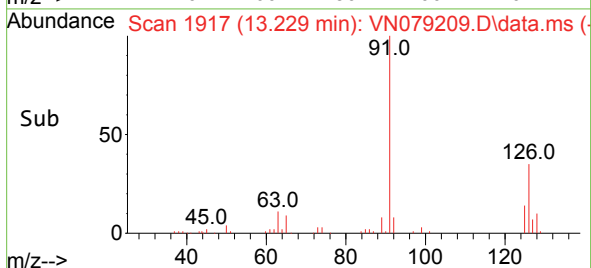
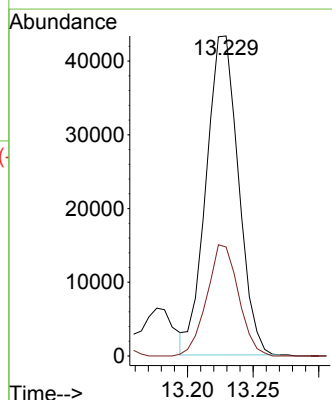
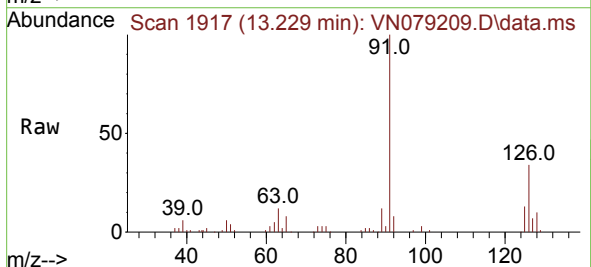
Instrument :
MSVOA_N
ClientSampleId :

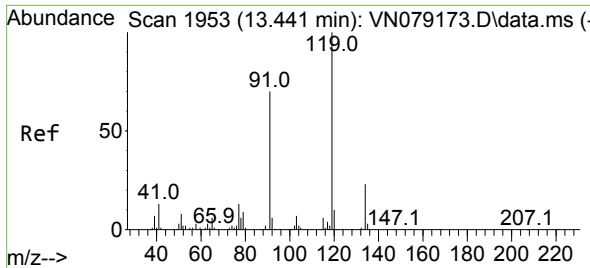
Tgt Ion: 75 Resp: 11088
Ion Ratio Lower Upper
75 100
53 96.4 44.1 132.4
89 42.8 22.4 67.3



#78
4-Chlorotoluene
Concen: 18.946 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion: 91 Resp: 74270
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.6

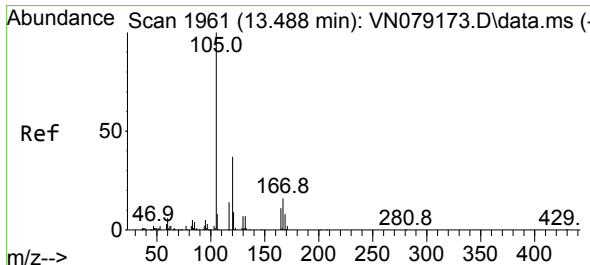
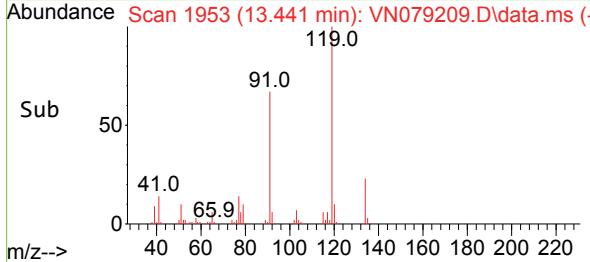
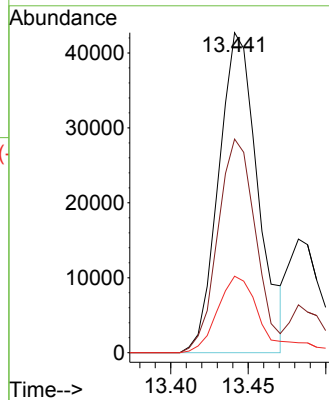
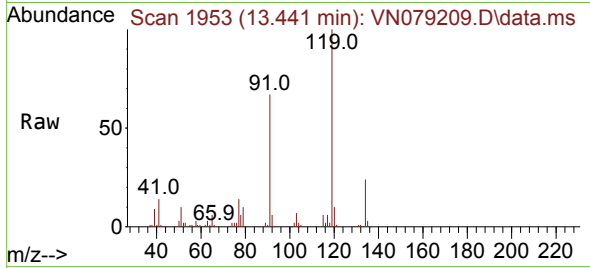




#79
tert-butylbenzene
Concen: 19.469 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

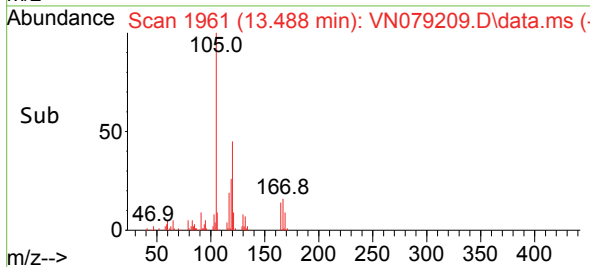
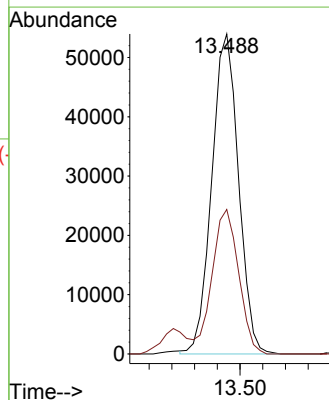
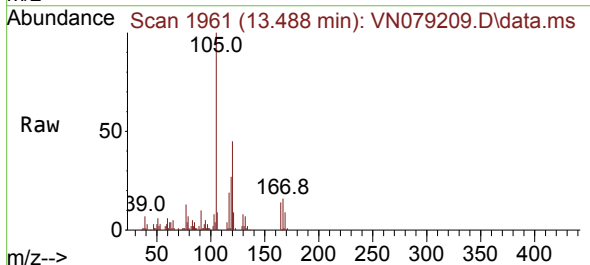
Instrument :
MSVOA_N
ClientSampleId :

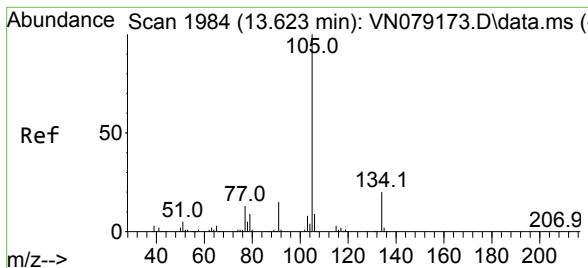
Tgt Ion:119 Resp: 75083
Ion Ratio Lower Upper
119 100
91 64.8 0.0 130.8
134 24.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.676 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:105 Resp: 88287
Ion Ratio Lower Upper
105 100
120 44.7 0.0 90.0





#81

sec-Butylbenzene

Concen: 18.983 ug/l

RT: 13.624 min Scan# 1984

Delta R.T. 0.001 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

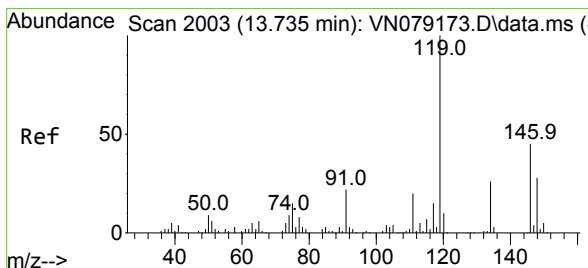
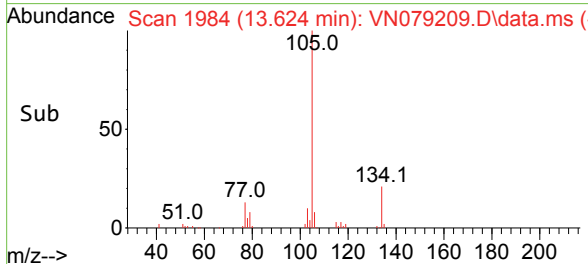
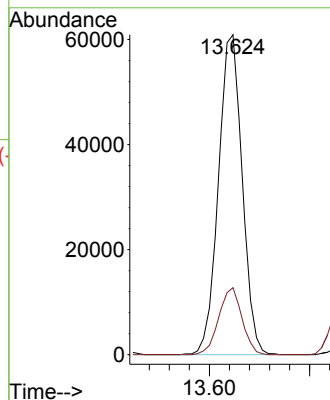
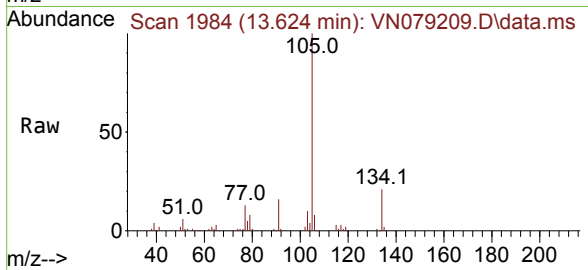
ClientSampleId :

Tgt Ion:105 Resp: 100167

Ion Ratio Lower Upper

105 100

134 20.4 0.0 38.6



#82

p-Isopropyltoluene

Concen: 18.797 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

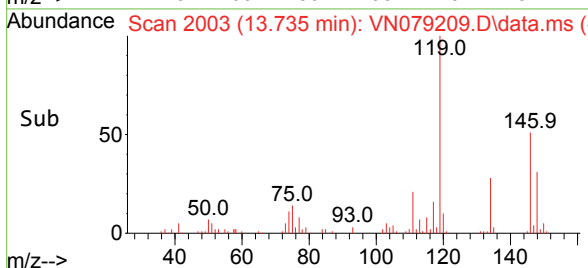
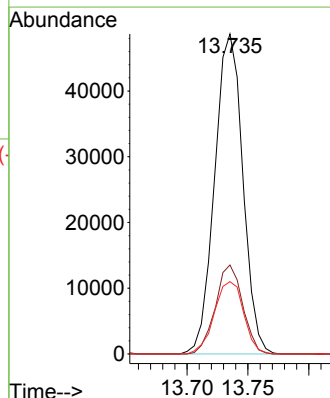
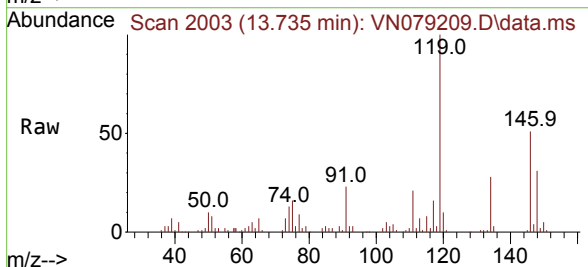
Tgt Ion:119 Resp: 78346

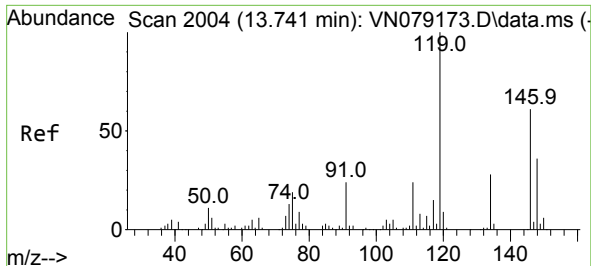
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.8

91 23.6 0.0 48.0

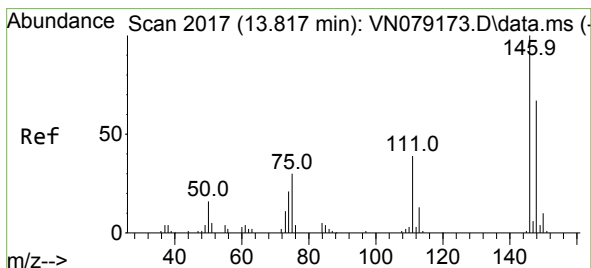
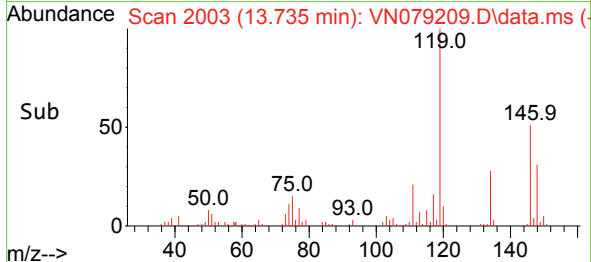
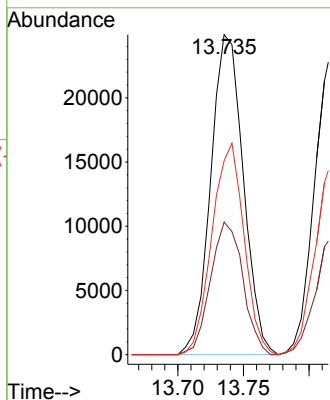
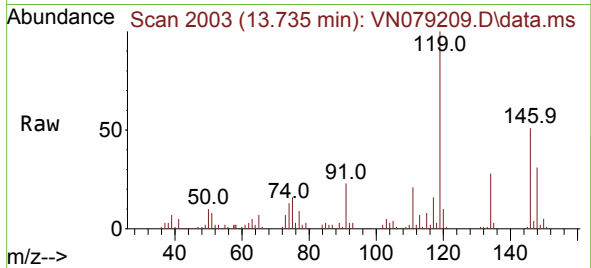




#83
 1,3-Dichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.735 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

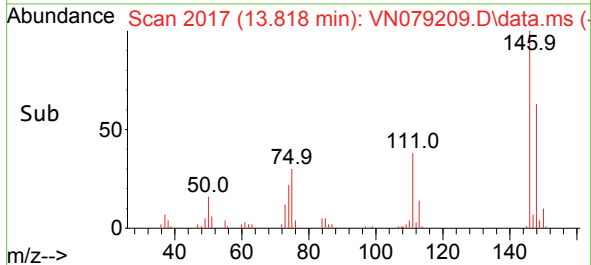
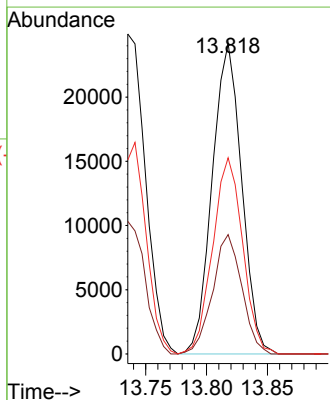
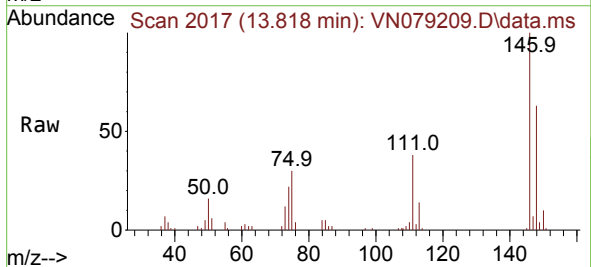
Instrument :
 MSVOA_N
 ClientSampleId :

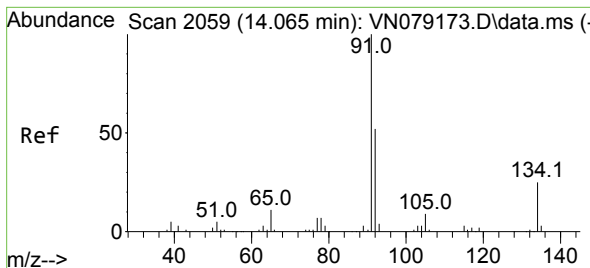
Tgt Ion:146 Resp: 43019
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 65.1 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 19.240 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN079209.D
 Acq: 11 Sep 2023 10:34

Tgt Ion:146 Resp: 40676
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 64.5 32.1 96.5





#85

n-Butylbenzene

Concen: 18.318 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN079209.D

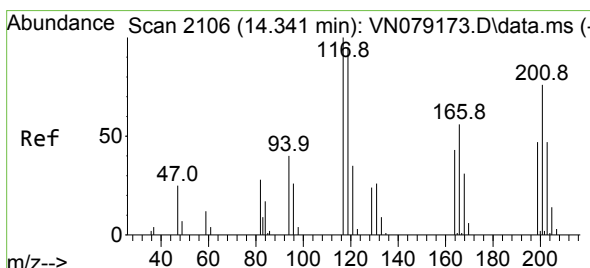
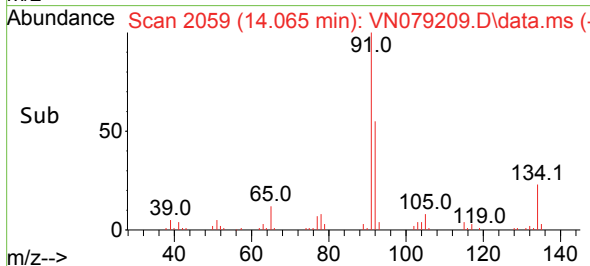
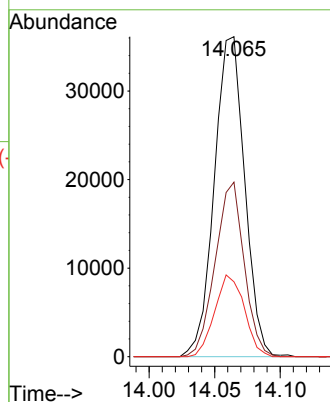
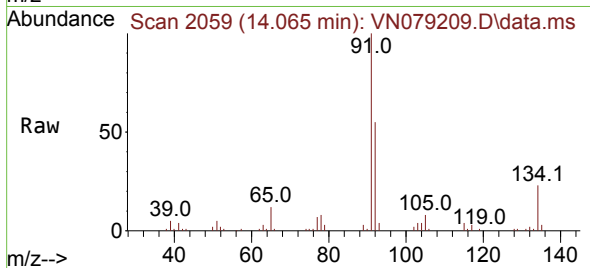
Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	58150
Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	105.0
134	24.9	0.0	49.6



#86

Hexachloroethane

Concen: 18.902 ug/l

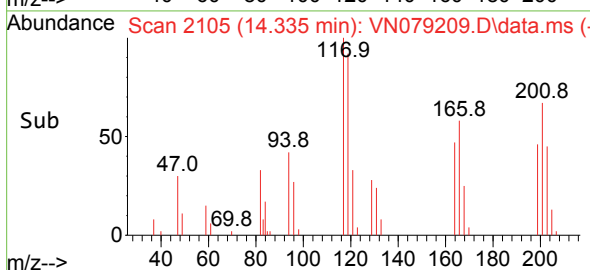
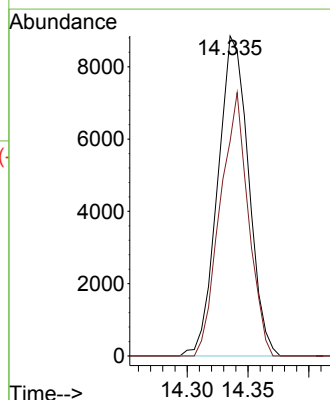
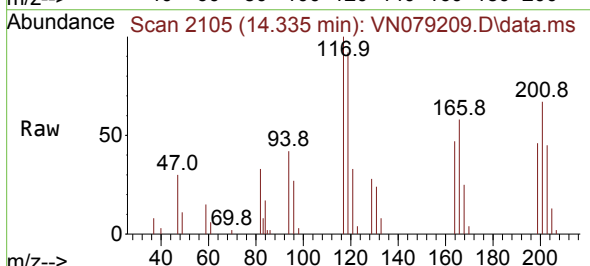
RT: 14.335 min Scan# 2105

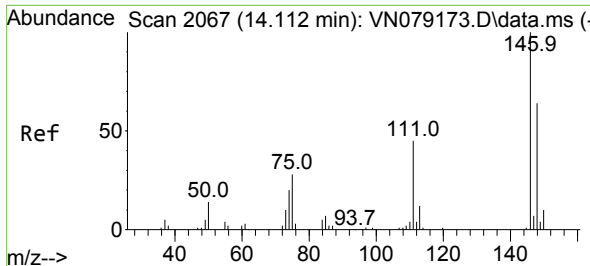
Delta R.T. -0.006 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

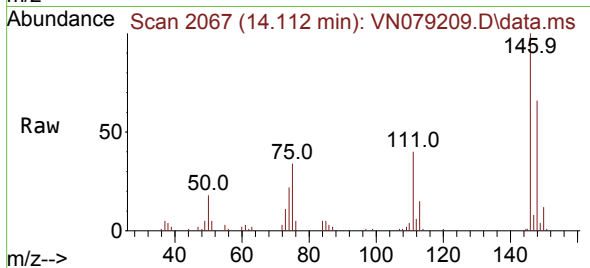
Tgt Ion:	117	Resp:	15599
Ion	Ratio	Lower	Upper
117	100		
201	75.1	37.2	111.6



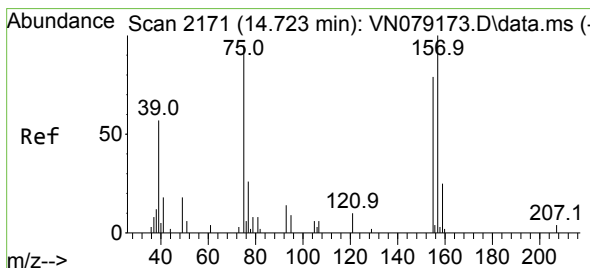
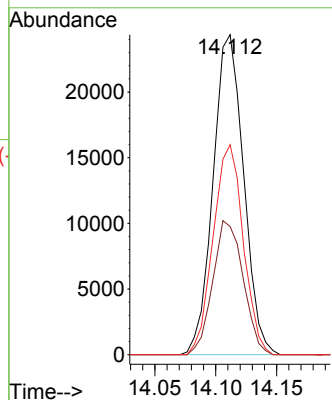
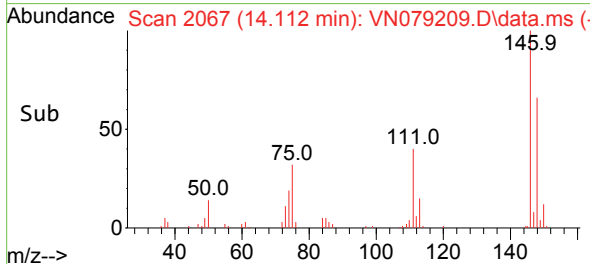


#87
1,2-Dichlorobenzene
Concen: 19.110 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

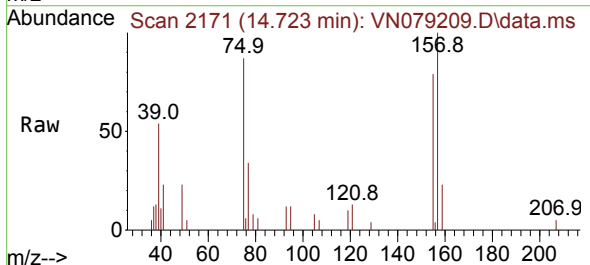
Instrument :
MSVOA_N
ClientSampleId :



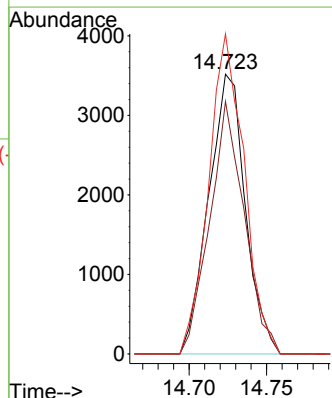
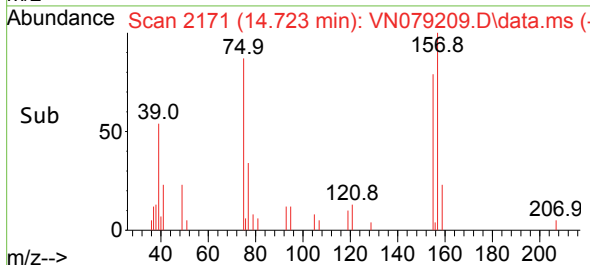
Tgt Ion:146 Resp: 42513
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 64.5 31.8 95.3

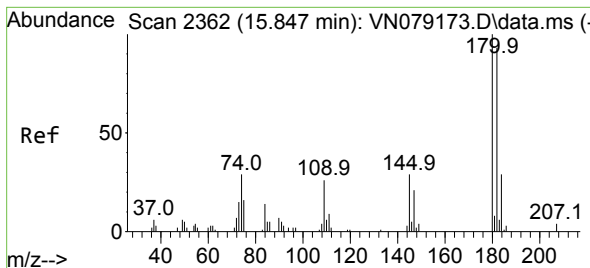


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.134 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34



Tgt Ion: 75 Resp: 5797
Ion Ratio Lower Upper
75 100
155 85.0 68.1 102.1
157 110.4 83.9 125.9





#89

1,2,4-Trichlorobenzene

Concen: 17.044 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

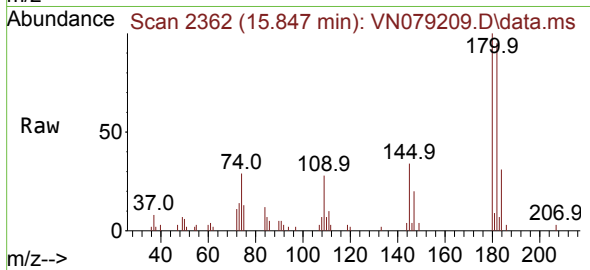
Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :



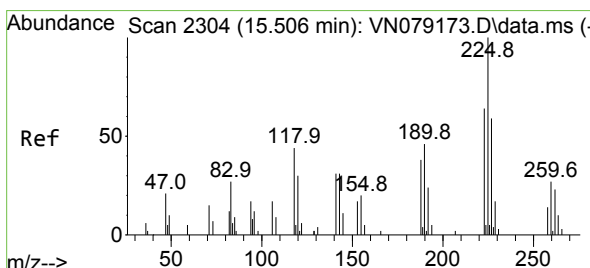
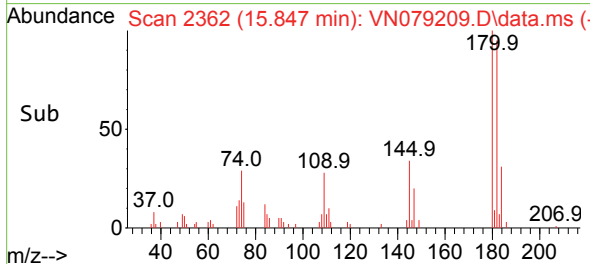
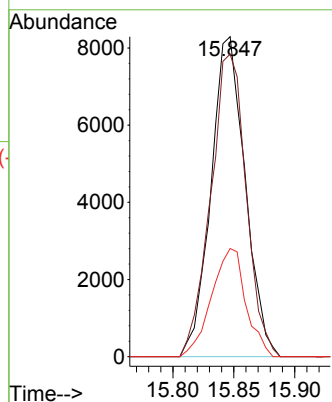
Tgt Ion:180 Resp: 16225

Ion Ratio Lower Upper

180 100

182 97.7 74.5 111.7

145 33.9 26.2 39.2



#90

Hexachlorobutadiene

Concen: 19.891 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079209.D

Acq: 11 Sep 2023 10:34

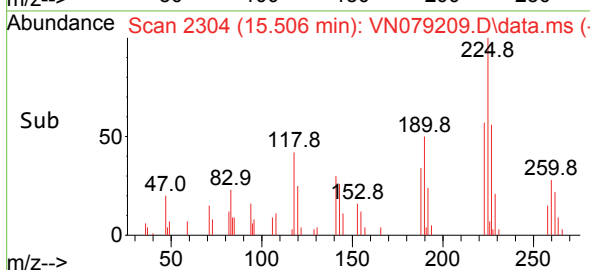
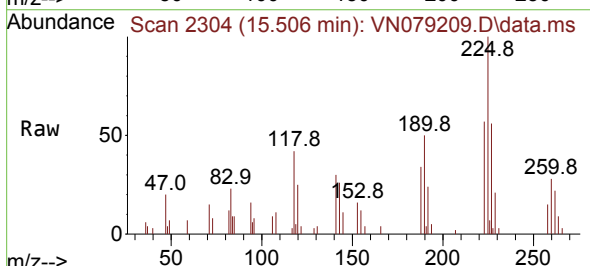
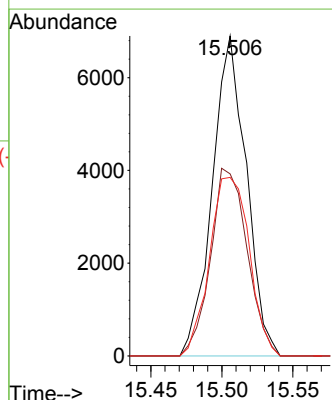
Tgt Ion:225 Resp: 11502

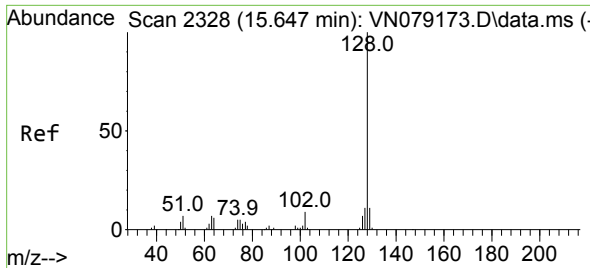
Ion Ratio Lower Upper

225 100

223 63.1 0.0 125.6

227 65.3 0.0 124.0

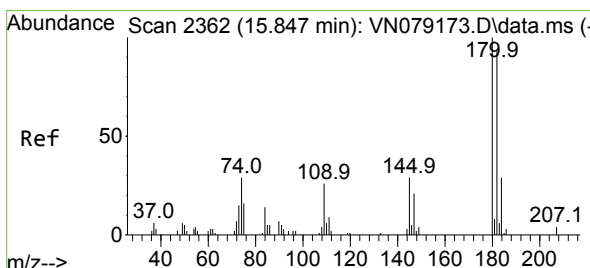
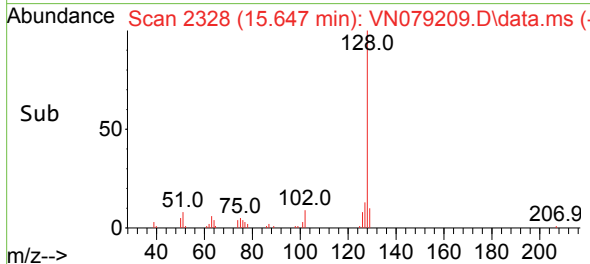
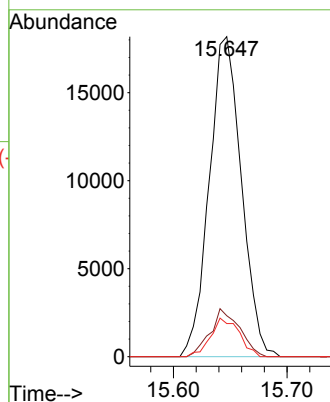
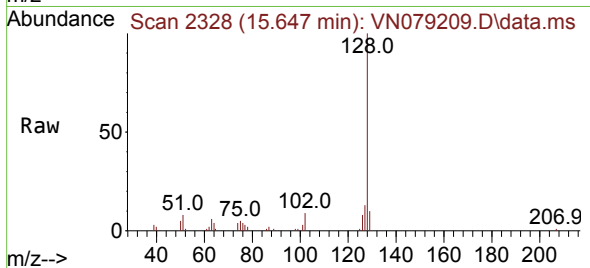




#91
Naphthalene
Concen: 14.367 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	35740
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.1	15.1
129	10.7	8.5	12.7



#92
1,2,3-Trichlorobenzene
Concen: 17.044 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079209.D
Acq: 11 Sep 2023 10:34

Tgt Ion:	180	Resp:	16225
Ion Ratio	Lower	Upper	
180	100		
182	97.7	0.0	186.2
145	33.9	0.0	65.4

