

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079058.D
 Acq On : 28 Aug 2023 11:12
 Operator : JC\MD
 Sample : VN0828WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 05:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	49244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	283397	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	252949	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	120267	30.146	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.500%
60) 4-Bromofluorobenzene	12.853	95	110912	30.059	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.200%
63) Toluene-d8	10.571	98	352580	29.848	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	62145	19.999	ug/l	97
3) Chloromethane	2.365	50	70553	18.945	ug/l	95
4) Vinyl Chloride	2.518	62	69900	18.965	ug/l	95
5) Bromomethane	2.948	94	49034	21.552	ug/l	96
6) Chloroethane	3.118	64	49105	20.502	ug/l	97
7) Trichlorofluoromethane	3.495	101	101801	20.507	ug/l	97
8) Diethyl Ether	3.959	74	36889	19.757	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	52583	20.281	ug/l	96
10) 1,1-Dichloroethene	4.342	96	51657	19.804	ug/l #	85
11) Methyl Iodide	4.589	142	61843	19.648	ug/l	94
12) Methyl Acetate	5.036	43	116356	19.031	ug/l	97
13) Acrolein	4.183	56	24051	56.439	ug/l	96
14) Acrylonitrile	5.724	53	149625	93.098	ug/l #	91
15) Acetone	4.430	58	55665	112.908	ug/l	95
16) Carbon Disulfide	4.718	76	138766	18.515	ug/l	98
17) Allyl chloride	5.024	41	93525	19.562	ug/l	98
18) Methylene Chloride	5.283	84	61685	19.782	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	55984	19.070	ug/l	91
20) Diisopropyl ether	6.683	45	206732	19.879	ug/l #	92
21) 1,1-Dichloroethane	6.571	63	115283	19.977	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	66499	19.792	ug/l	98
23) tert-Butyl Alcohol	5.524	59	56203	93.750	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	181639	19.617	ug/l #	83
25) Chloroform	7.965	83	114460	19.689	ug/l	99
26) Cyclohexane	8.265	56	87463	20.719	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	85948	19.936	ug/l	98
30) 2-Butanone	7.488	43	241314	95.617	ug/l	100
31) 2,2-Dichloropropane	7.494	77	96907	20.339	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	100555	19.537	ug/l	99
33) Carbon Tetrachloride	8.365	117	87569	19.642	ug/l #	95
34) Benzene	8.612	78	249996	19.351	ug/l	97
35) Methacrylonitrile	7.783	41	46239	17.190	ug/l	97
36) 1,2-Dichloroethane	8.677	62	92671	19.155	ug/l	98
37) Trichloroethene	9.353	130	60197	18.719	ug/l	98
38) Methylcyclohexane	9.606	83	83933	22.114	ug/l	97
39) 1,2-Dichloropropane	9.630	63	65861	18.926	ug/l	100
40) Dibromomethane	9.712	93	45236	19.393	ug/l	96
41) Bromodichloromethane	9.894	83	90906	19.379	ug/l	97
42) Vinyl Acetate	6.612	43	635556	89.319	ug/l	98

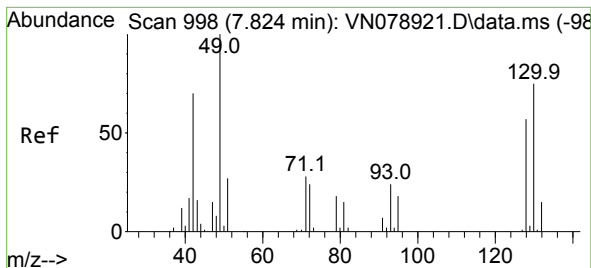
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	86266	17.619	ug/l	98
44) Isopropyl Acetate	8.694	43	149407	17.318	ug/l	98
45) 1,4-Dioxane	9.700	88	23623	363.875	ug/l	94
46) Methyl methacrylate	9.688	41	71146	18.717	ug/l	95
47) n-amyl Acetate	12.500	43	113946	17.212	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	92323	18.479	ug/l	91
49) cis-1,3-Dichloropropene	10.318	75	100790	18.813	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	61967	19.658	ug/l	95
51) Ethyl methacrylate	10.876	69	94153	19.298	ug/l	91
52) 1,3-Dichloropropane	11.165	76	106371	18.840	ug/l	98
53) Dibromochloromethane	11.365	129	63675	18.456	ug/l	100
54) 1,2-Dibromoethane	11.471	107	59937	18.520	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	123348	54.697	ug/l	98
56) Bromoform	12.582	173	42230	17.349	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	456944	91.050	ug/l	99
59) 2-Hexanone	11.200	43	340435	92.584	ug/l	100
61) Tetrachloroethene	11.112	164	51255	20.927	ug/l	97
62) Toluene	10.635	91	270136	19.561	ug/l	100
64) Chlorobenzene	11.894	112	161671	19.471	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	62020	19.535	ug/l	100
66) Ethyl Benzene	11.971	91	286952	19.865	ug/l	98
67) m/p-Xylenes	12.076	106	219433	40.741	ug/l	99
68) o-Xylene	12.400	106	105575	19.880	ug/l	98
69) Styrene	12.418	104	168182	19.490	ug/l	99
70) Isopropylbenzene	12.700	105	264991	20.594	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	88849	18.420	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	107795	27.240	ug/l	61
73) Bromobenzene	12.982	156	61920	18.902	ug/l	97
74) n-propylbenzene	13.041	91	309627	21.232	ug/l	100
75) 2-Chlorotoluene	13.129	91	187318	20.248	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	216312	21.207	ug/l	100
77) t-1,4-Dichloro-2-butene	12.747	75	26665	18.132	ug/l	79
78) 4-Chlorotoluene	13.223	91	180828	20.402	ug/l	99
79) tert-butylbenzene	13.447	119	179087	20.777	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	207929	20.731	ug/l	96
81) sec-Butylbenzene	13.623	105	251578	22.116	ug/l	99
82) p-Isopropyltoluene	13.735	119	204403	22.009	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	110653	20.931	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	102442	19.737	ug/l	99
85) n-Butylbenzene	14.059	91	160785	22.011	ug/l	97
86) Hexachloroethane	14.335	117	38618	20.322	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	108171	19.977	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	14832	17.132	ug/l	94
89) 1,2,4-Trichlorobenzene	15.847	180	42113	19.693	ug/l	98
90) Hexachlorobutadiene	15.506	225	24234	21.767	ug/l	97
91) Naphthalene	15.647	128	110188	17.865	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	42113	19.693	ug/l	98

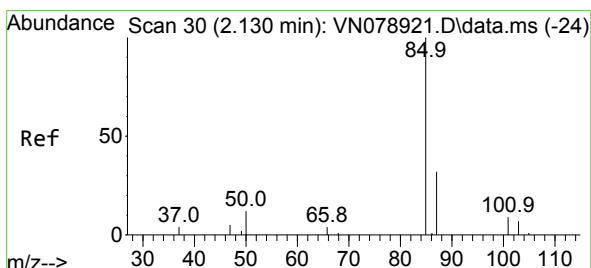
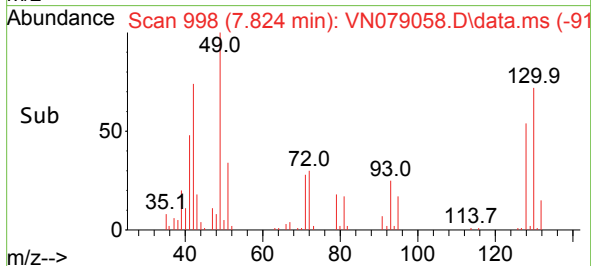
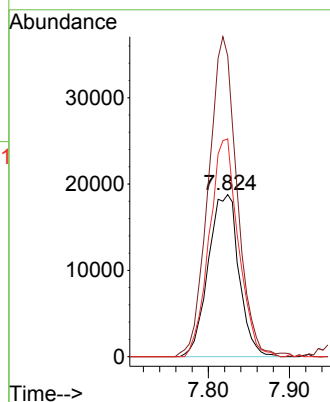
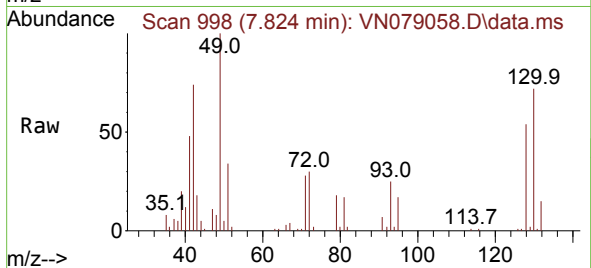
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

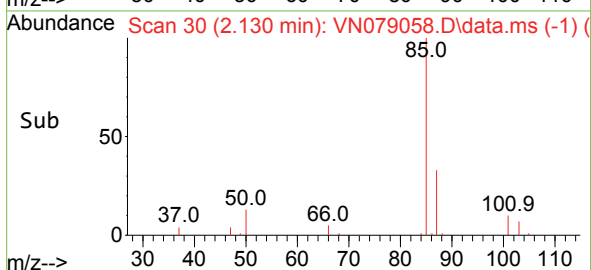
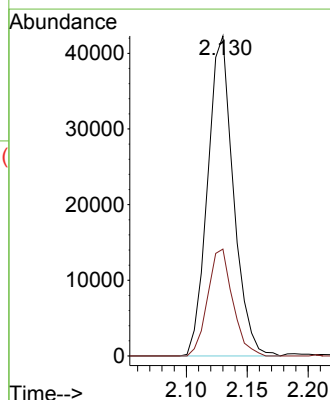
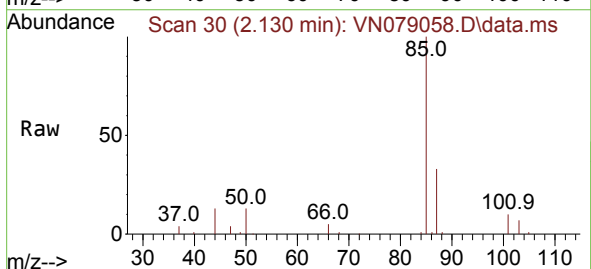
Instrument :
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ClientSampleId :

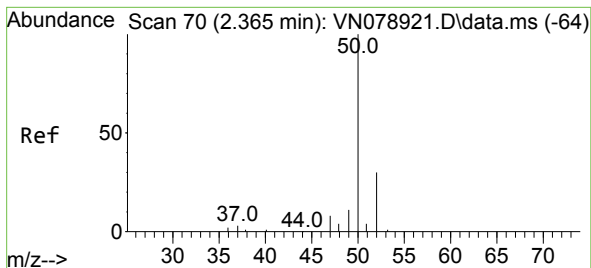
Tgt Ion:128 Resp: 49244
Ion Ratio Lower Upper
128 100
49 184.1 0.0 481.8
130 127.6 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 19.999 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 85 Resp: 62145
Ion Ratio Lower Upper
85 100
87 33.4 15.9 47.7





#3

Chloromethane

Concen: 18.945 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

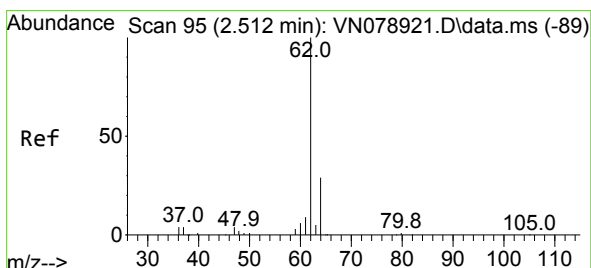
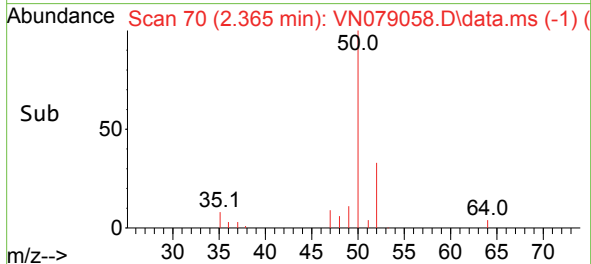
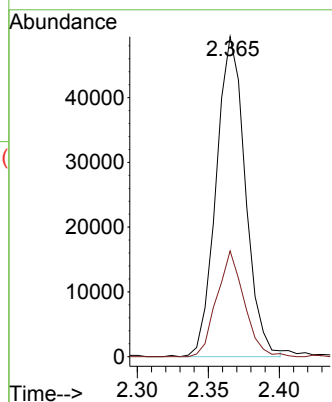
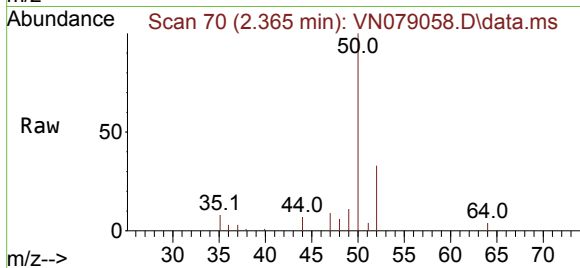
ClientSampleId :

Tgt Ion: 50 Resp: 70553

Ion Ratio Lower Upper

50 100

52 33.0 24.2 36.4



#4

Vinyl Chloride

Concen: 18.965 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079058.D

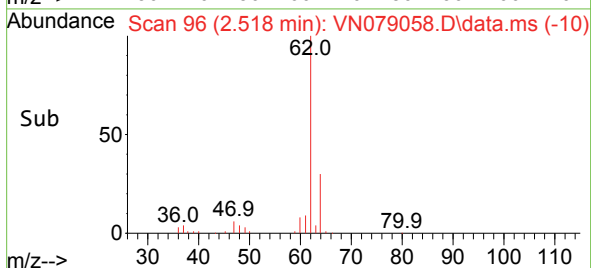
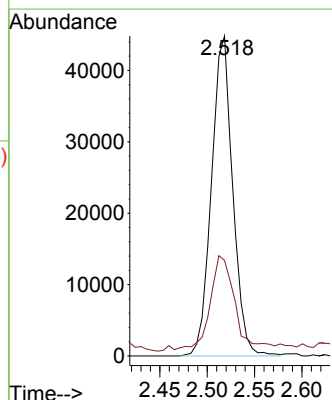
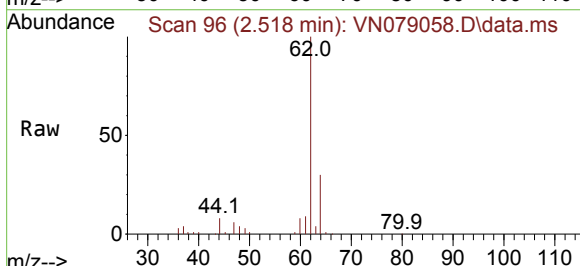
Acq: 28 Aug 2023 11:12

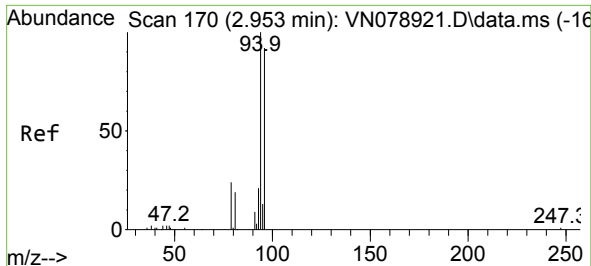
Tgt Ion: 62 Resp: 69900

Ion Ratio Lower Upper

62 100

64 27.3 23.8 35.8

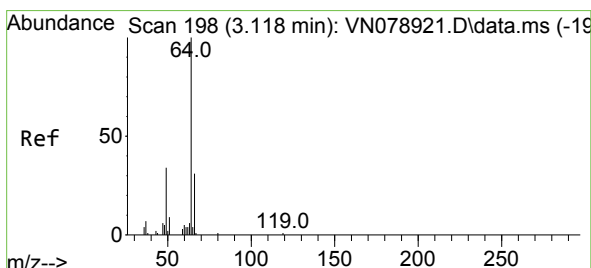
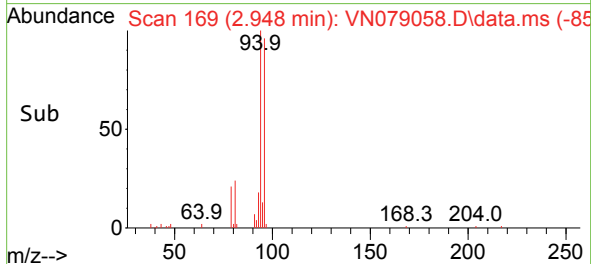
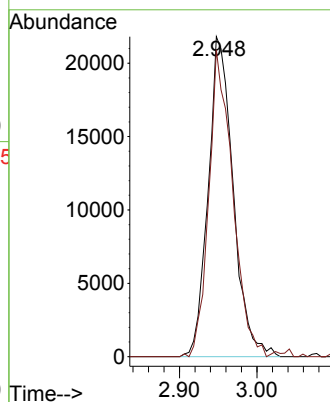
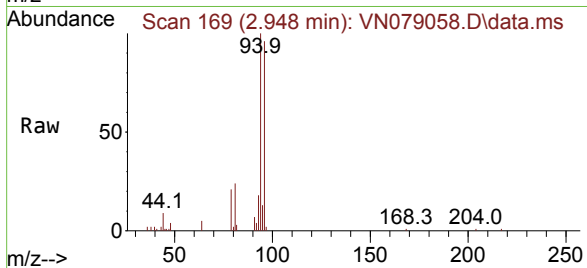




#5
Bromomethane
Concen: 21.552 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

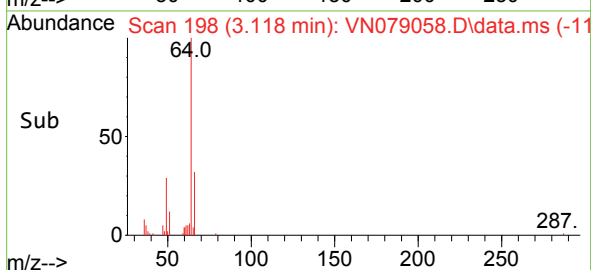
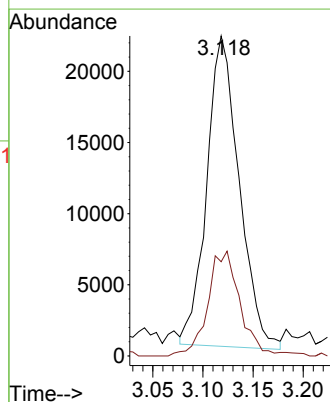
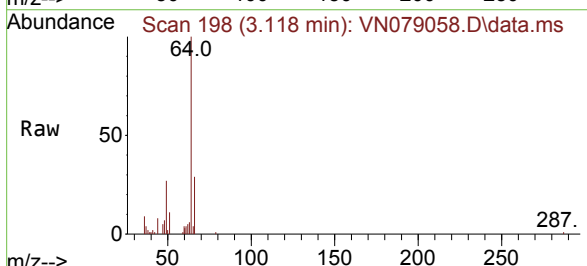
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ClientSampleId :

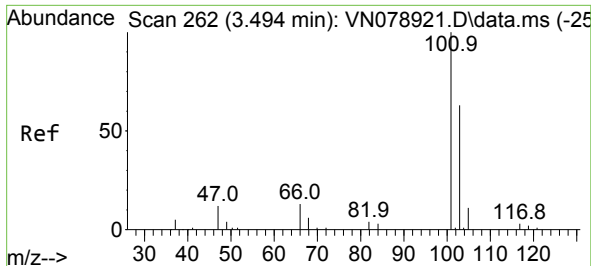
Tgt Ion: 94 Resp: 49034
Ion Ratio Lower Upper
94 100
96 95.9 73.6 110.4



#6
Chloroethane
Concen: 20.502 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 64 Resp: 49105
Ion Ratio Lower Upper
64 100
66 29.7 24.9 37.3

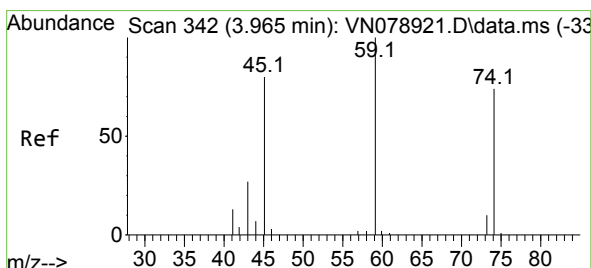
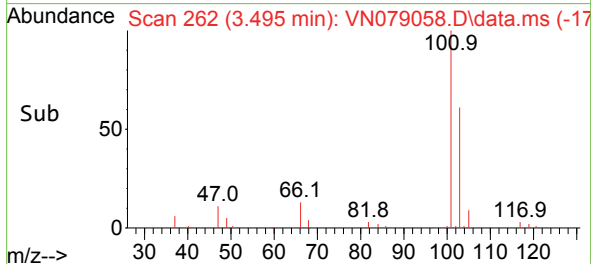
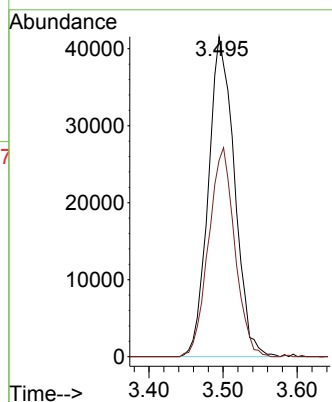
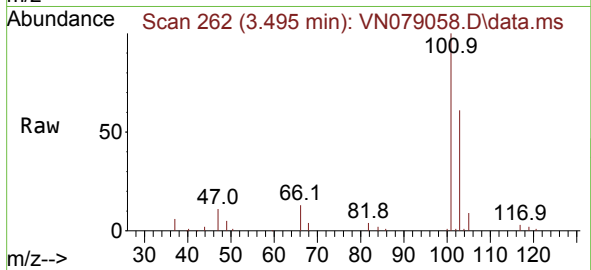




#7
 Trichlorofluoromethane
 Concen: 20.507 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

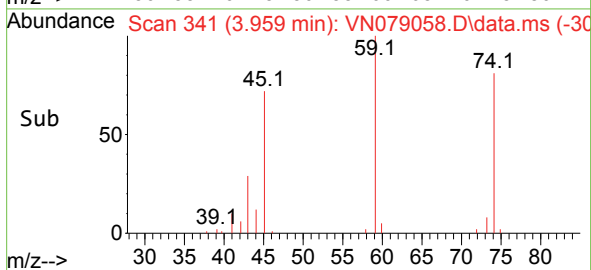
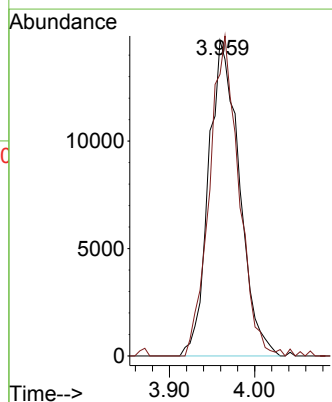
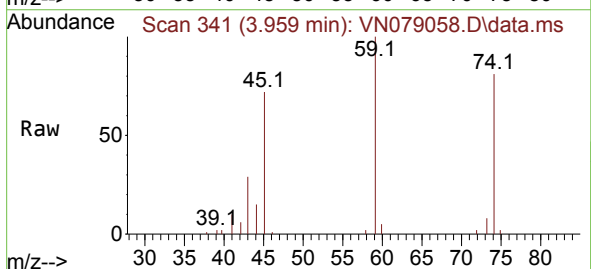
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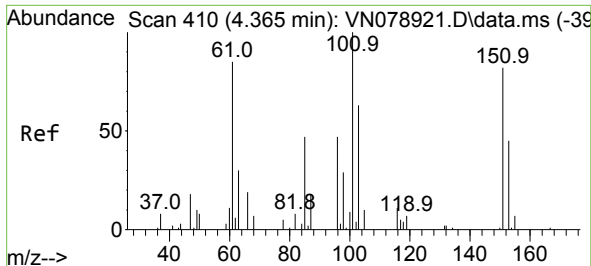
Tgt Ion:101 Resp: 101801
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.9 76.3



#8
 Diethyl Ether
 Concen: 19.757 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 74 Resp: 36889
 Ion Ratio Lower Upper
 74 100
 45 96.5 21.3 191.9

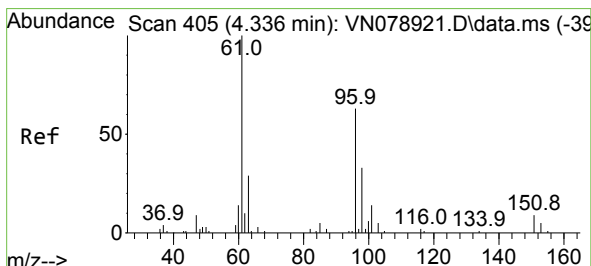
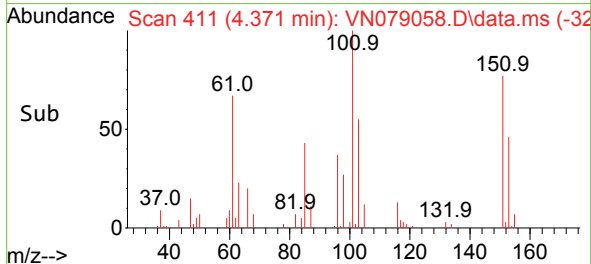
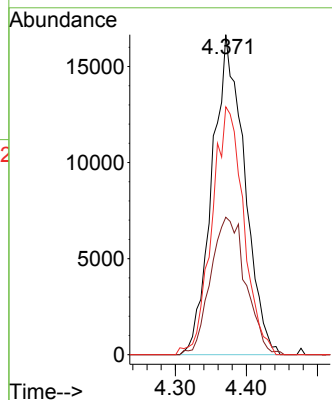
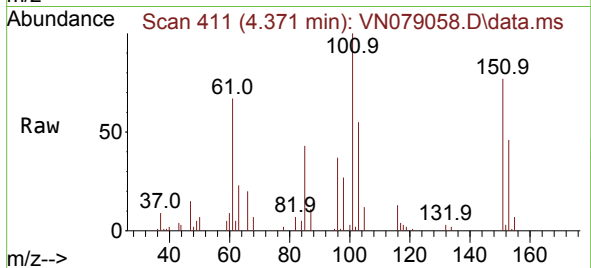




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.281 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

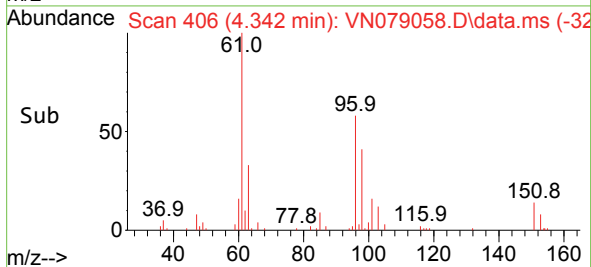
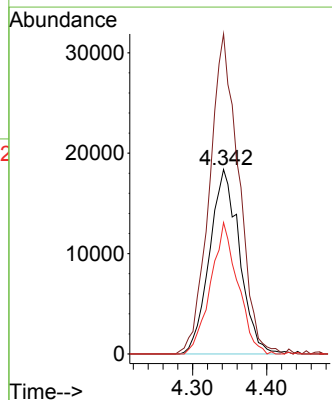
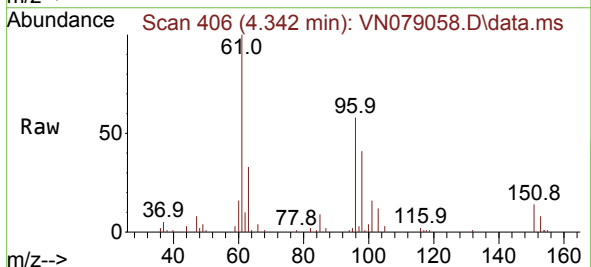
Instrument :
MSVOA_N
ClientSampleId :

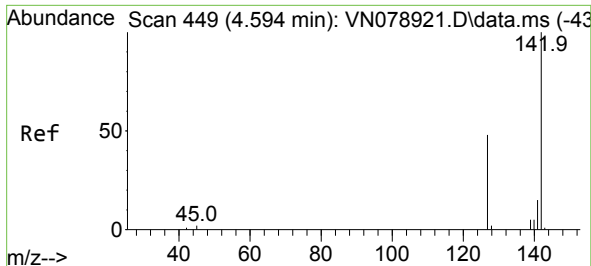
Tgt Ion:101 Resp: 52583
Ion Ratio Lower Upper
101 100
85 30.0 0.0 65.4
151 75.5 0.0 156.8



#10
1,1-Dichloroethene
Concen: 19.804 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

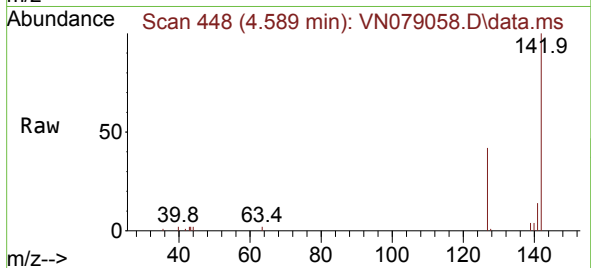
Tgt Ion: 96 Resp: 51657
Ion Ratio Lower Upper
96 100
61 172.4 126.2 189.4
98 71.3 41.7 62.5#



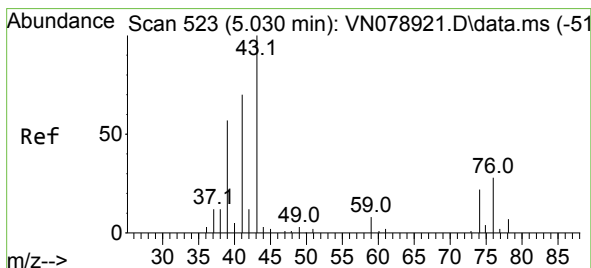
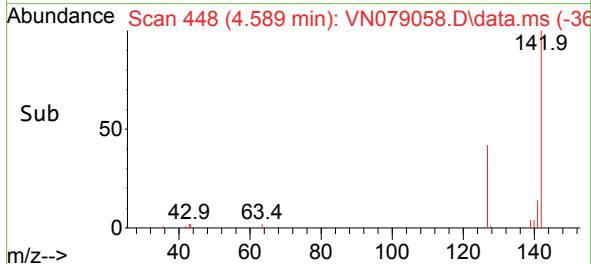
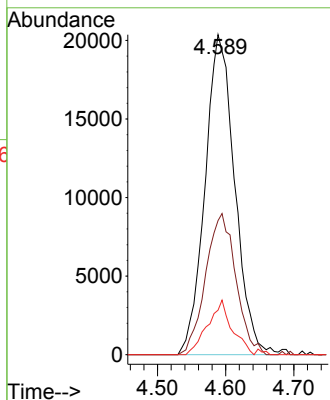


#11
Methyl Iodide
Concen: 19.648 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

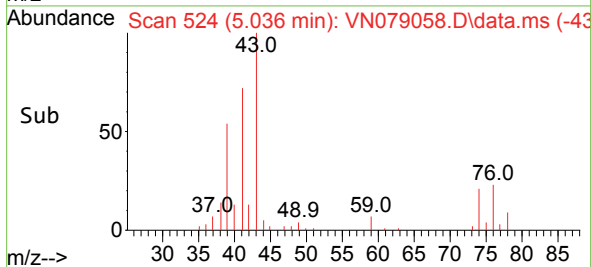
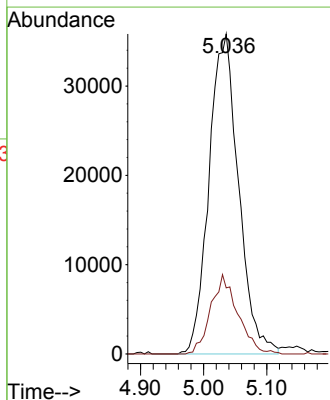
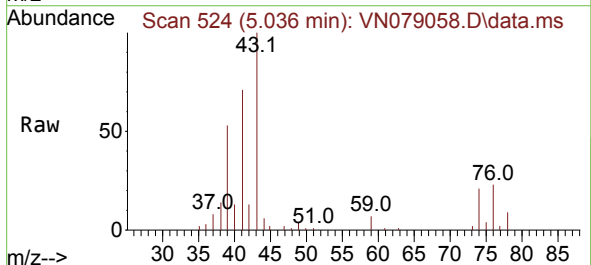


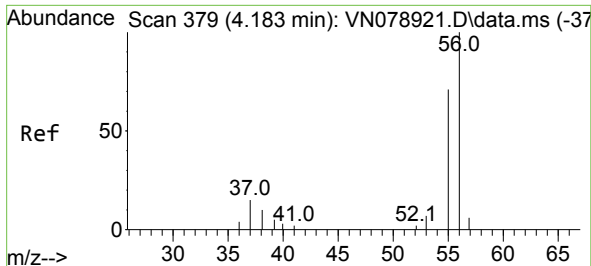
Tgt Ion:142 Resp: 61843
Ion Ratio Lower Upper
142 100
127 43.5 24.3 72.9
141 13.6 7.3 22.0



#12
Methyl Acetate
Concen: 19.031 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 43 Resp: 116356
Ion Ratio Lower Upper
43 100
74 20.6 17.5 26.3

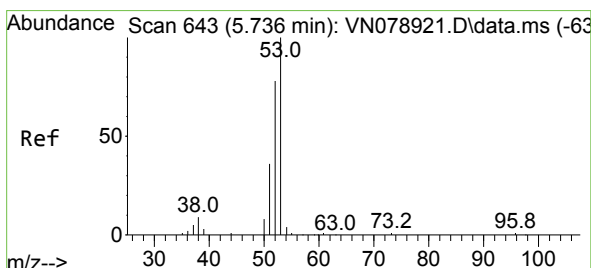
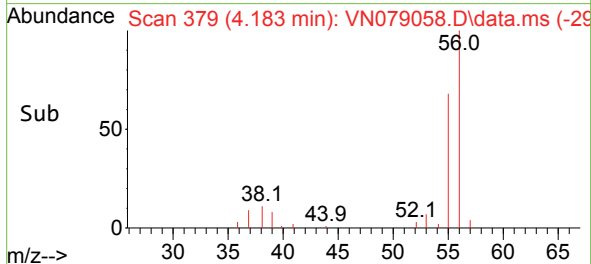
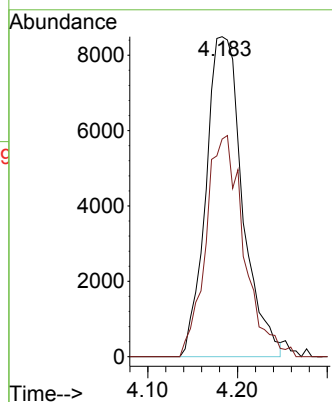
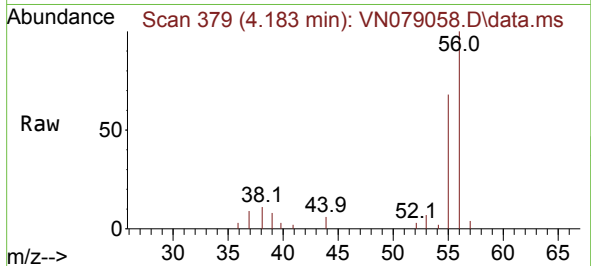




#13
Acrolein
Concen: 56.439 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

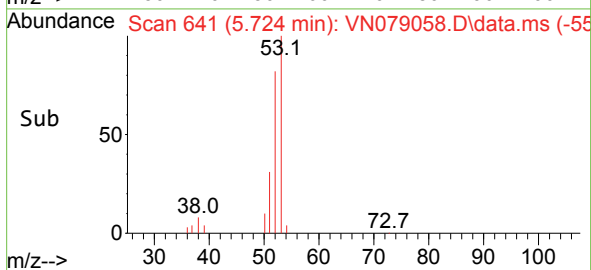
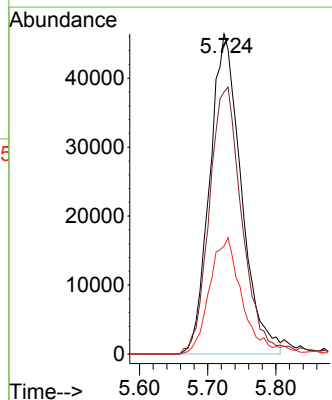
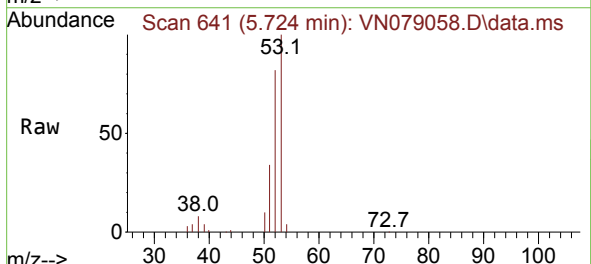
Instrument :
MSVOA_N
ClientSampleId :

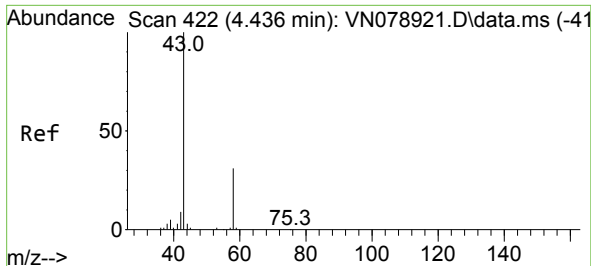
Tgt Ion: 56 Resp: 24051
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7



#14
Acrylonitrile
Concen: 93.098 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 53 Resp: 149625
Ion Ratio Lower Upper
53 100
52 86.2 41.9 125.6
51 35.3 10.1 30.1#

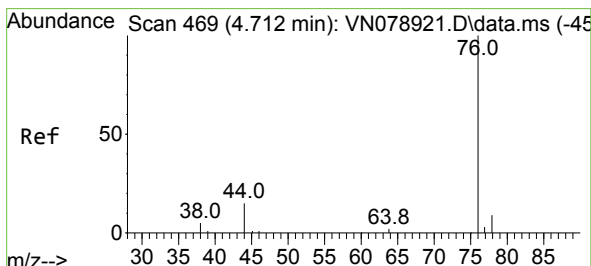
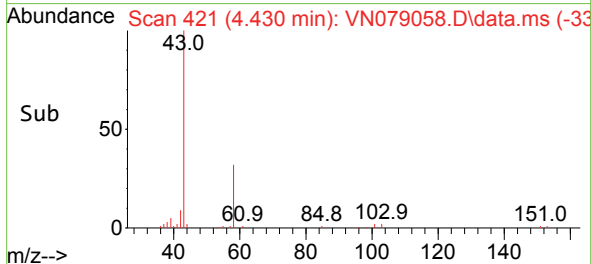
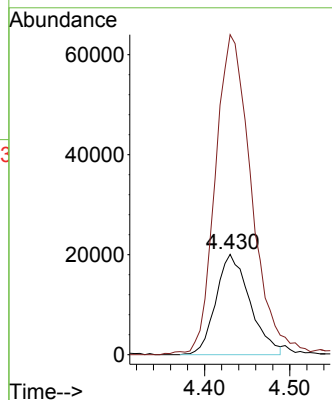
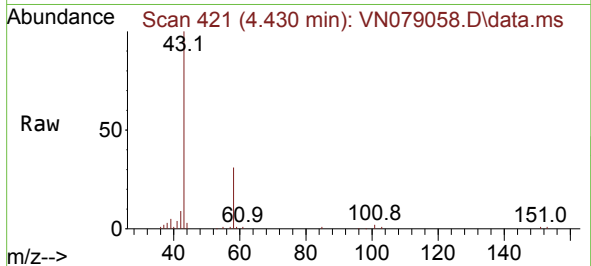




#15
Acetone
Concen: 112.908 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

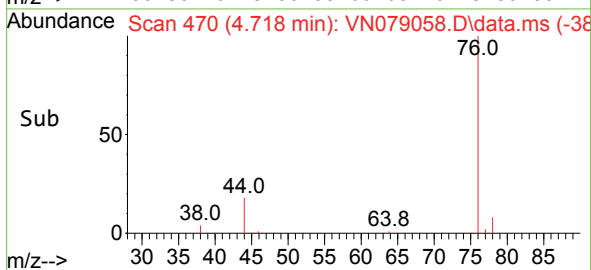
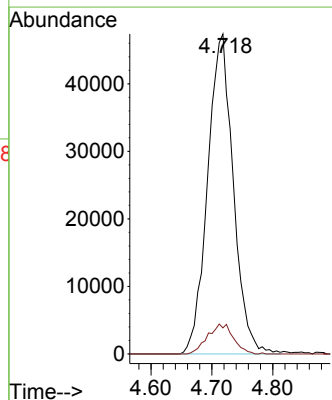
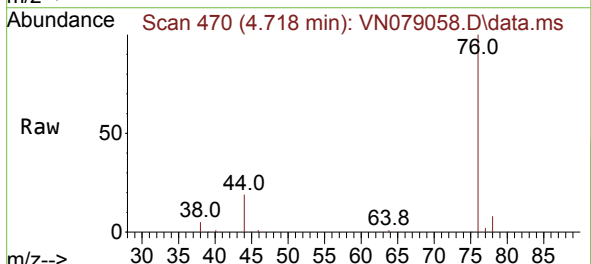
Instrument :
MSVOA_N
ClientSampleId :

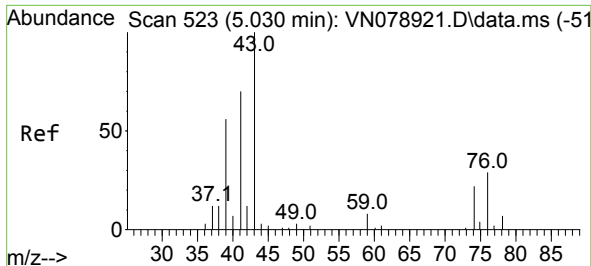
Tgt Ion: 58 Resp: 55665
Ion Ratio Lower Upper
58 100
43 315.8 260.6 390.8



#16
Carbon Disulfide
Concen: 18.515 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 76 Resp: 138766
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6





#17

Allyl chloride

Concen: 19.562 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

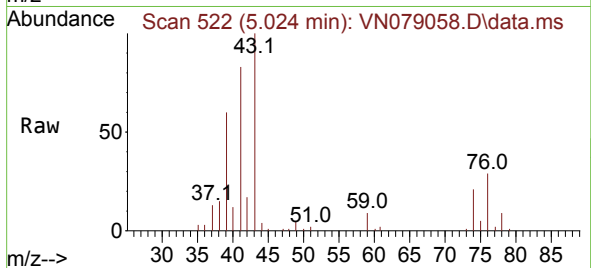
Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :



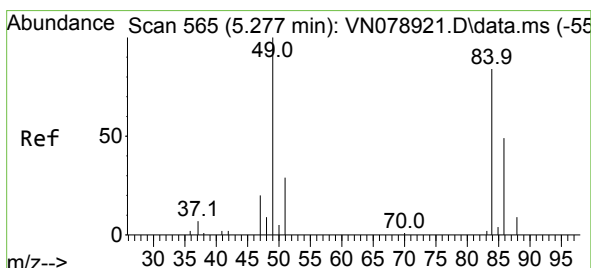
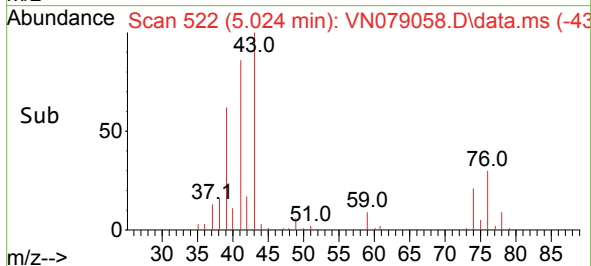
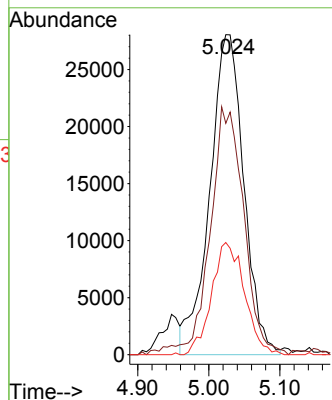
Tgt Ion: 41 Resp: 93525

Ion Ratio Lower Upper

41 100

39 71.8 36.9 110.7

76 35.6 17.3 51.9



#18

Methylene Chloride

Concen: 19.782 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Tgt Ion: 84 Resp: 61685

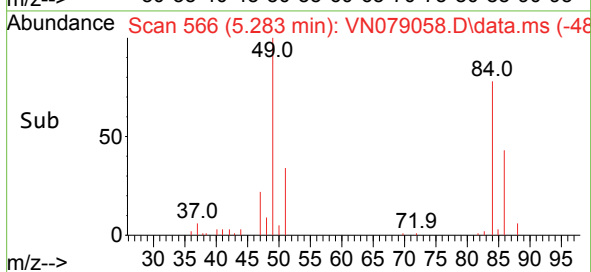
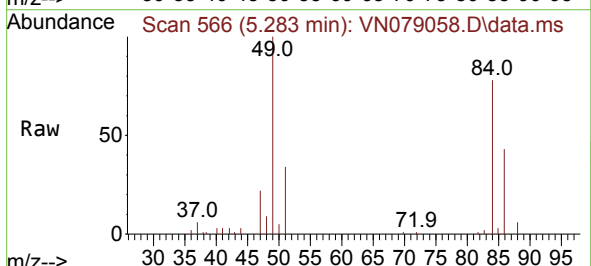
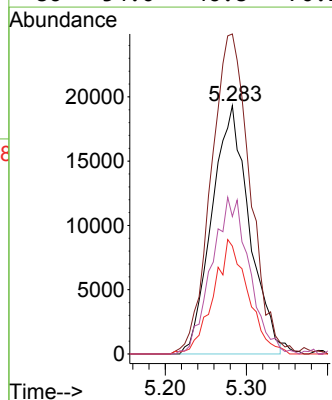
Ion Ratio Lower Upper

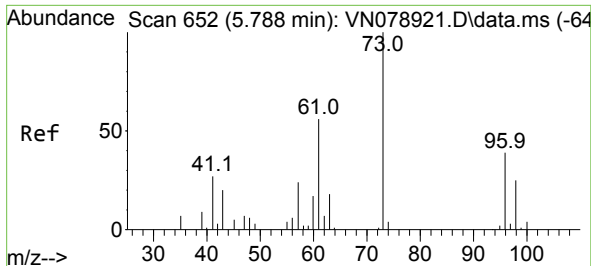
84 100

49 126.6 95.8 143.6

51 42.6 28.6 43.0

86 54.0 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 19.070 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

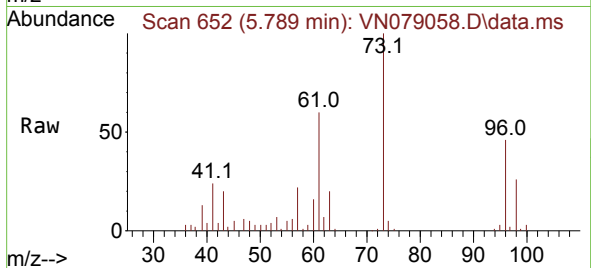
Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :



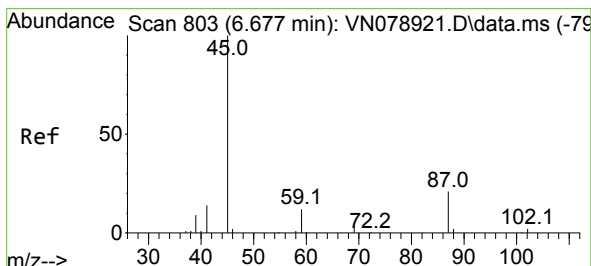
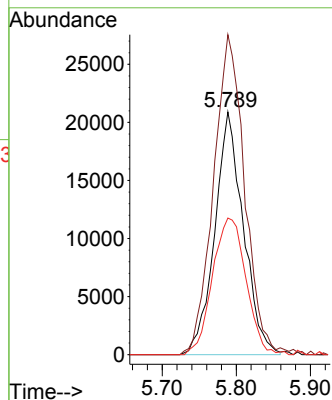
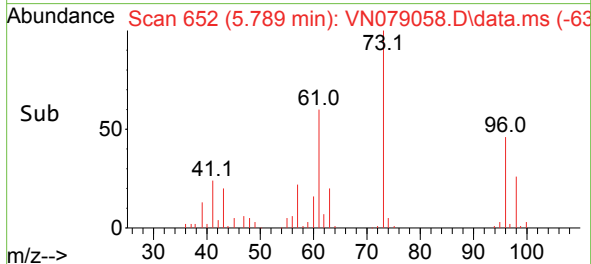
Tgt Ion: 96 Resp: 55984

Ion Ratio Lower Upper

96 100

61 131.8 114.0 171.0

98 56.3 50.6 76.0



#20

Diisopropyl ether

Concen: 19.879 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Tgt Ion: 45 Resp: 206732

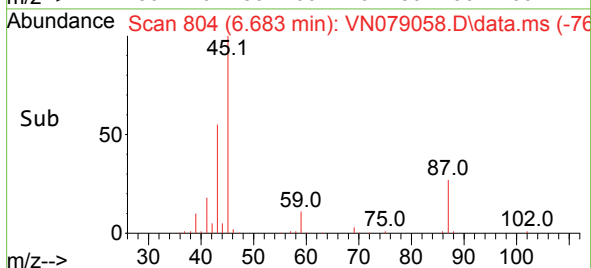
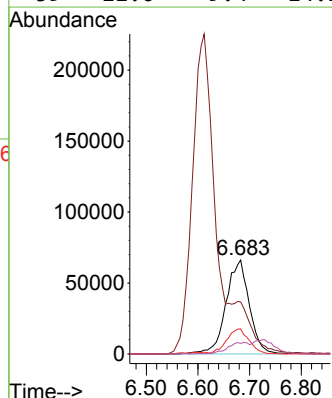
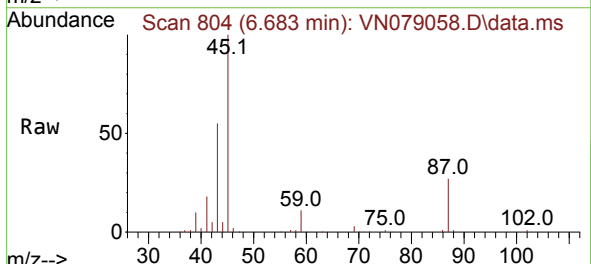
Ion Ratio Lower Upper

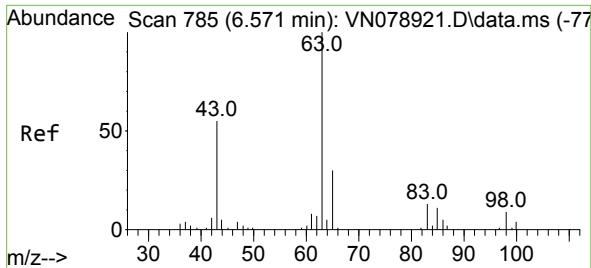
45 100

43 52.7 37.4 56.2

87 26.6 17.3 25.9#

59 11.0 9.4 14.2

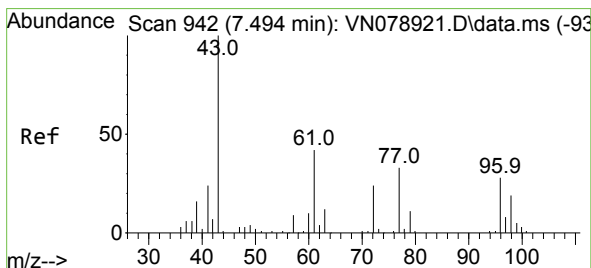
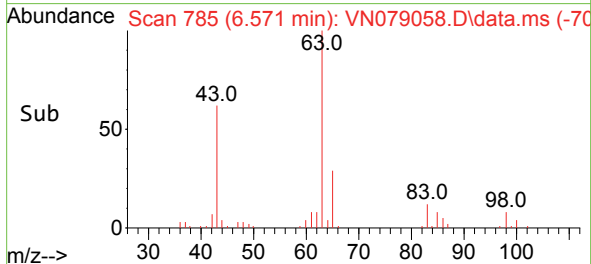
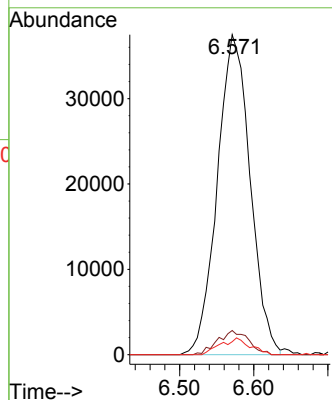
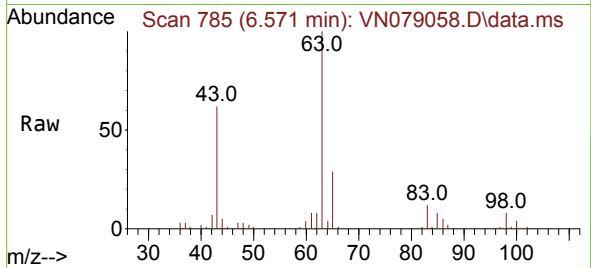




#21
1,1-Dichloroethane
Concen: 19.977 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

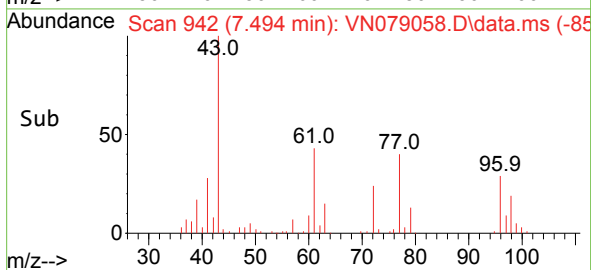
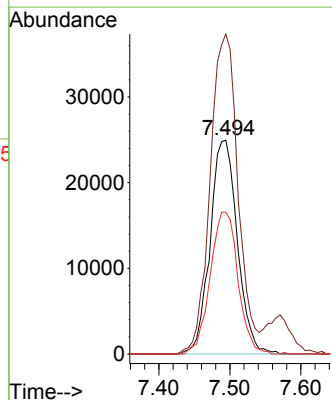
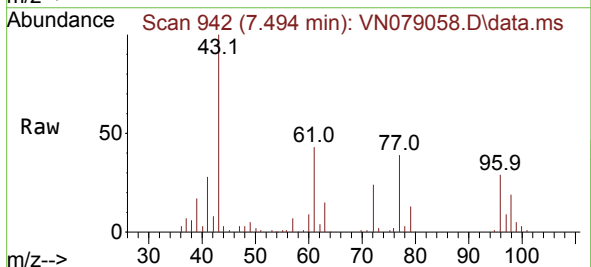
Instrument :
MSVOA_N
ClientSampleId :

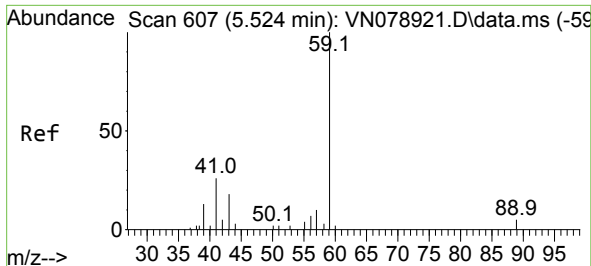
Tgt Ion: 63 Resp: 115283
Ion Ratio Lower Upper
63 100
98 7.6 4.4 13.2
100 4.0 2.1 6.5



#22
cis-1,2-Dichloroethene
Concen: 19.792 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 96 Resp: 66499
Ion Ratio Lower Upper
96 100
61 152.9 121.8 182.6
98 67.6 50.7 76.1

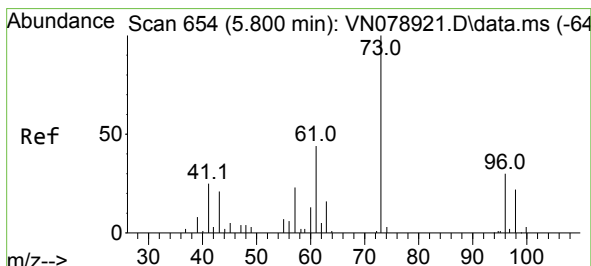
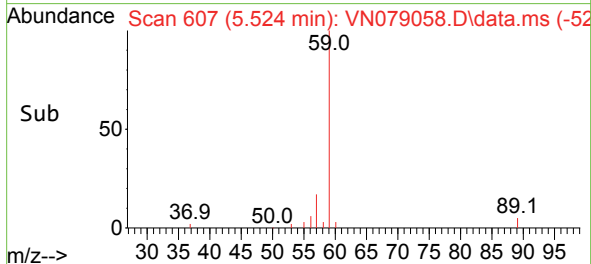
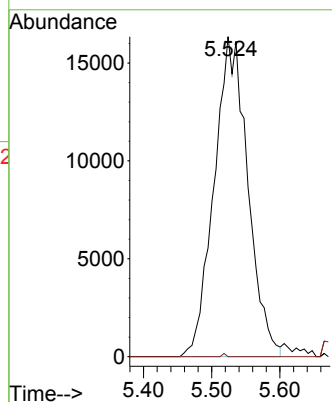
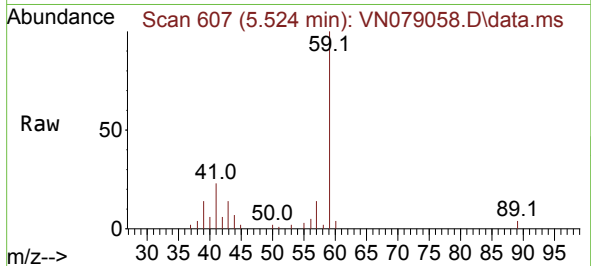




#23
 tert-Butyl Alcohol
 Concen: 93.750 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

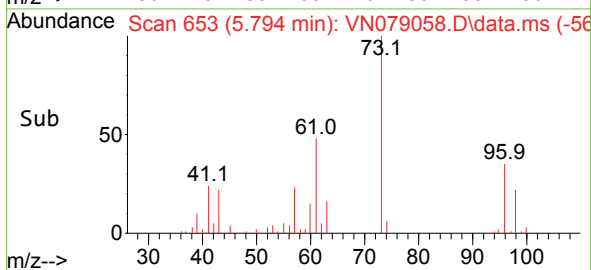
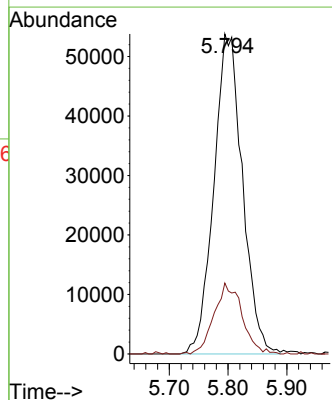
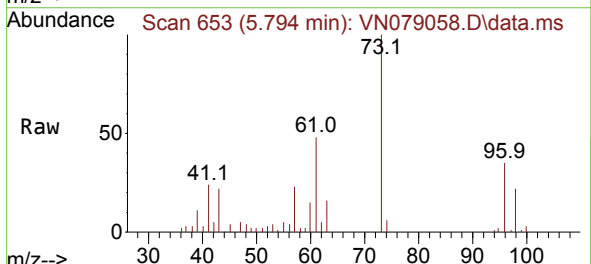
Instrument :
 MSVOA_N
 ClientSampleId :

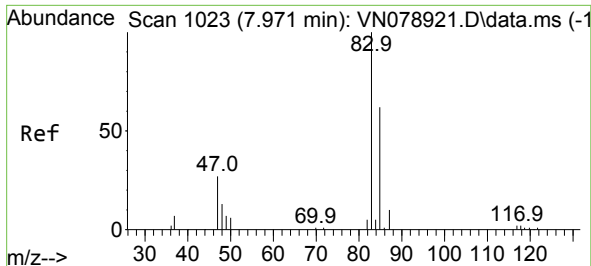
Tgt Ion: 59 Resp: 56203
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 19.617 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. -0.006 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 73 Resp: 181639
 Ion Ratio Lower Upper
 73 100
 43 13.7 17.3 25.9#





#25

Chloroform

Concen: 19.689 ug/l

RT: 7.965 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

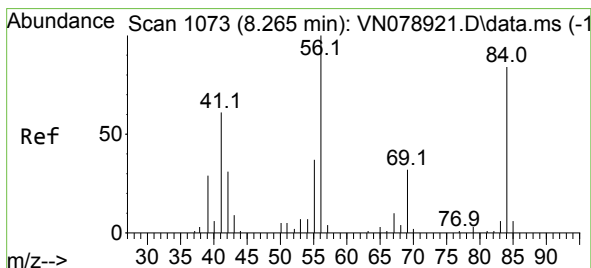
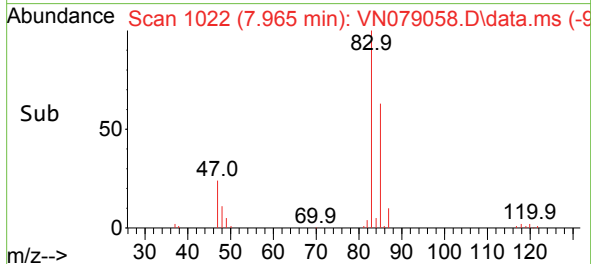
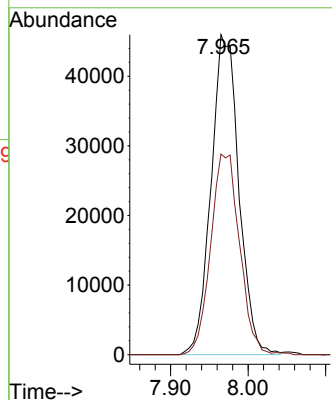
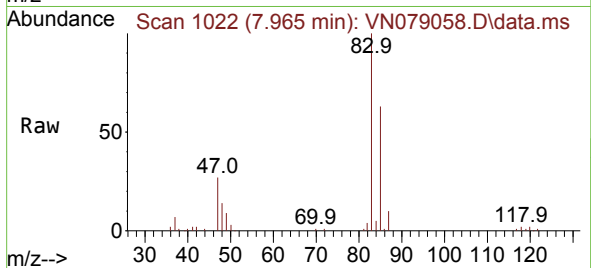
ClientSampleId :

Tgt Ion: 83 Resp: 114460

Ion Ratio Lower Upper

83 100

85 62.7 49.6 74.4



#26

Cyclohexane

Concen: 20.719 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

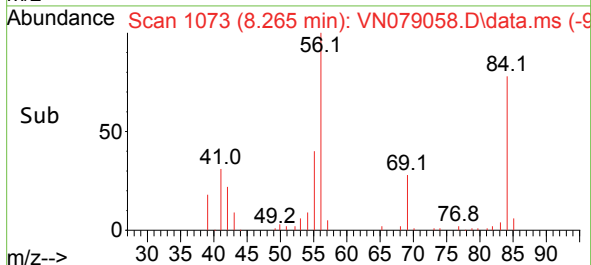
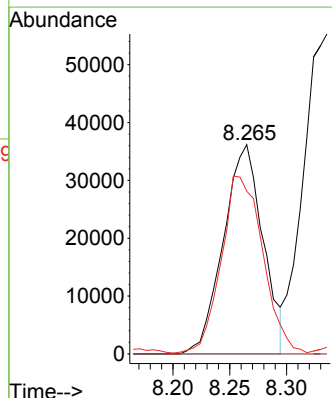
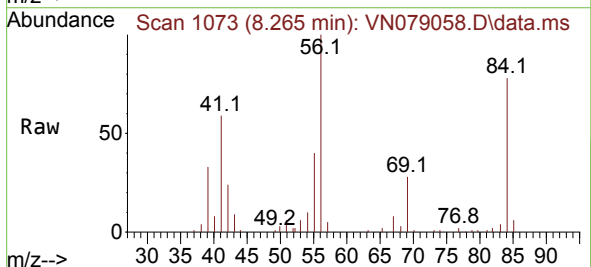
Tgt Ion: 56 Resp: 87463

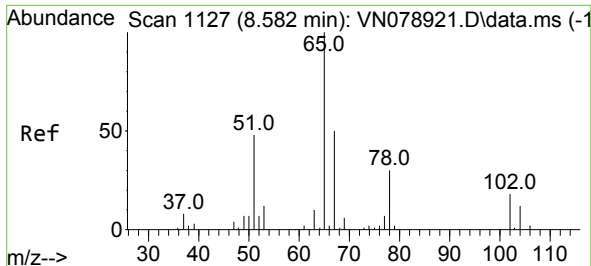
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.8 70.1 105.1

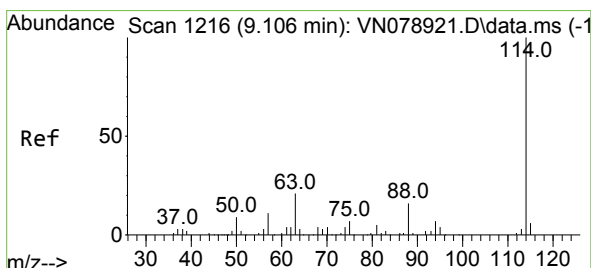
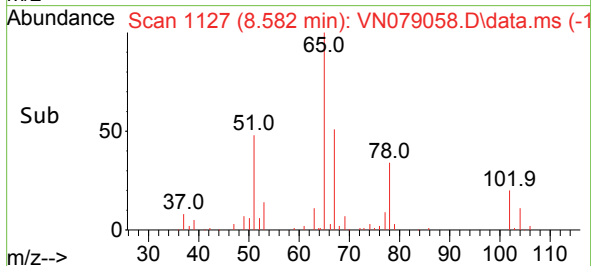
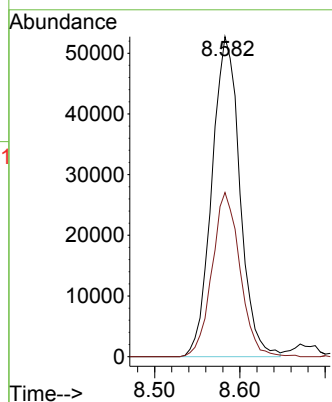
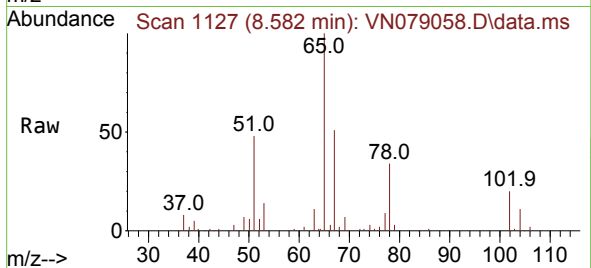




#27
1,2-Dichloroethane-d4
Concen: 30.146 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

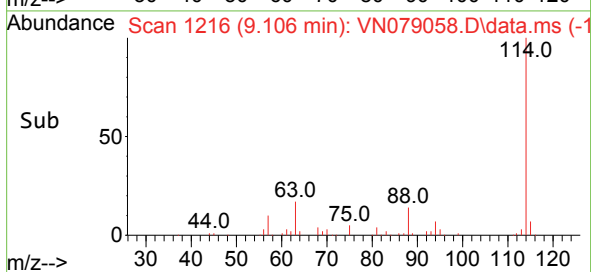
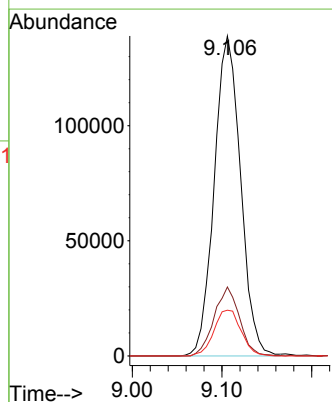
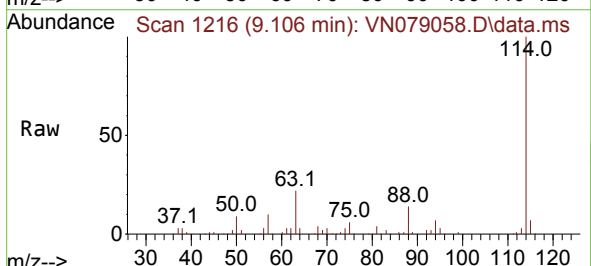
Instrument :
MSVOA_N
ClientSampleId :

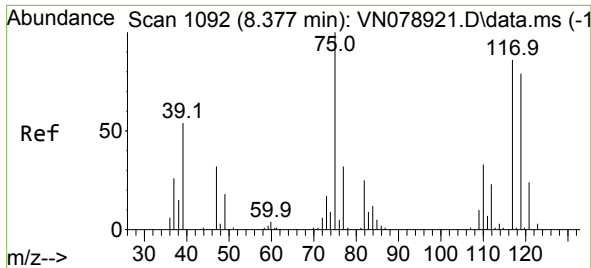
Tgt Ion: 65 Resp: 120267
Ion Ratio Lower Upper
65 100
67 51.1 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 114 Resp: 283397
Ion Ratio Lower Upper
114 100
63 20.7 17.4 26.2
88 14.8 12.0 18.0





#29

1,1-Dichloropropene

Concen: 19.936 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079058.D

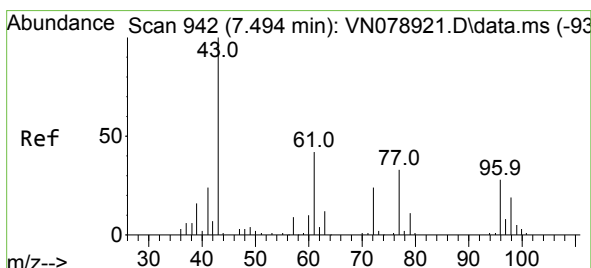
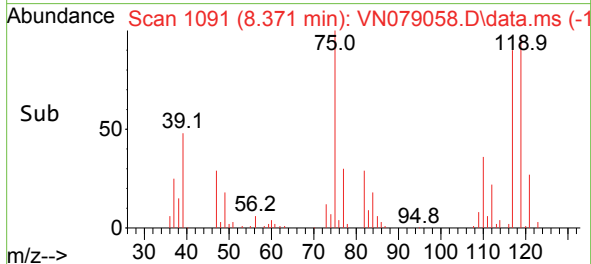
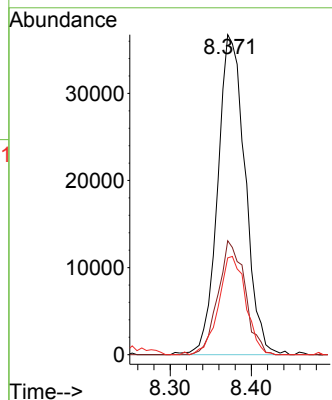
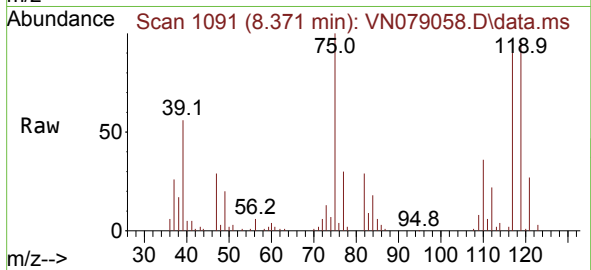
Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	85948
Ion Ratio	Lower	Upper	
75	100		
110	34.9	0.0	65.8
77	30.5	0.0	60.4



#30

2-Butanone

Concen: 95.617 ug/l

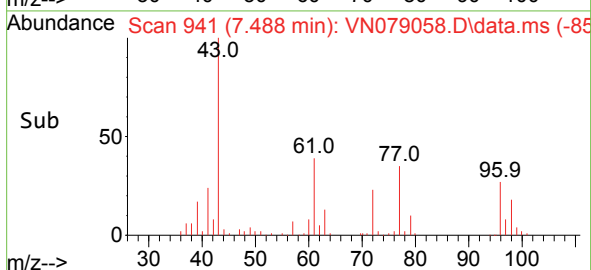
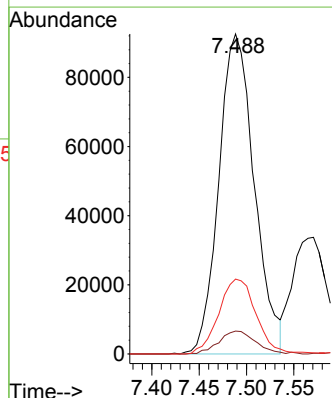
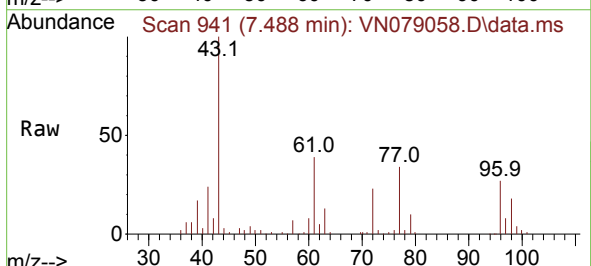
RT: 7.488 min Scan# 941

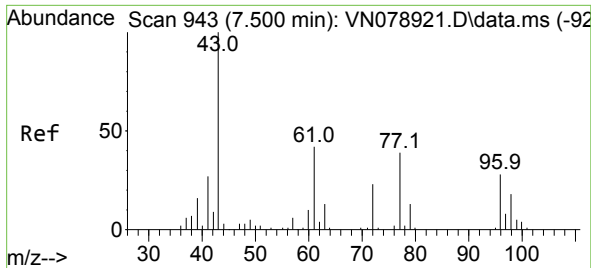
Delta R.T. -0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Tgt Ion:	43	Resp:	241314
Ion Ratio	Lower	Upper	
43	100		
57	7.4	6.2	9.4
72	24.4	19.4	29.2

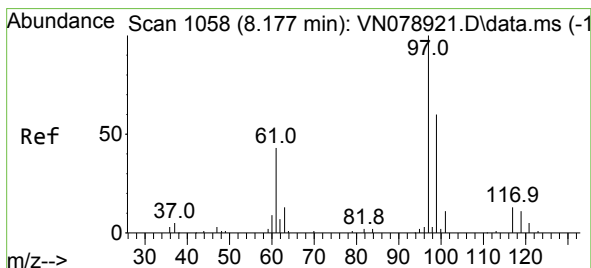
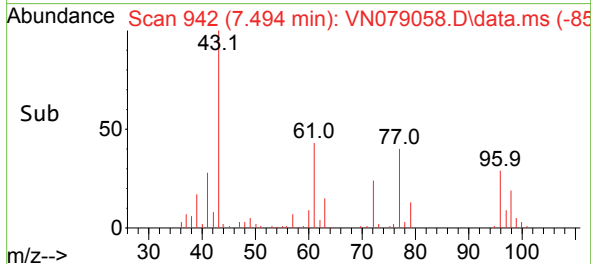
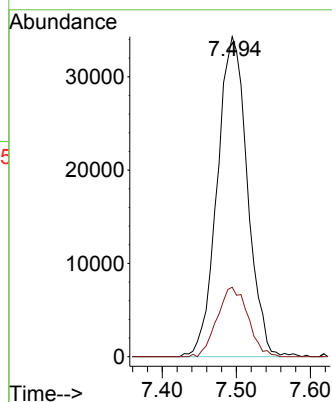
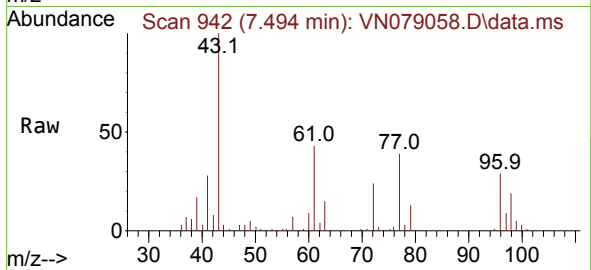




#31
2,2-Dichloropropane
Concen: 20.339 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

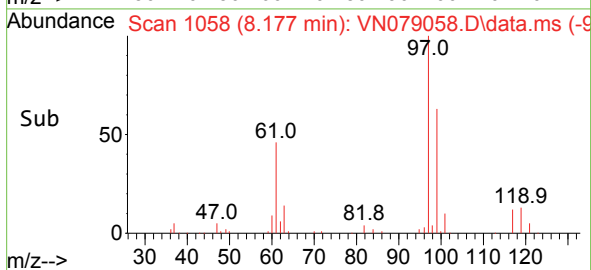
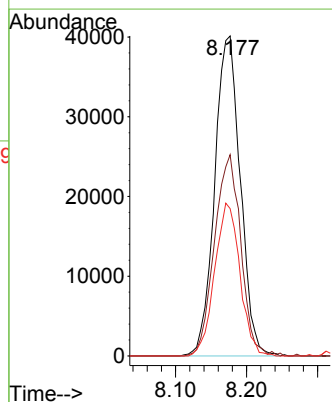
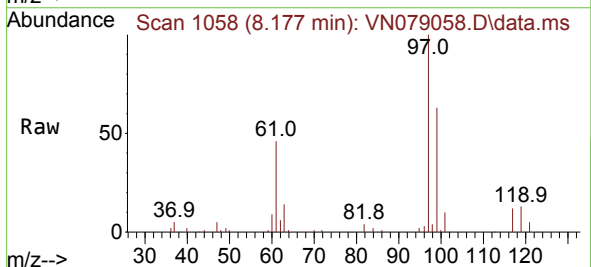
Instrument :
MSVOA_N
ClientSampleId :

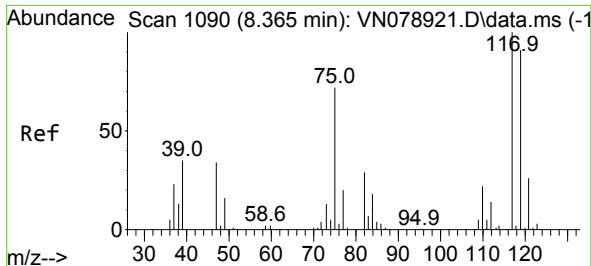
Tgt Ion: 77 Resp: 96907
Ion Ratio Lower Upper
77 100
97 22.0 17.6 26.4



#32
1,1,1-Trichloroethane
Concen: 19.537 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

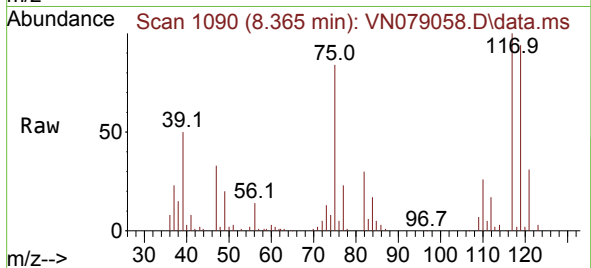
Tgt Ion: 97 Resp: 100555
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 47.1 37.0 55.6



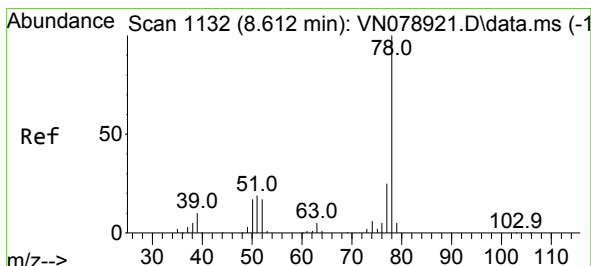
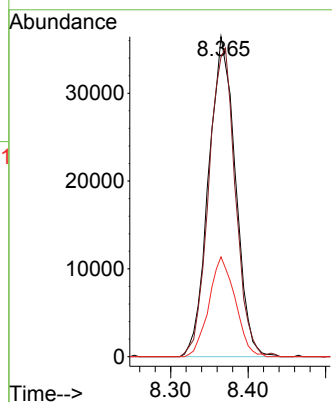
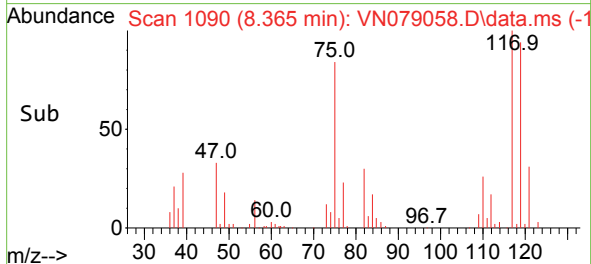


#33
Carbon Tetrachloride
Concen: 19.642 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

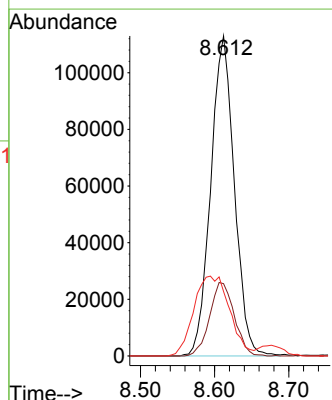
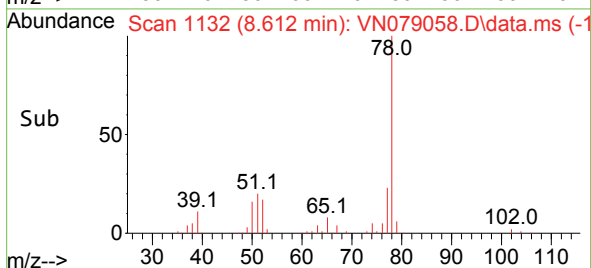
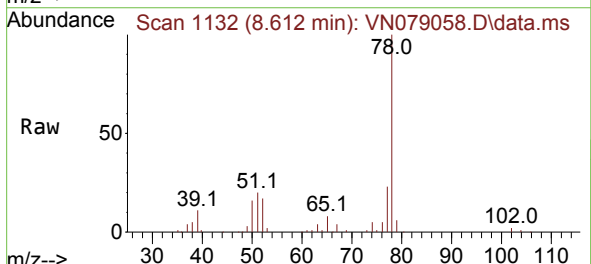


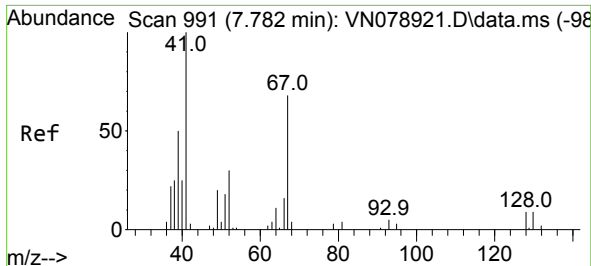
Tgt Ion:117 Resp: 87569
Ion Ratio Lower Upper
117 100
119 93.6 72.6 108.8
121 31.2 20.7 31.1#



#34
Benzene
Concen: 19.351 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

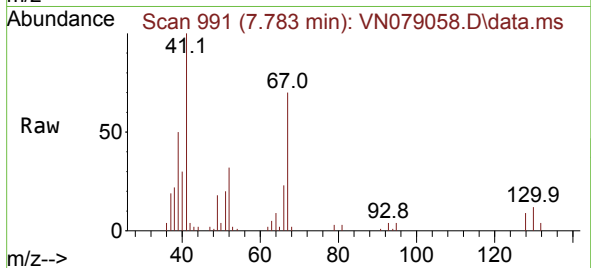
Tgt Ion: 78 Resp: 249996
Ion Ratio Lower Upper
78 100
77 22.6 19.9 29.9
51 17.7 14.8 22.2



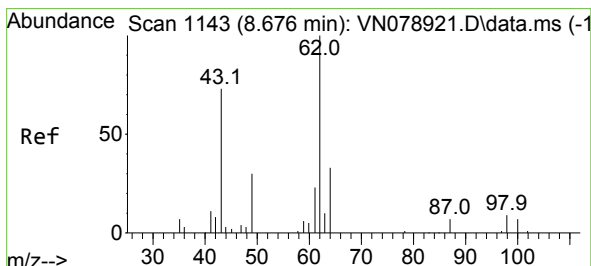
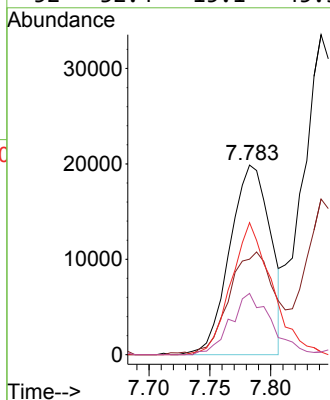
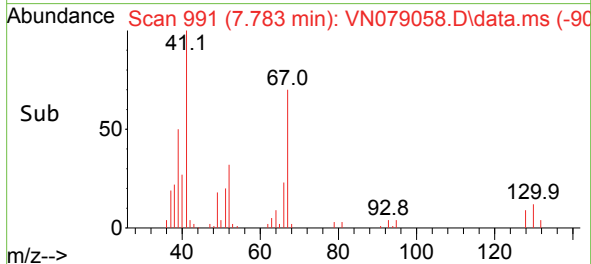


#35
Methacrylonitrile
Concen: 17.190 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

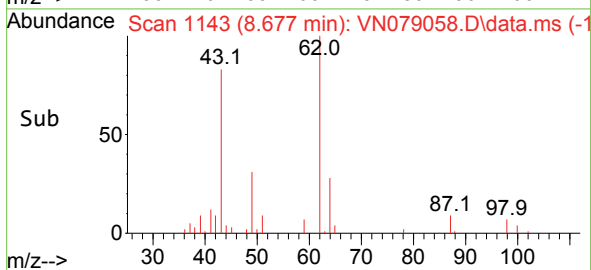
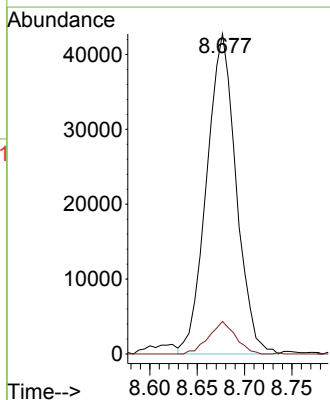
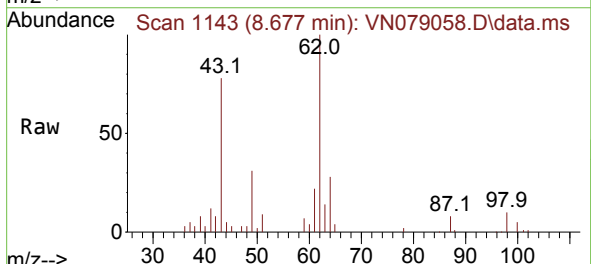


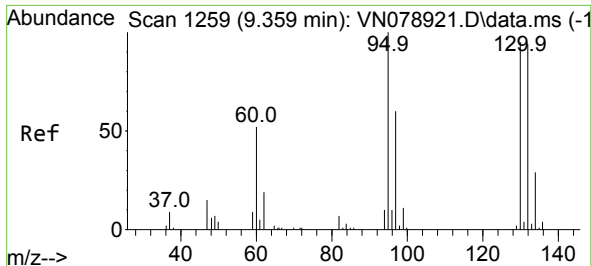
Tgt Ion:	41	Resp:	46239
Ion Ratio	Lower	Upper	
41	100		
39	48.1	25.0	75.0
67	69.6	34.0	102.0
52	32.4	15.1	45.3



#36
1,2-Dichloroethane
Concen: 19.155 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion:	62	Resp:	92671
Ion Ratio	Lower	Upper	
62	100		
98	9.2	8.1	12.1

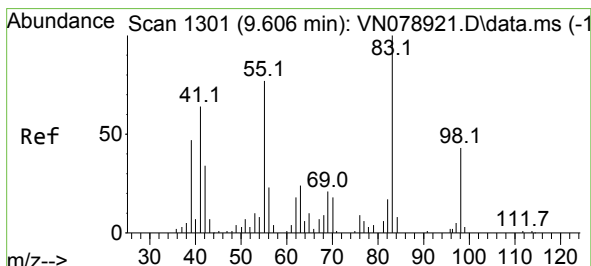
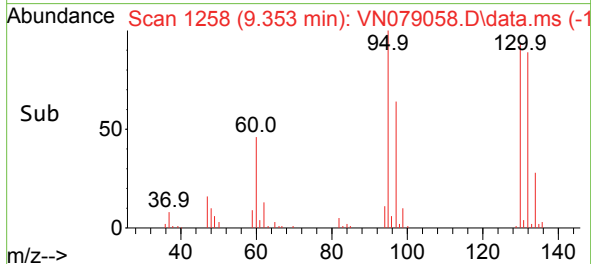
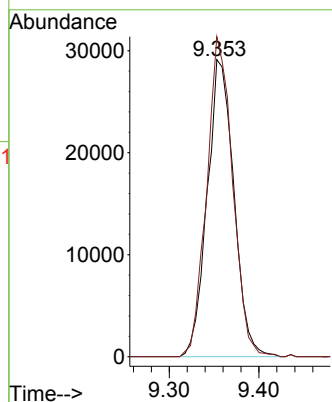
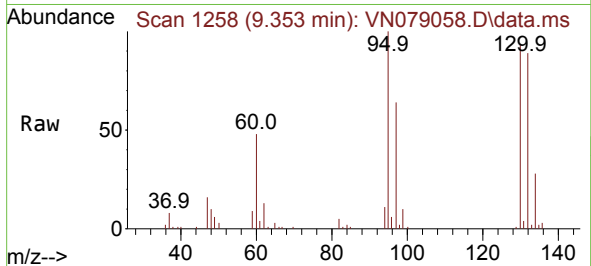




#37
Trichloroethene
Concen: 18.719 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

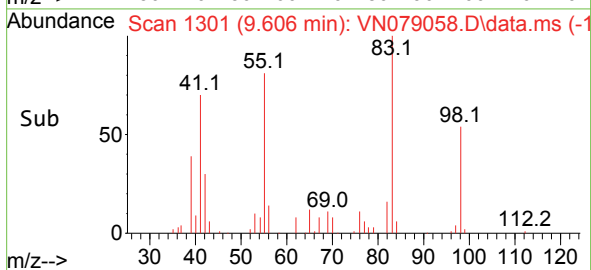
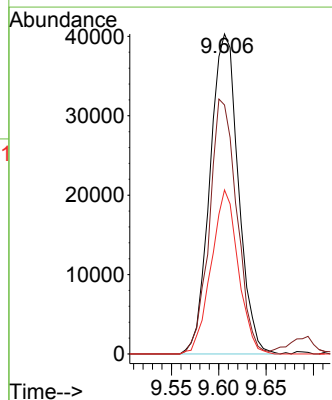
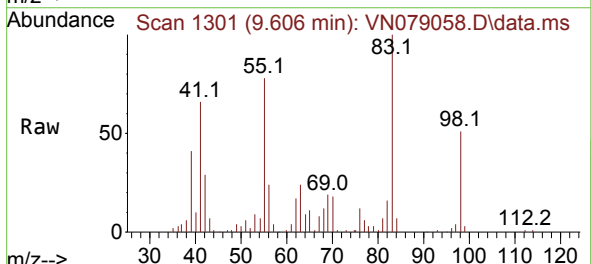
Instrument :
MSVOA_N
ClientSampleId :

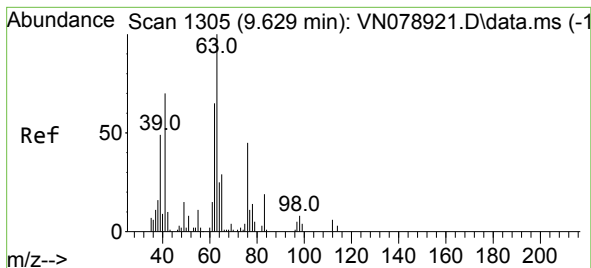
Tgt Ion:130 Resp: 60197
Ion Ratio Lower Upper
130 100
95 107.7 84.6 127.0



#38
Methylcyclohexane
Concen: 22.114 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 83 Resp: 83933
Ion Ratio Lower Upper
83 100
55 77.1 40.2 120.6
98 48.9 24.1 72.3





#39

1,2-Dichloropropane

Concen: 18.926 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

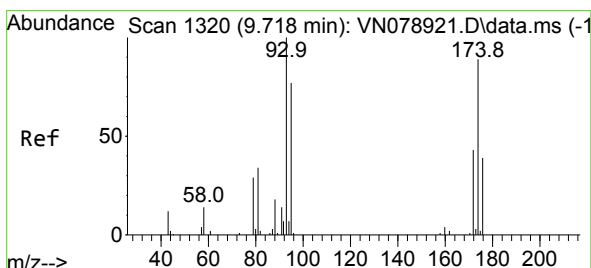
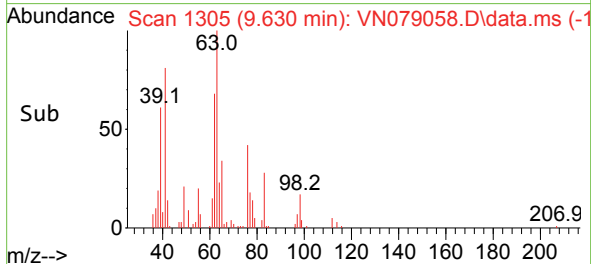
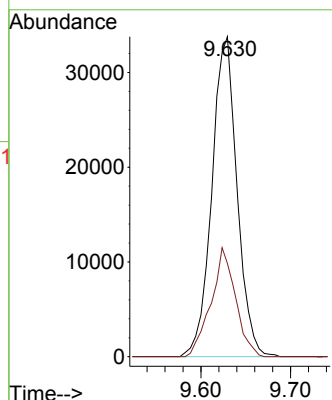
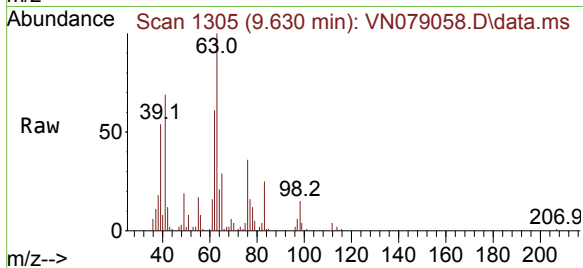
ClientSampleId :

Tgt Ion: 63 Resp: 65861

Ion Ratio Lower Upper

63 100

65 29.2 23.5 35.3



#40

Dibromomethane

Concen: 19.393 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

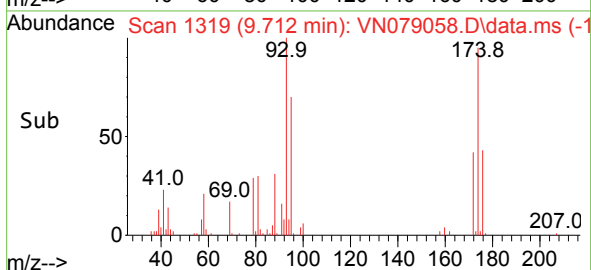
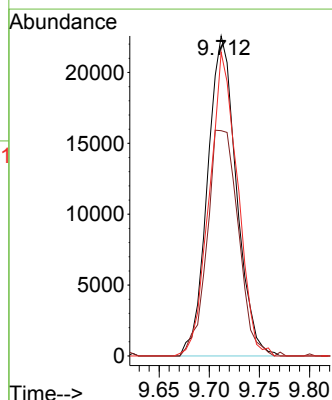
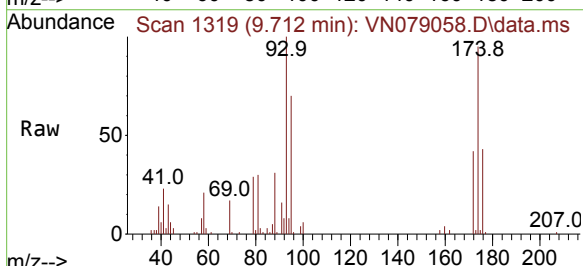
Tgt Ion: 93 Resp: 45236

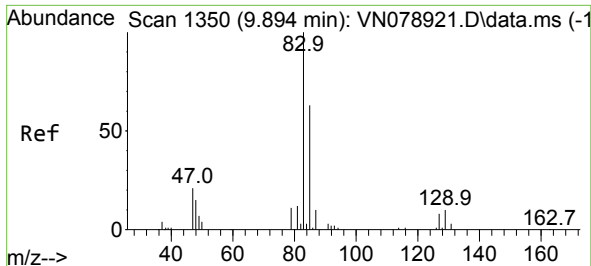
Ion Ratio Lower Upper

93 100

95 76.0 0.0 162.0

174 92.2 0.0 188.6

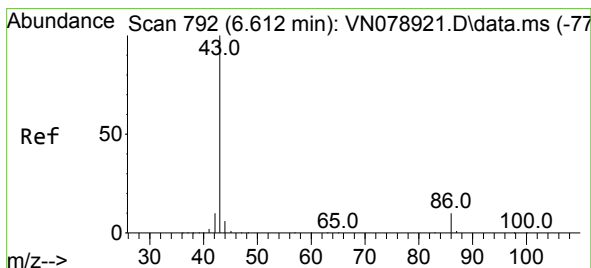
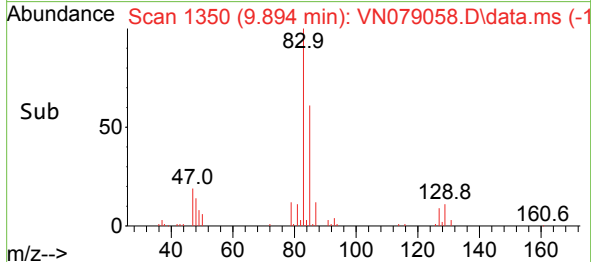
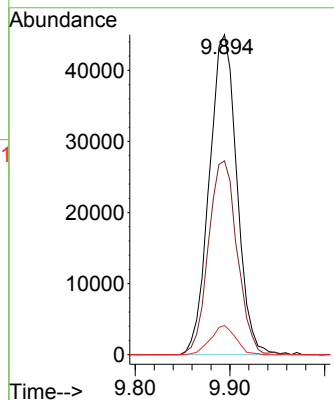
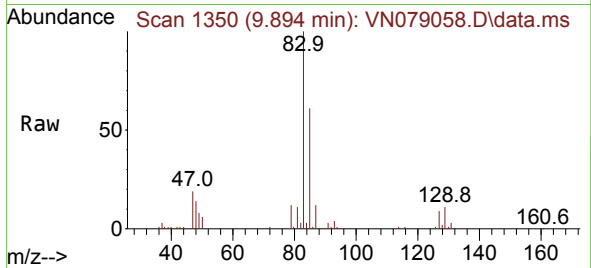




#41
Bromodichloromethane
Concen: 19.379 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

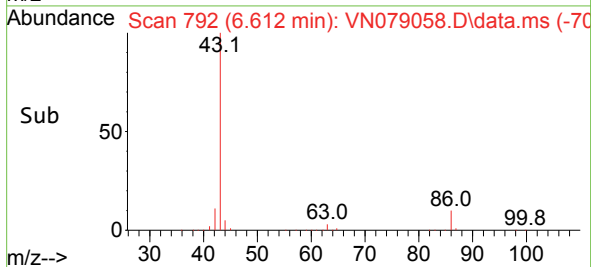
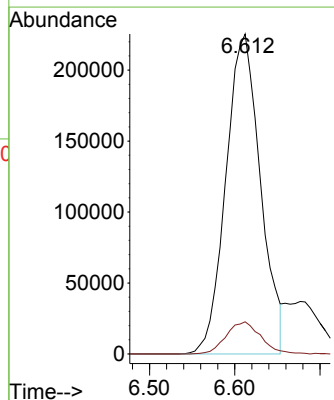
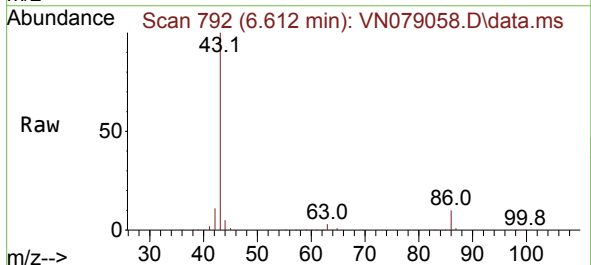
Instrument :
MSVOA_N
ClientSampleId :

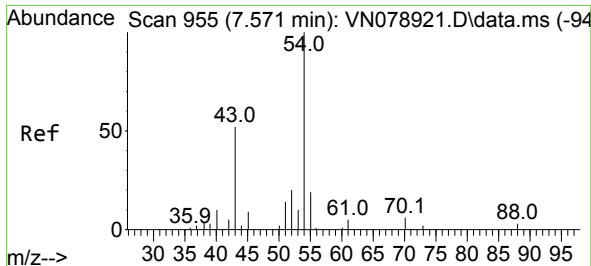
Tgt Ion: 83 Resp: 90906
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.2
127 9.1 6.2 9.4



#42
Vinyl Acetate
Concen: 89.319 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 43 Resp: 635556
Ion Ratio Lower Upper
43 100
86 10.1 7.4 11.0

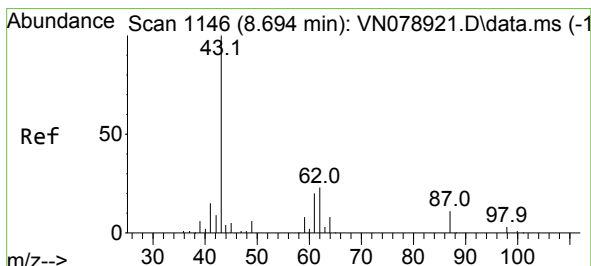
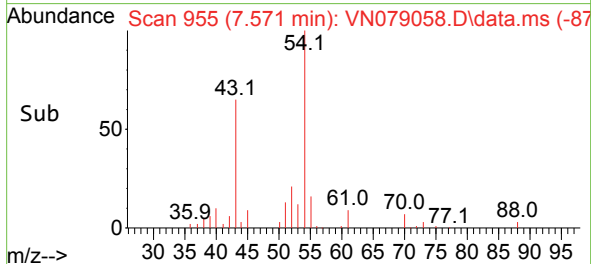
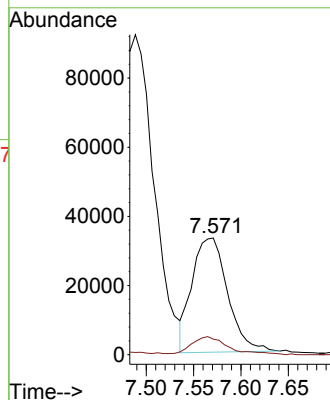
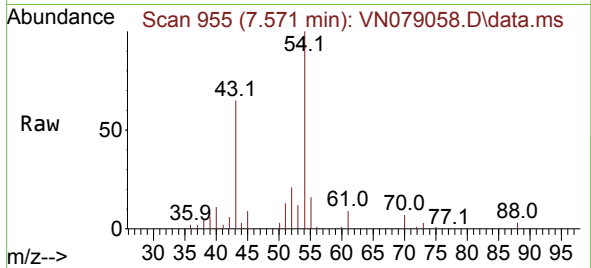




#43
Ethyl Acetate
Concen: 17.619 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

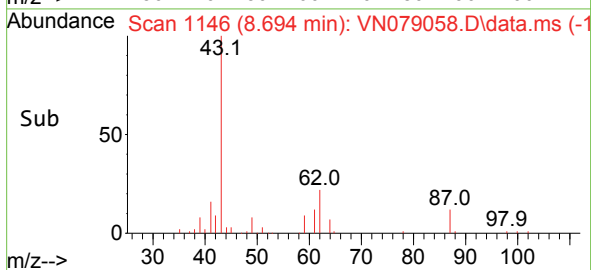
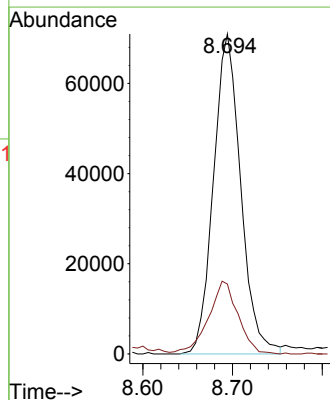
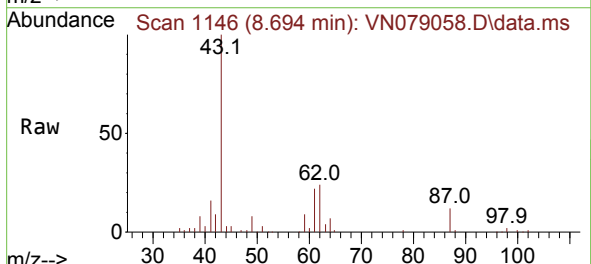
Instrument :
MSVOA_N
ClientSampleId :

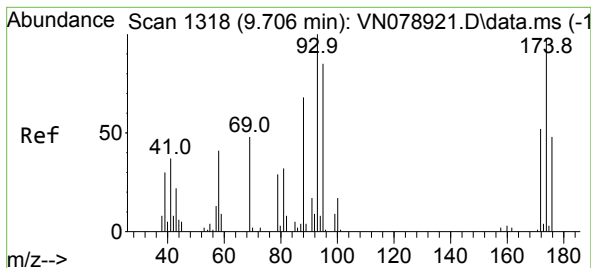
Tgt Ion: 43 Resp: 86266
Ion Ratio Lower Upper
43 100
45 12.9 9.6 14.4



#44
Isopropyl Acetate
Concen: 17.318 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 43 Resp: 149407
Ion Ratio Lower Upper
43 100
61 24.7 19.0 28.4





#45

1,4-Dioxane

Concen: 363.875 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

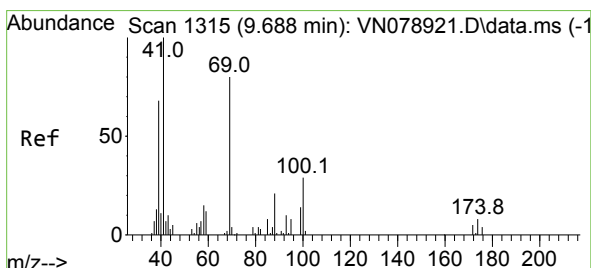
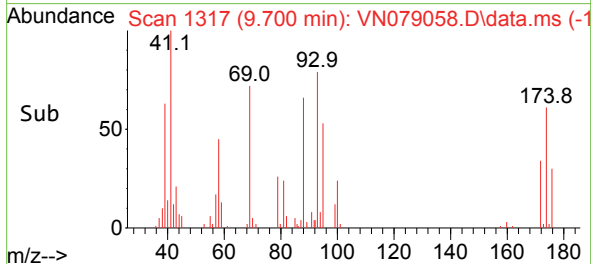
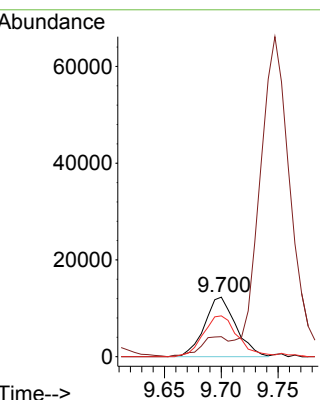
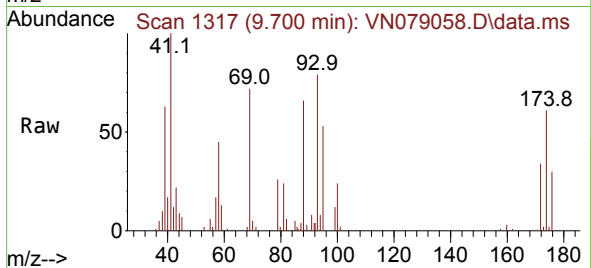
Tgt Ion: 88 Resp: 23623

Ion Ratio Lower Upper

88 100

43 29.7 28.1 42.1

58 75.0 57.0 85.4



#46

Methyl methacrylate

Concen: 18.717 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

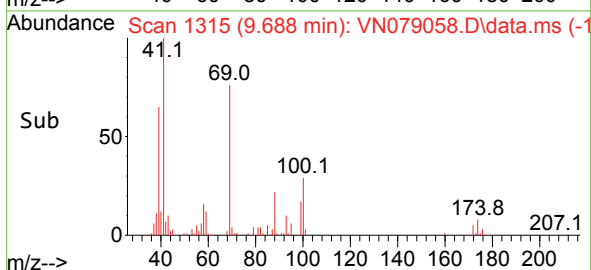
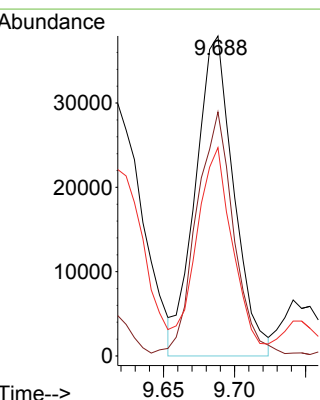
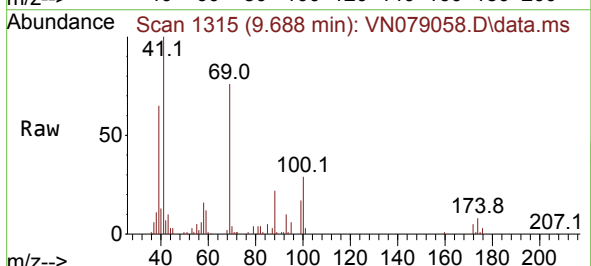
Tgt Ion: 41 Resp: 71146

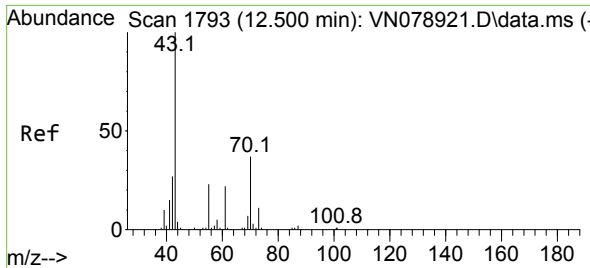
Ion Ratio Lower Upper

41 100

69 78.4 38.5 115.5

39 65.1 35.9 107.8





#47

n-amy1 Acetate

Concen: 17.212 ug/l

RT: 12.500 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

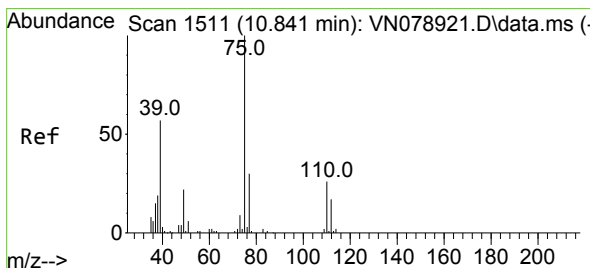
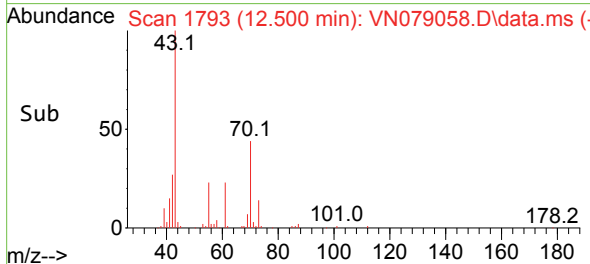
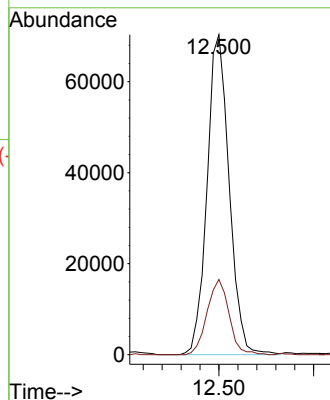
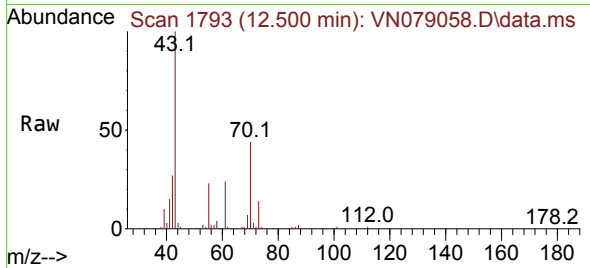
ClientSampleId :

Tgt Ion: 43 Resp: 113946

Ion Ratio Lower Upper

43 100

55 23.2 17.5 26.3



#48

t-1,3-Dichloropropene

Concen: 18.479 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079058.D

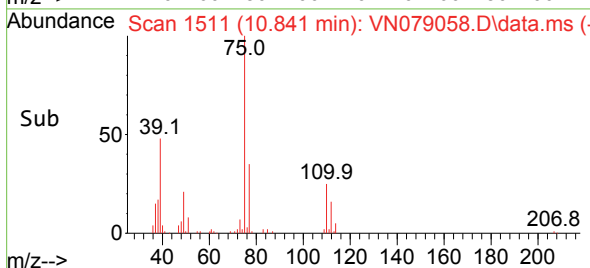
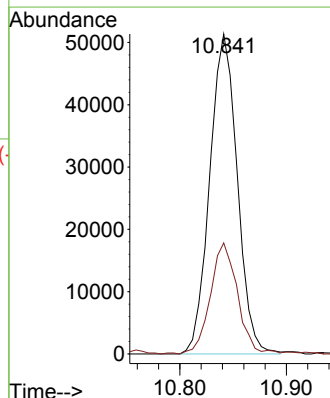
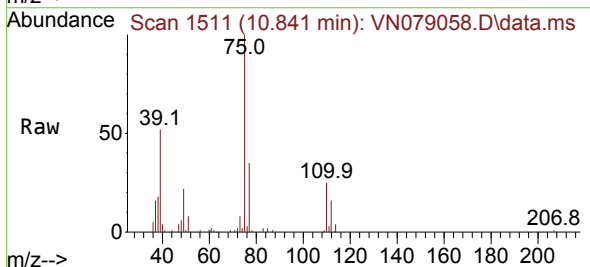
Acq: 28 Aug 2023 11:12

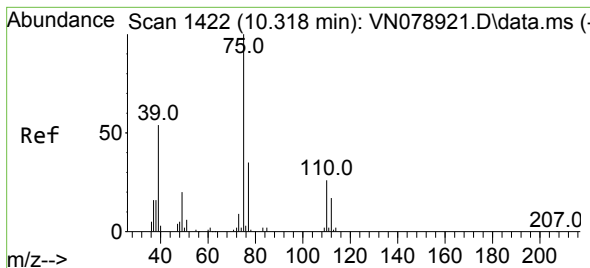
Tgt Ion: 75 Resp: 92323

Ion Ratio Lower Upper

75 100

77 34.7 23.7 35.5





#49

cis-1,3-Dichloropropene

Concen: 18.813 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

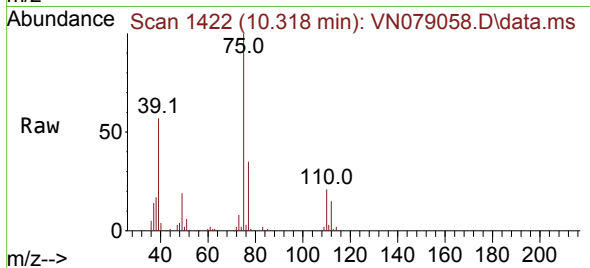
Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :



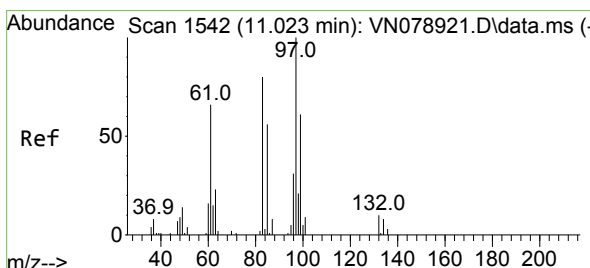
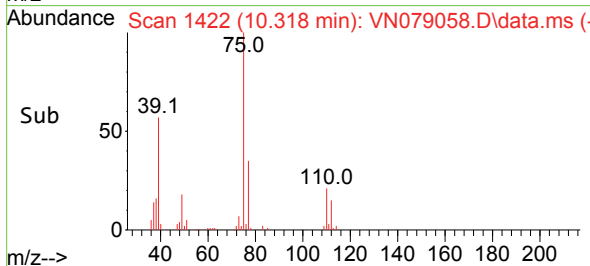
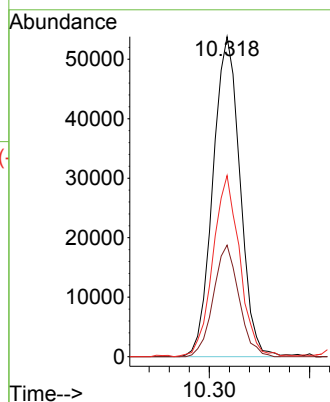
Tgt Ion: 75 Resp: 100790

Ion Ratio Lower Upper

75 100

77 34.8 27.8 41.8

39 56.3 43.5 65.3



#50

1,1,2-Trichloroethane

Concen: 19.658 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Tgt Ion: 97 Resp: 61967

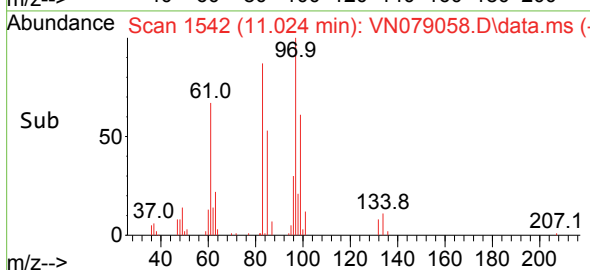
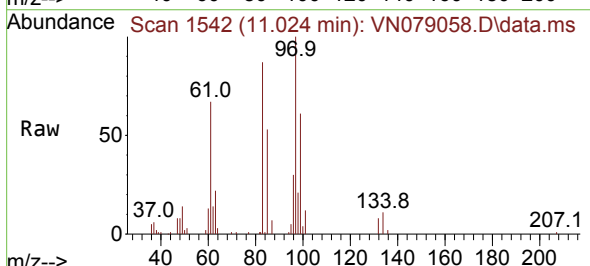
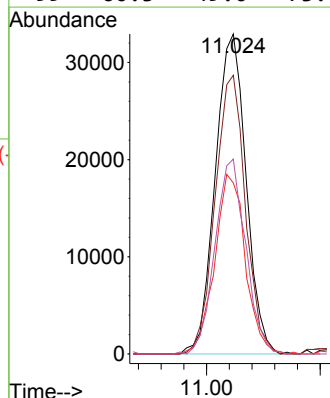
Ion Ratio Lower Upper

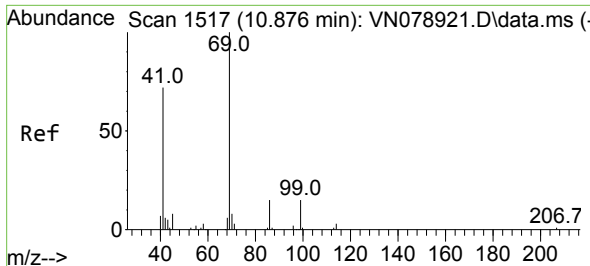
97 100

83 87.1 63.7 95.5

85 53.4 44.9 67.3

99 60.3 49.0 73.4

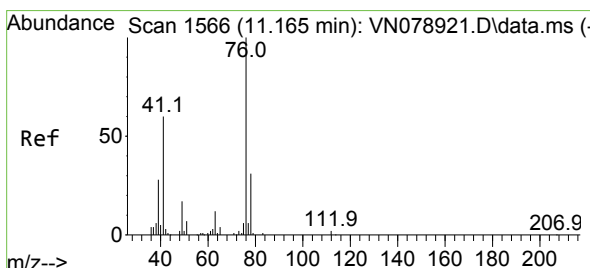
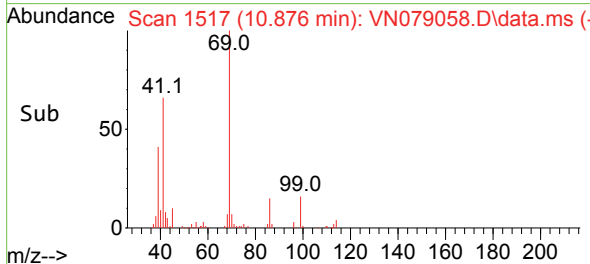
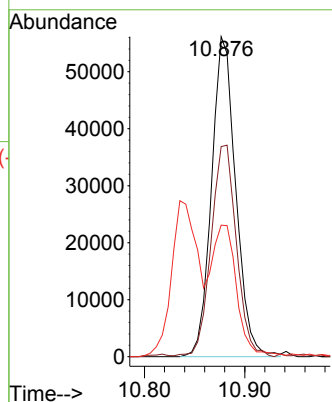
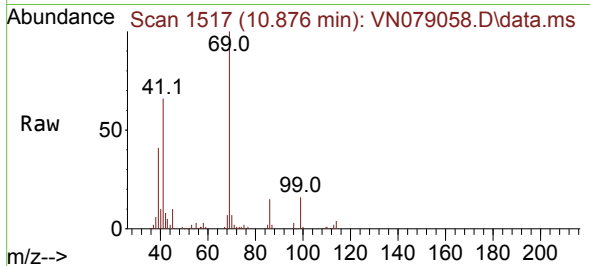




#51
Ethyl methacrylate
Concen: 19.298 ug/l
RT: 10.876 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

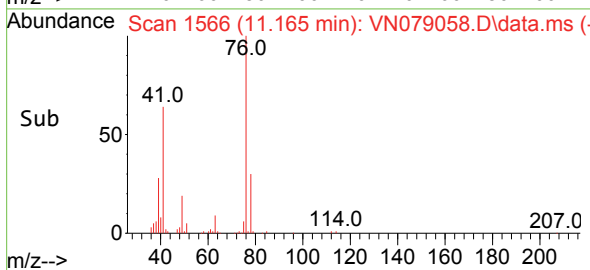
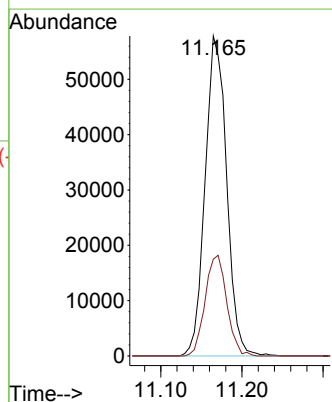
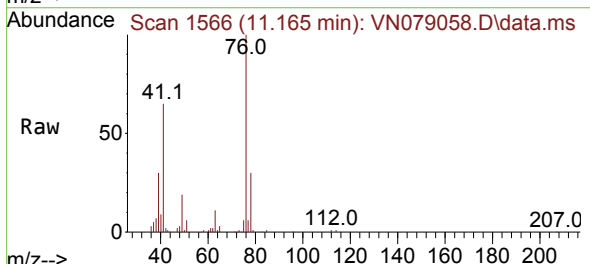
Instrument :
MSVOA_N
ClientSampleId :

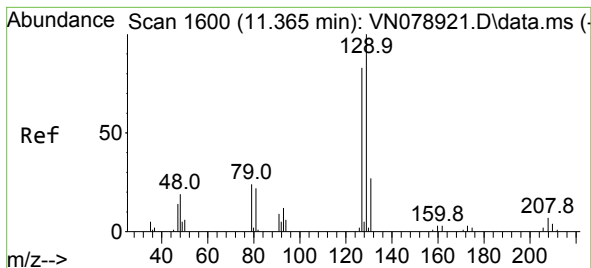
Tgt Ion: 69 Resp: 94153
Ion Ratio Lower Upper
69 100
41 65.0 35.9 107.8
39 40.4 23.5 70.5



#52
1,3-Dichloropropane
Concen: 18.840 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 76 Resp: 106371
Ion Ratio Lower Upper
76 100
78 31.3 0.0 64.6





#53

Dibromochloromethane

Concen: 18.456 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

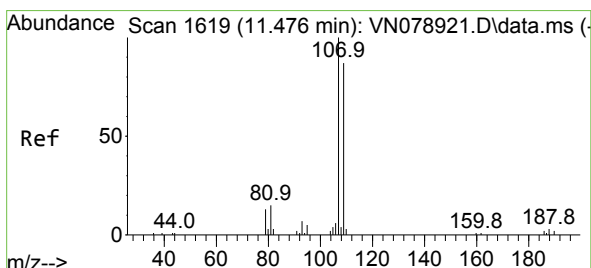
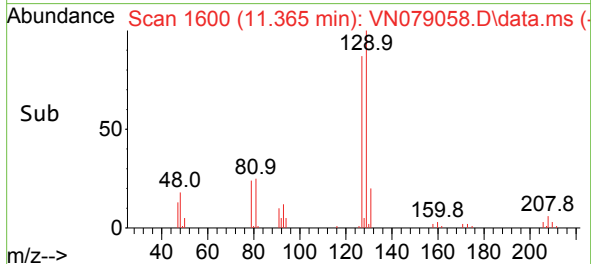
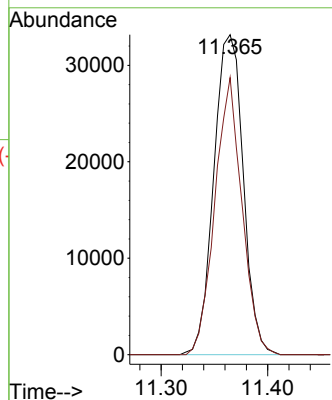
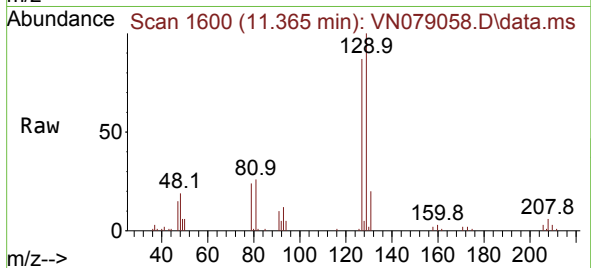
ClientSampleId :

Tgt Ion:129 Resp: 63675

Ion Ratio Lower Upper

129 100

127 79.8 40.1 120.2



#54

1,2-Dibromoethane

Concen: 18.520 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.006 min

Lab File: VN079058.D

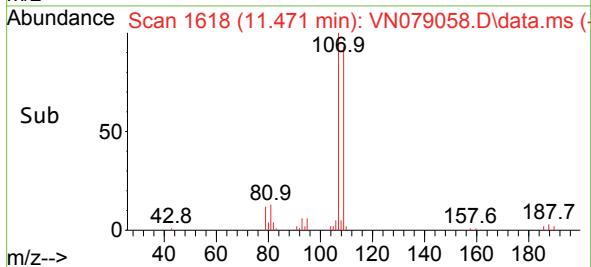
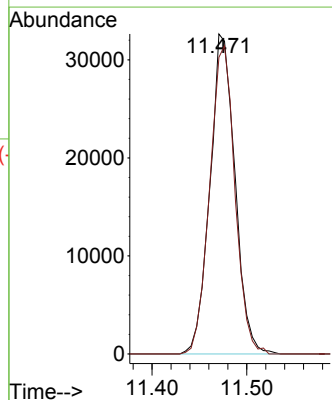
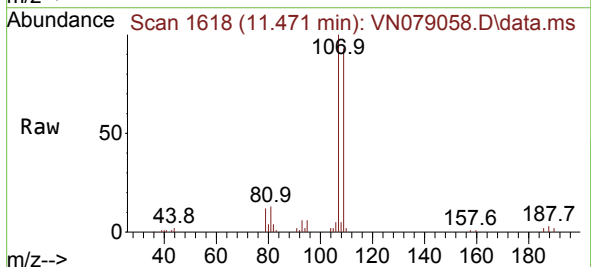
Acq: 28 Aug 2023 11:12

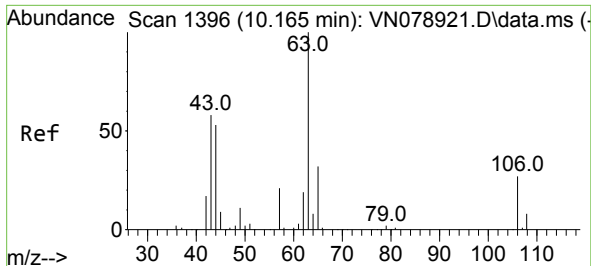
Tgt Ion:107 Resp: 59937

Ion Ratio Lower Upper

107 100

109 96.7 71.7 107.5

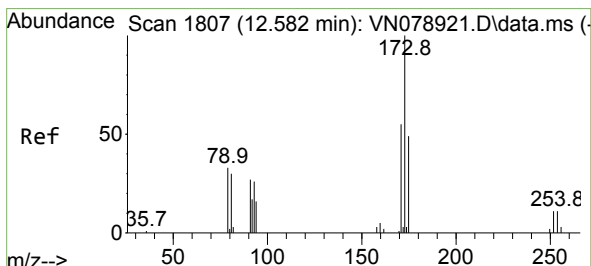
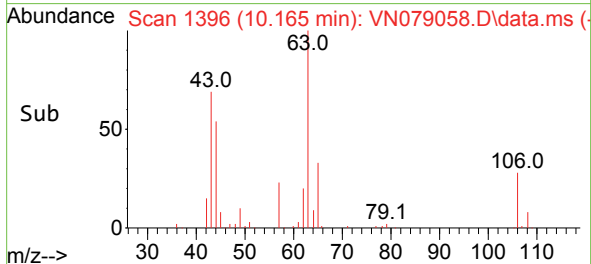
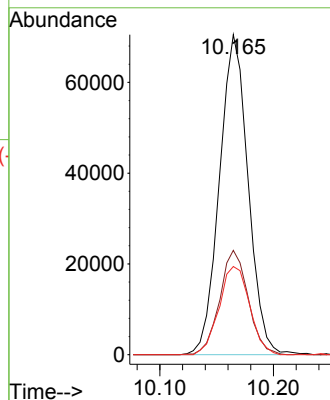
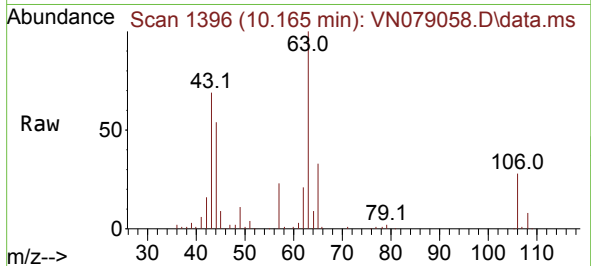




#55
2-Chloroethyl vinyl ether
Concen: 54.697 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

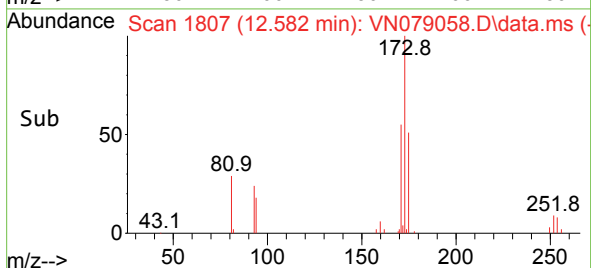
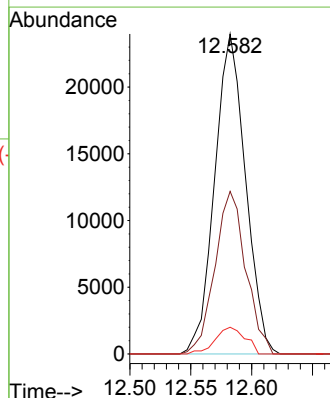
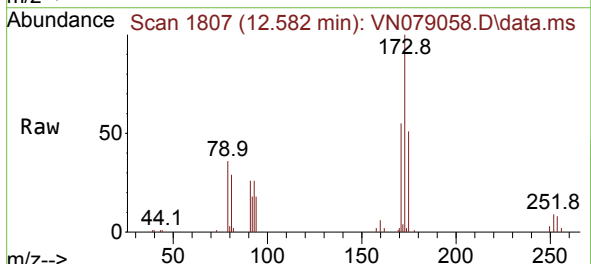
Instrument :
MSVOA_N
ClientSampleId :

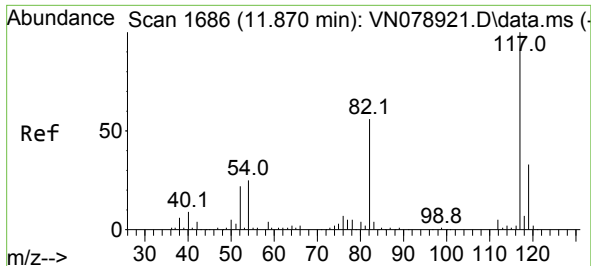
Tgt Ion: 63 Resp: 123348
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 29.4 22.3 33.5



#56
Bromoform
Concen: 17.349 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion:173 Resp: 42230
Ion Ratio Lower Upper
173 100
175 51.0 38.8 58.2
254 8.1 7.6 11.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

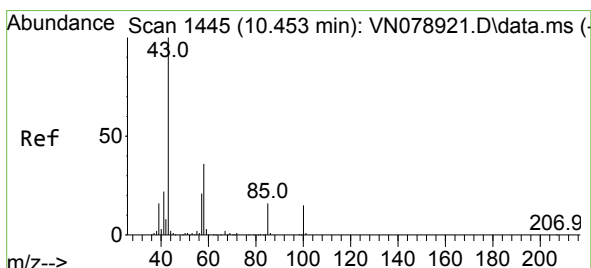
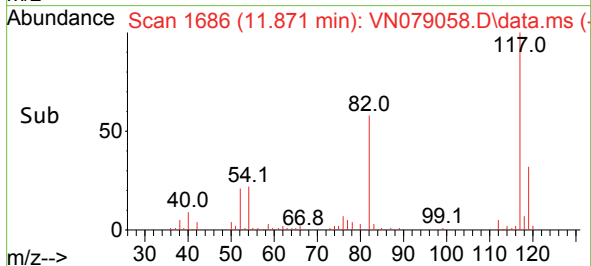
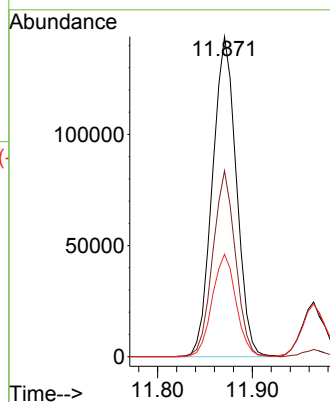
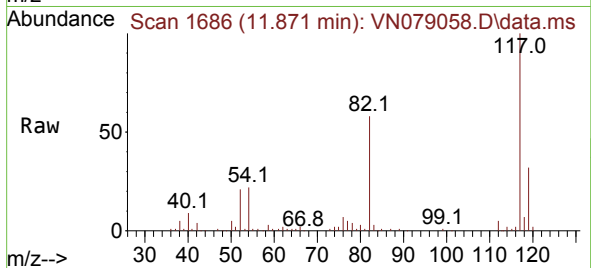
Tgt Ion:117 Resp: 252949

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 31.8 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 91.050 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

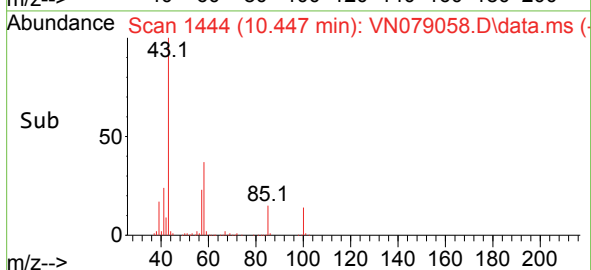
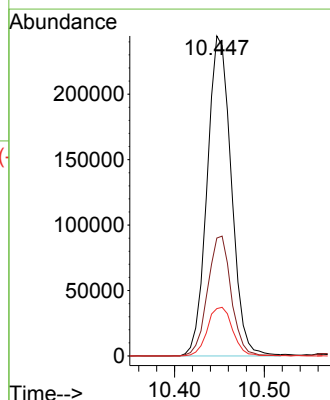
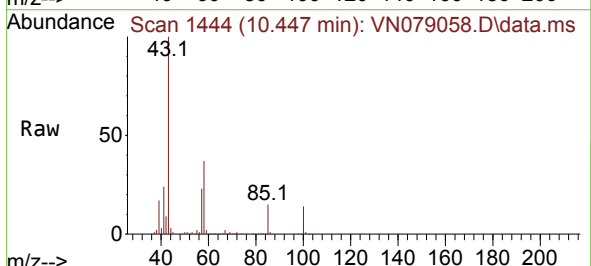
Tgt Ion: 43 Resp: 456944

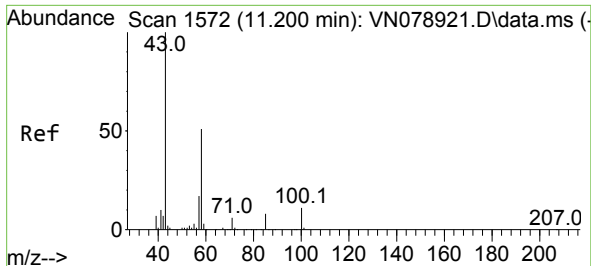
Ion Ratio Lower Upper

43 100

58 36.7 28.8 43.2

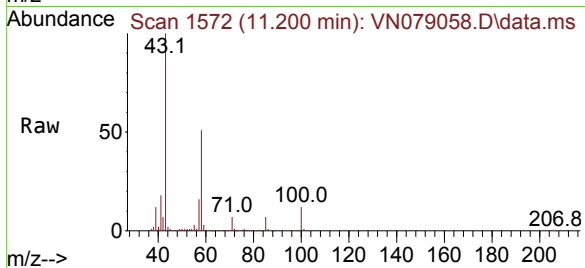
85 15.9 12.7 19.1



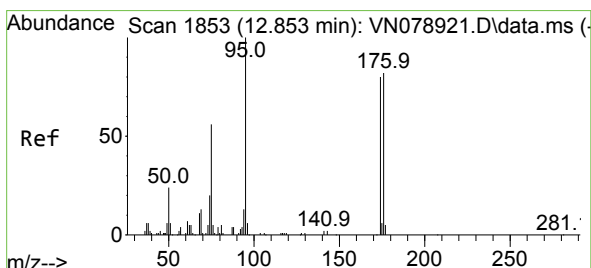
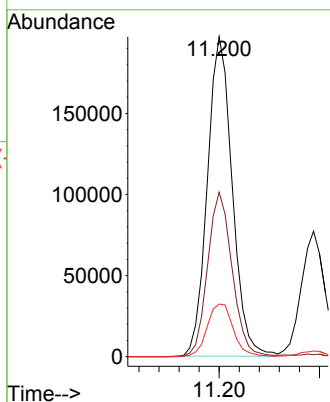
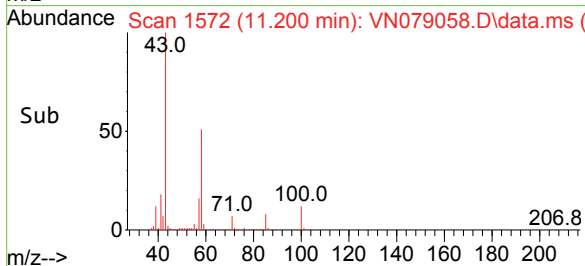


#59
2-Hexanone
Concen: 92.584 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

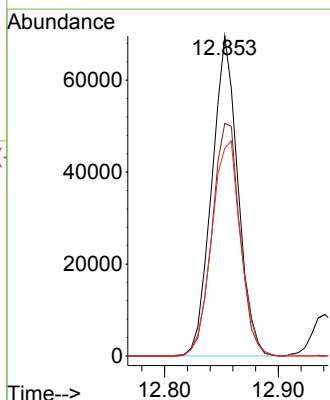
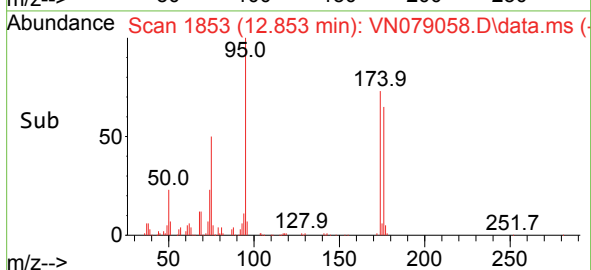
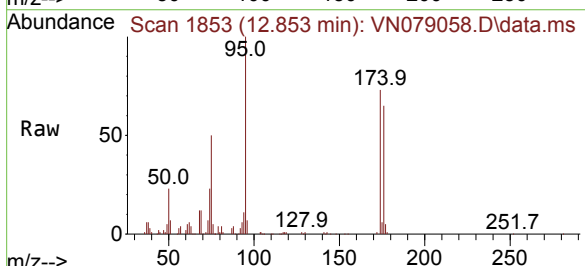


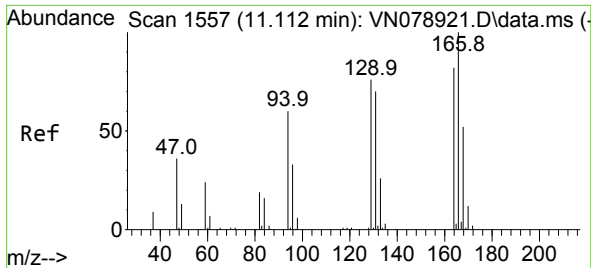
Tgt Ion: 43 Resp: 340435
Ion Ratio Lower Upper
43 100
58 50.7 40.6 60.8
57 17.3 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 30.059 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

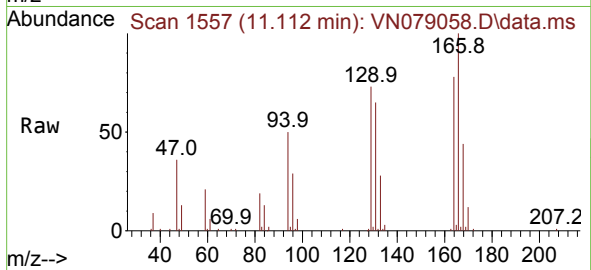
Tgt Ion: 95 Resp: 110912
Ion Ratio Lower Upper
95 100
174 77.6 64.8 97.2
176 74.9 63.0 94.6



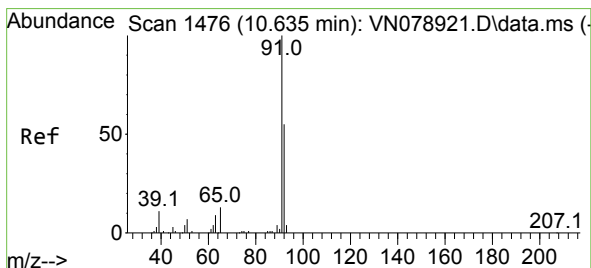
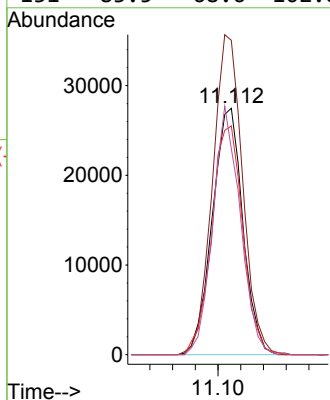
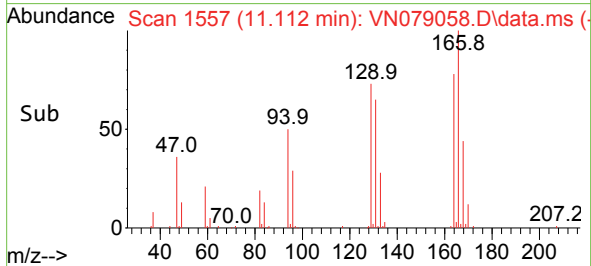


#61
Tetrachloroethene
Concen: 20.927 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

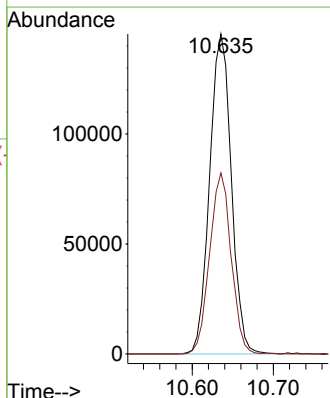
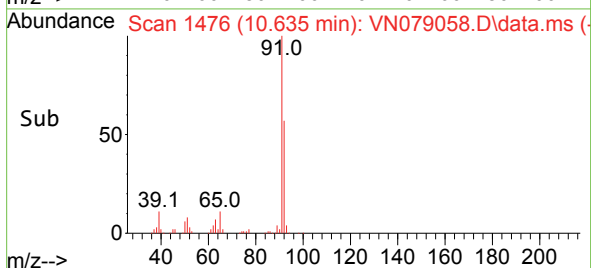
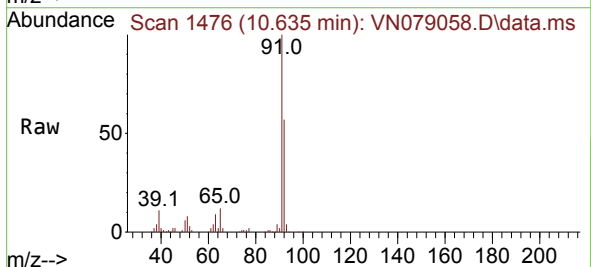


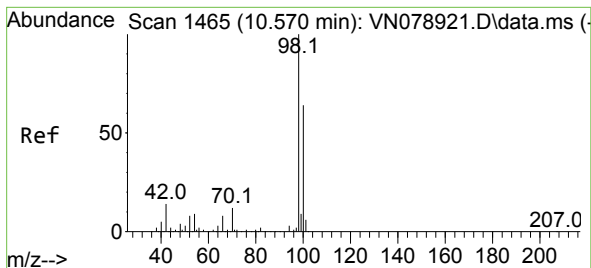
Tgt Ion:164 Resp: 51255
Ion Ratio Lower Upper
164 100
166 127.6 97.6 146.4
129 92.9 74.1 111.1
131 83.5 68.6 102.8



#62
Toluene
Concen: 19.561 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 91 Resp: 270136
Ion Ratio Lower Upper
91 100
92 56.1 44.7 67.1





#63

Toluene-d8

Concen: 29.848 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

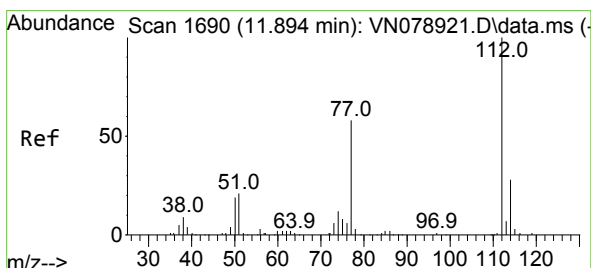
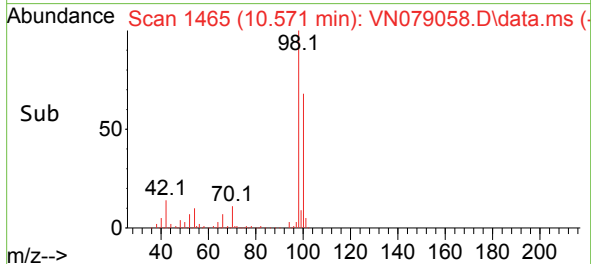
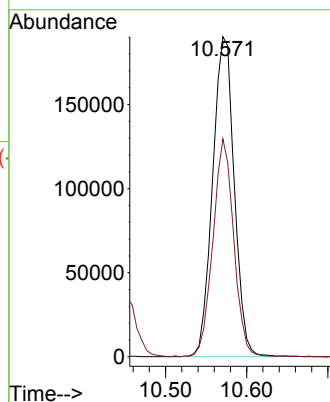
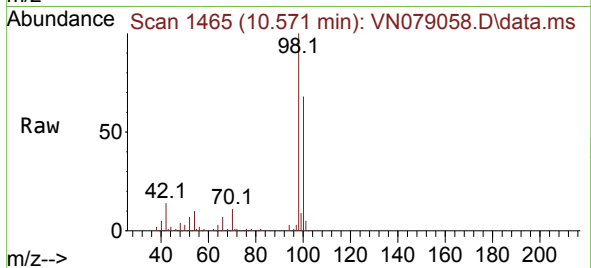
ClientSampleId :

Tgt Ion: 98 Resp: 352580

Ion Ratio Lower Upper

98 100

100 65.2 51.1 76.7



#64

Chlorobenzene

Concen: 19.471 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079058.D

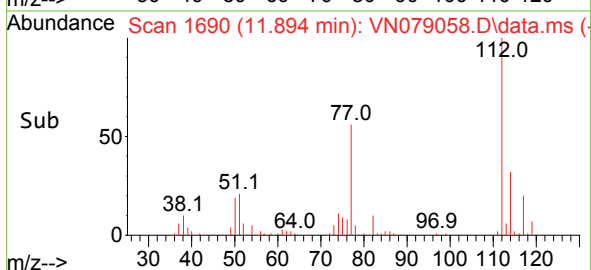
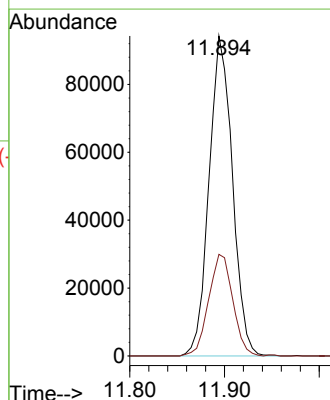
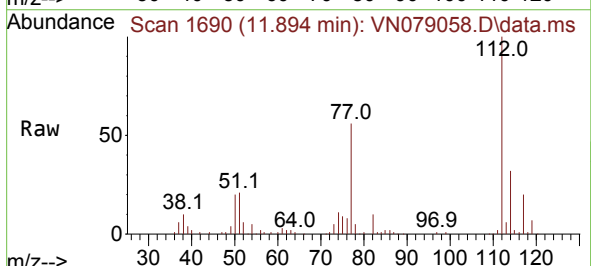
Acq: 28 Aug 2023 11:12

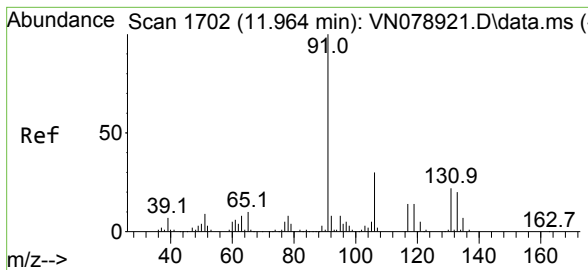
Tgt Ion: 112 Resp: 161671

Ion Ratio Lower Upper

112 100

114 31.7 22.4 33.6

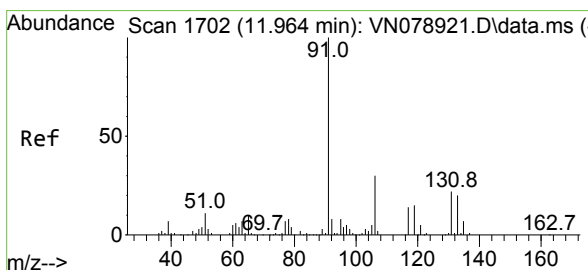
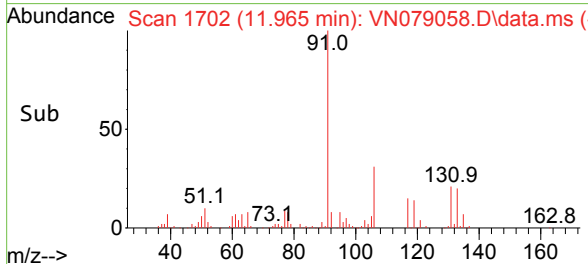
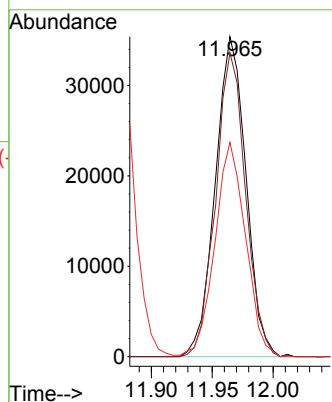
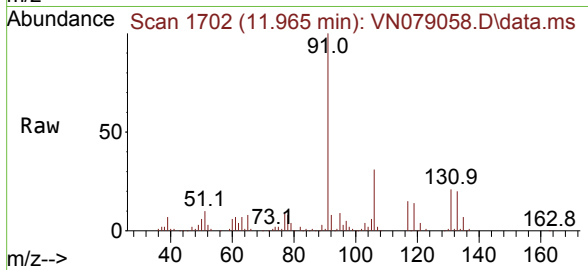




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.535 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

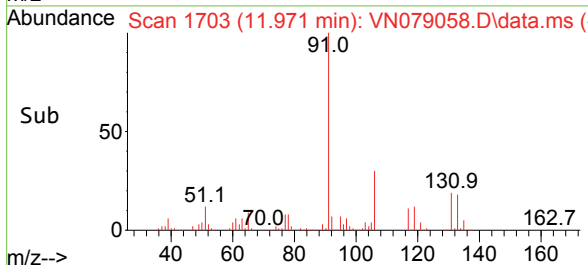
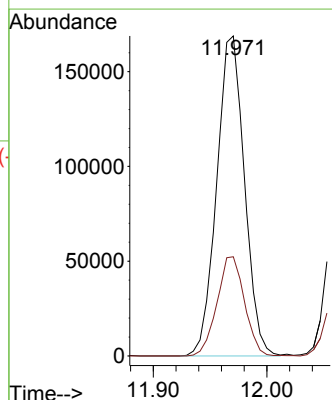
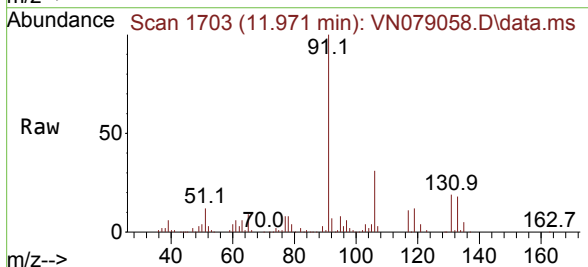
Instrument :
 MSVOA_N
 ClientSampleId :

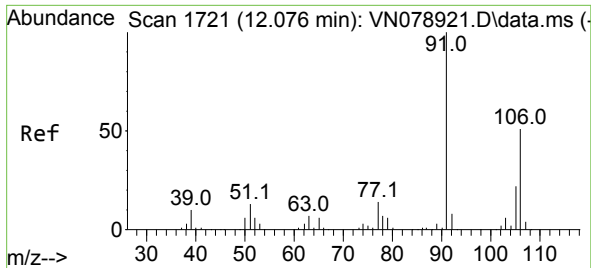
Tgt Ion:131 Resp: 62020
 Ion Ratio Lower Upper
 131 100
 133 92.6 0.0 184.8
 119 67.0 0.0 133.4



#66
 Ethyl Benzene
 Concen: 19.865 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 91 Resp: 286952
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.1 36.1

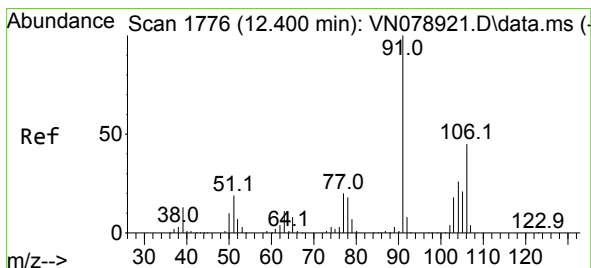
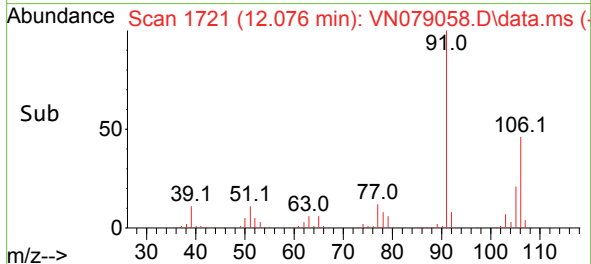
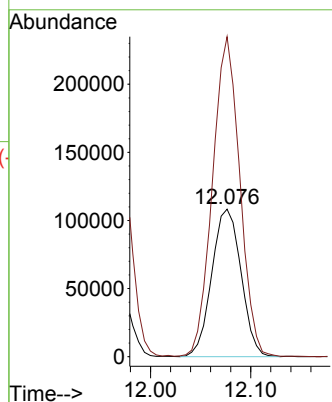
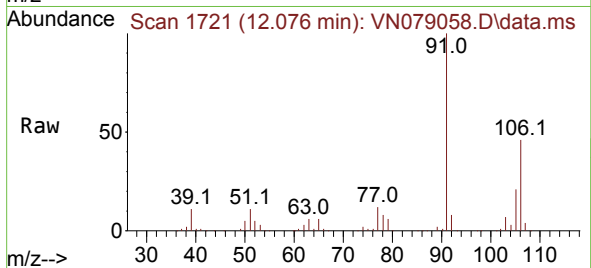




#67
m/p-Xylenes
Concen: 40.741 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

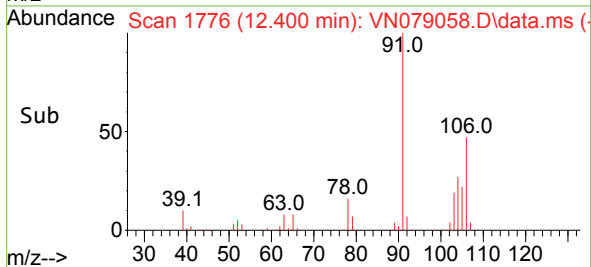
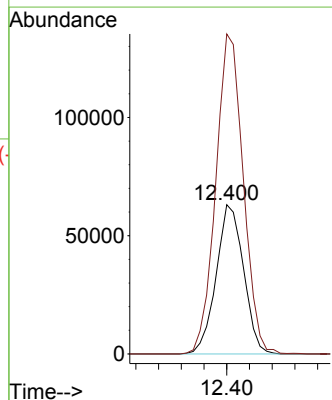
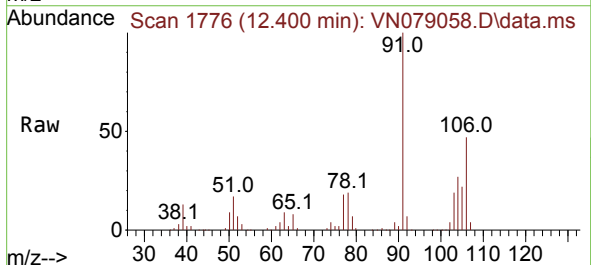
Instrument :
MSVOA_N
ClientSampleId :

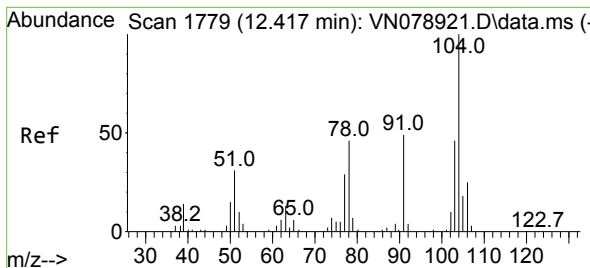
Tgt Ion:106 Resp: 219433
Ion Ratio Lower Upper
106 100
91 202.5 161.2 241.8



#68
o-Xylene
Concen: 19.880 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion:106 Resp: 105575
Ion Ratio Lower Upper
106 100
91 215.5 109.0 327.0





#69

Styrene

Concen: 19.490 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

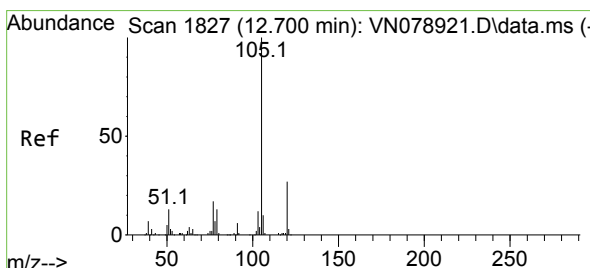
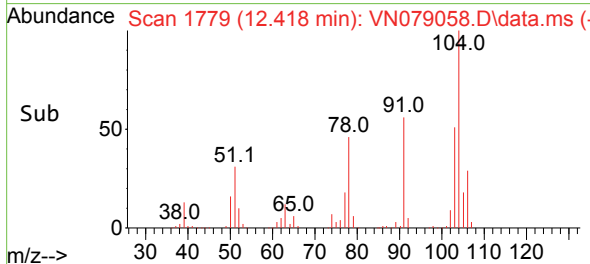
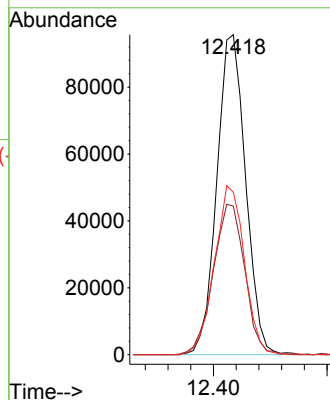
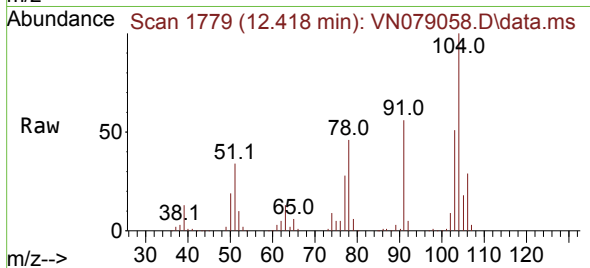
Tgt Ion:104 Resp: 168182

Ion Ratio Lower Upper

104 100

78 51.3 40.2 60.4

103 55.0 43.2 64.8



#70

Isopropylbenzene

Concen: 20.594 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079058.D

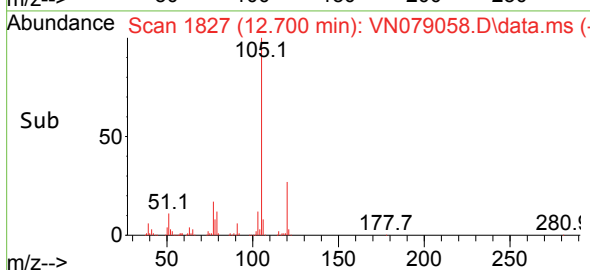
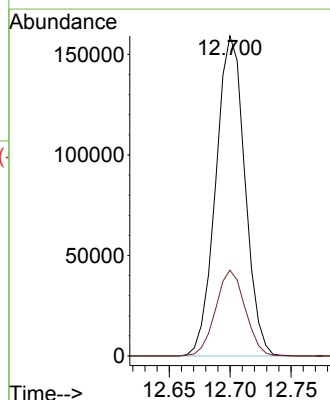
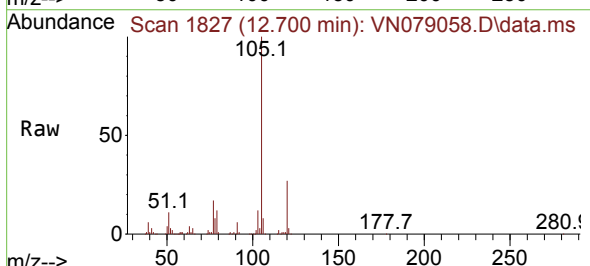
Acq: 28 Aug 2023 11:12

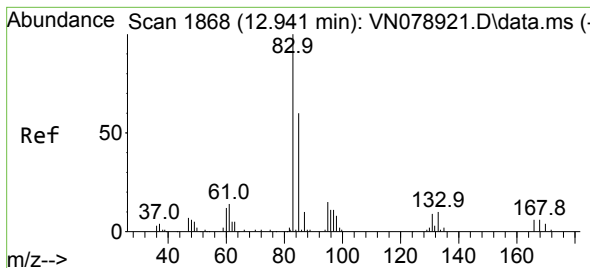
Tgt Ion:105 Resp: 264991

Ion Ratio Lower Upper

105 100

120 27.1 19.1 35.5

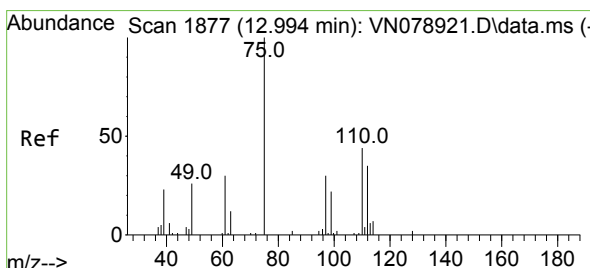
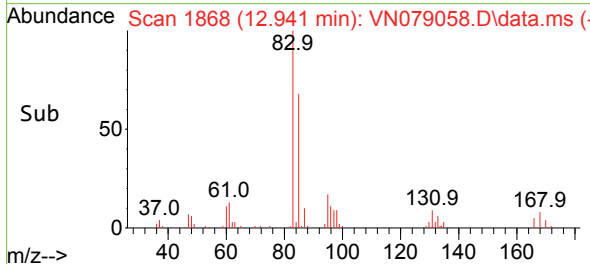
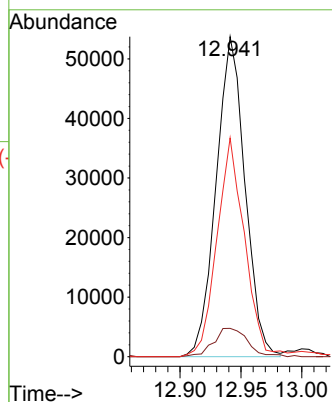
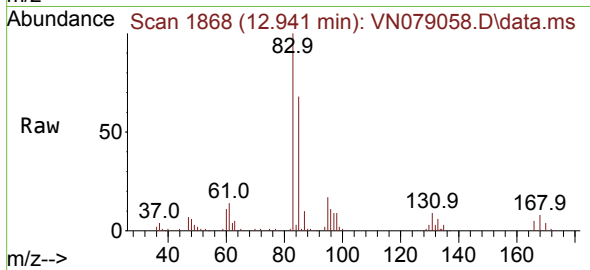




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.420 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

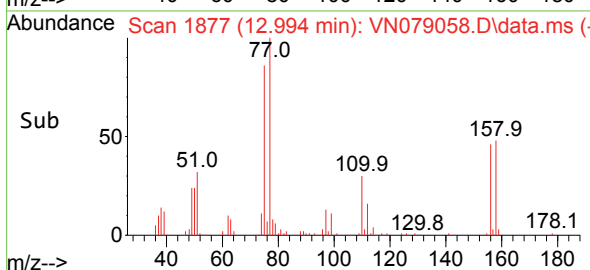
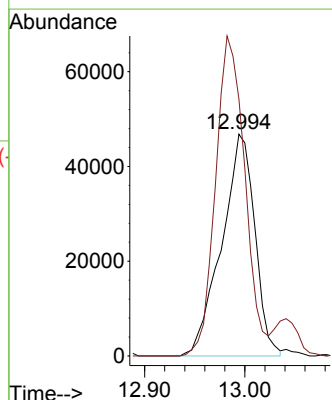
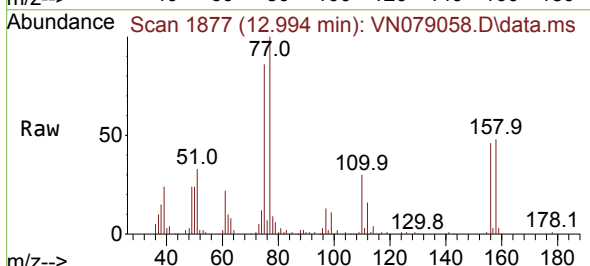
Instrument :
 MSVOA_N
 ClientSampleId :

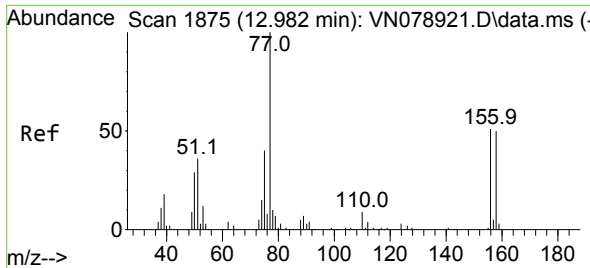
Tgt Ion: 83 Resp: 88849
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.7 14.0
 85 64.6 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 27.240 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 75 Resp: 107795
 Ion Ratio Lower Upper
 75 100
 77 127.1 0.0 367.4

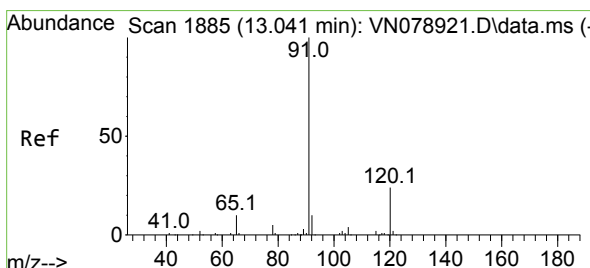
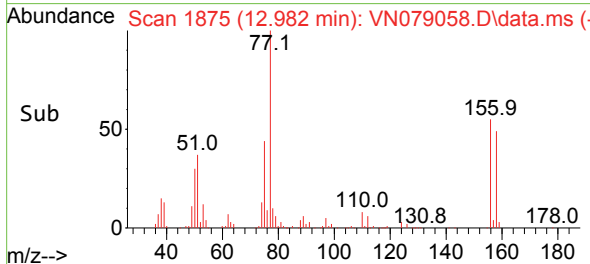
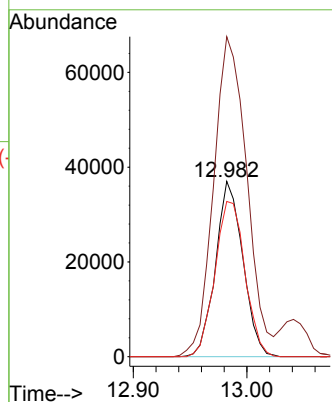
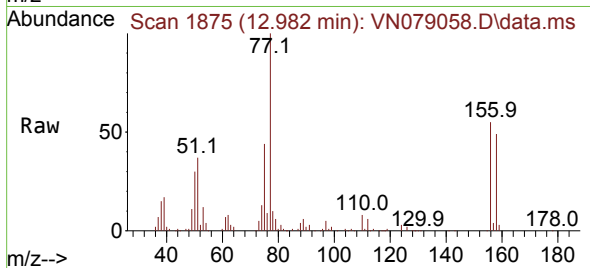




#73
Bromobenzene
Concen: 18.902 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

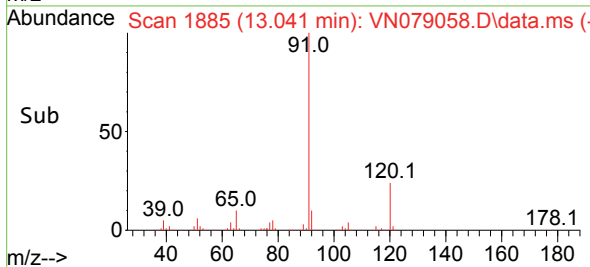
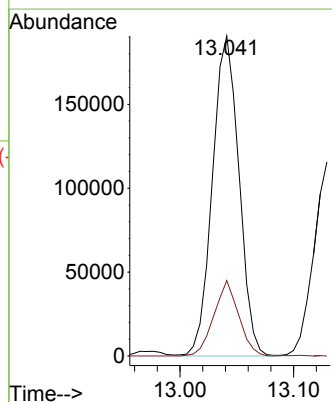
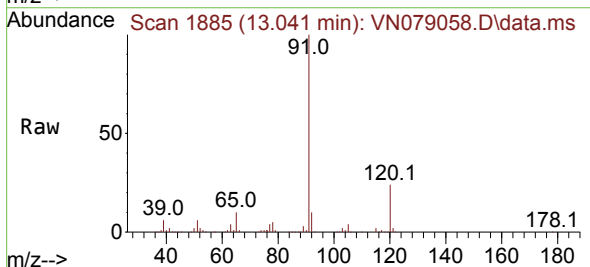
Instrument :
MSVOA_N
ClientSampleId :

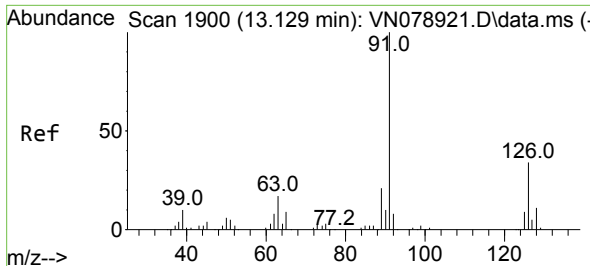
Tgt Ion:156 Resp: 61920
Ion Ratio Lower Upper
156 100
77 221.2 0.0 431.0
158 97.3 0.0 196.8



#74
n-propylbenzene
Concen: 21.232 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 91 Resp: 309627
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.4

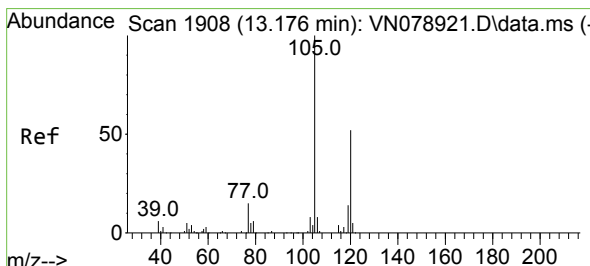
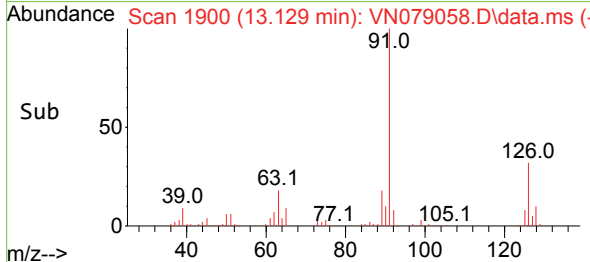
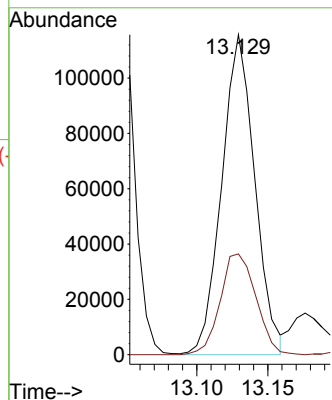
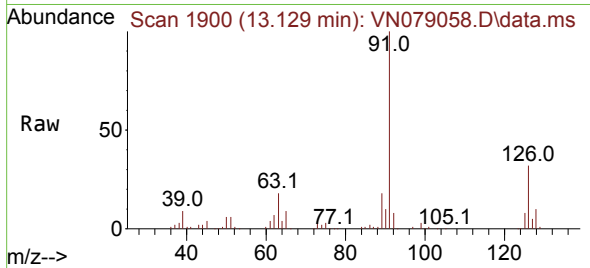




#75
2-Chlorotoluene
Concen: 20.248 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

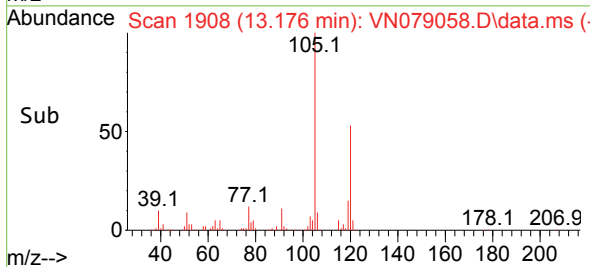
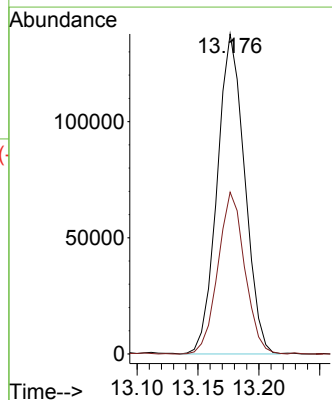
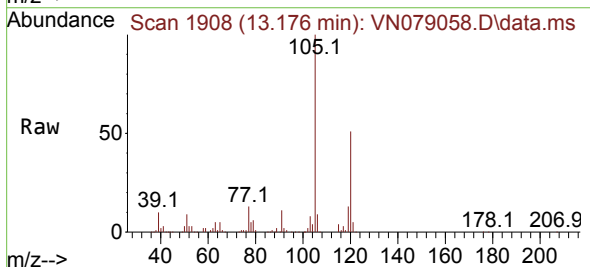
Instrument :
MSVOA_N
ClientSampleId :

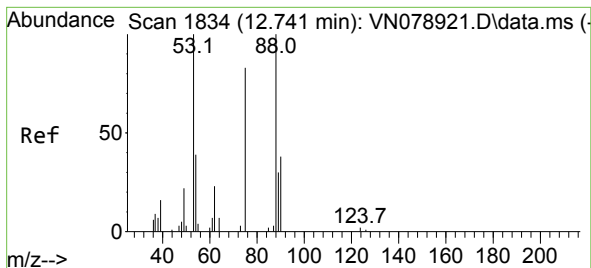
Tgt Ion: 91 Resp: 187318
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 21.207 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 105 Resp: 216312
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.8

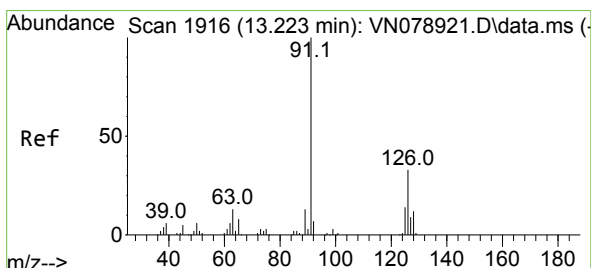
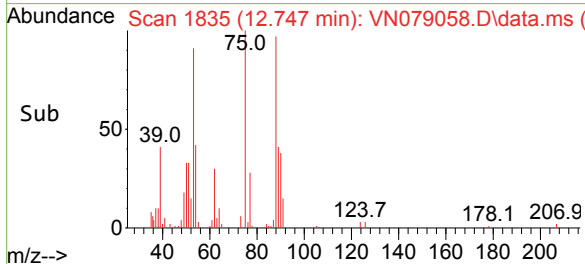
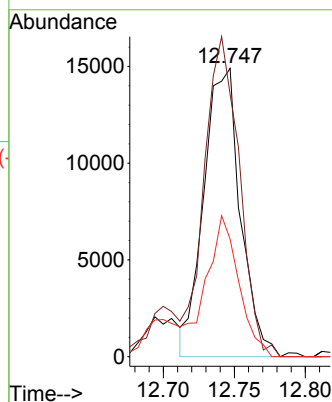
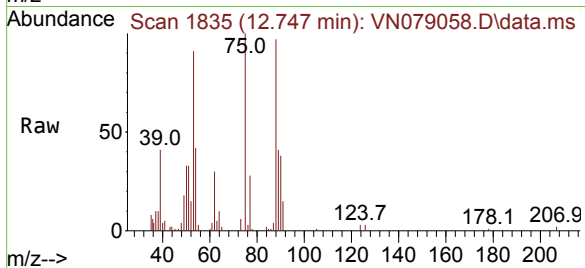




#77
t-1,4-Dichloro-2-butene
Concen: 18.132 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

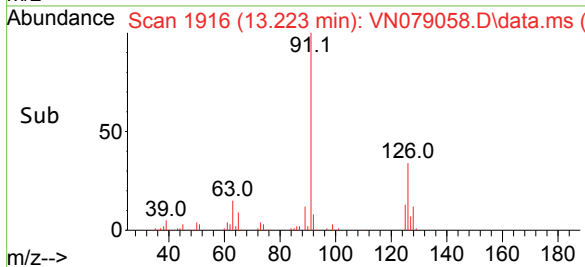
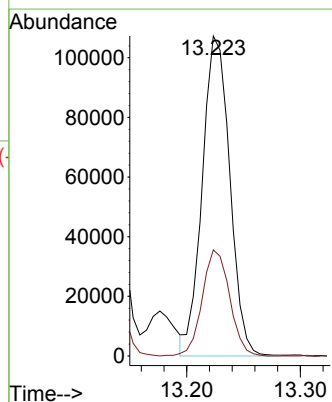
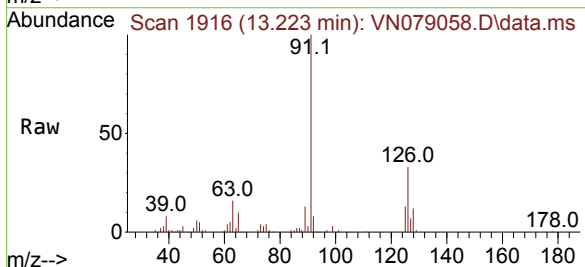
Instrument :
MSVOA_N
ClientSampleId :

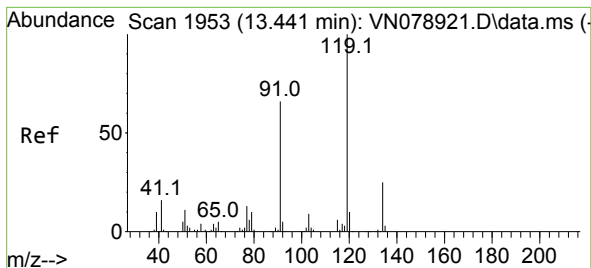
Tgt Ion: 75 Resp: 26665
Ion Ratio Lower Upper
75 100
53 90.9 60.1 180.3
89 40.7 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.402 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 91 Resp: 180828
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.4





#79

tert-butylbenzene

Concen: 20.777 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

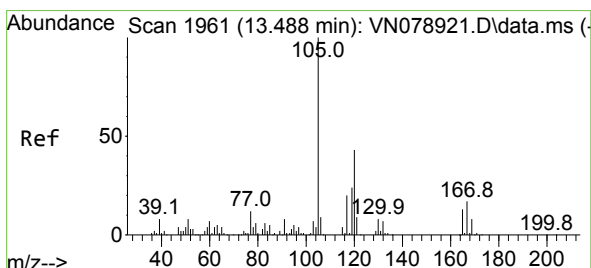
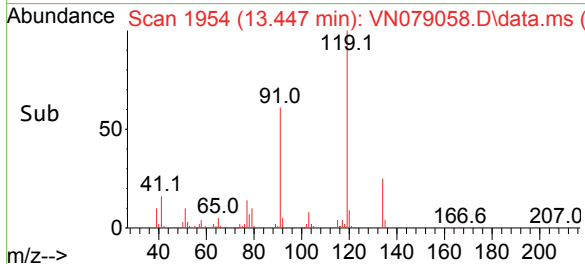
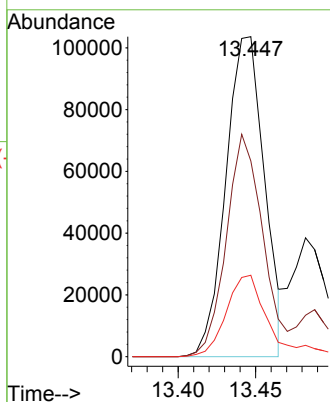
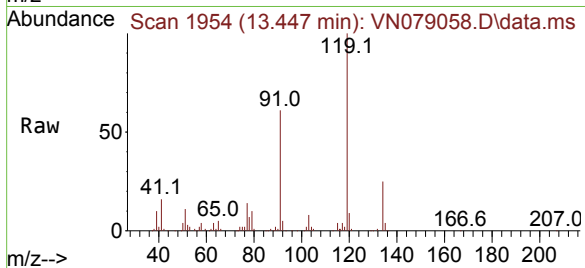
Tgt Ion:119 Resp: 179087

Ion Ratio Lower Upper

119 100

91 66.1 0.0 135.6

134 26.0 0.0 51.4



#80

1,2,4-Trimethylbenzene

Concen: 20.731 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079058.D

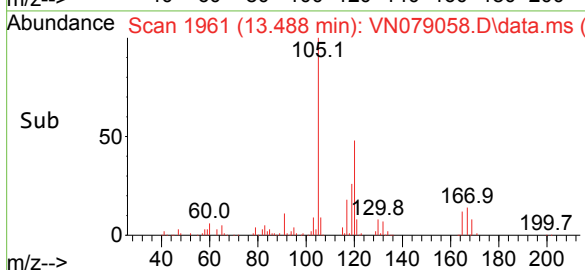
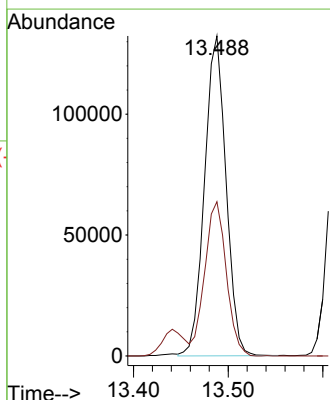
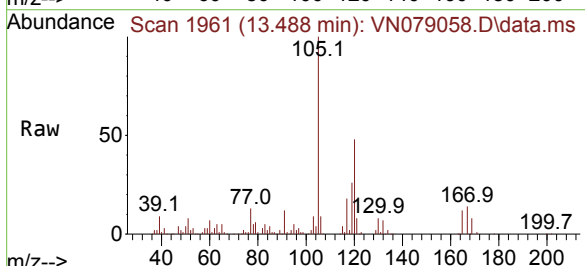
Acq: 28 Aug 2023 11:12

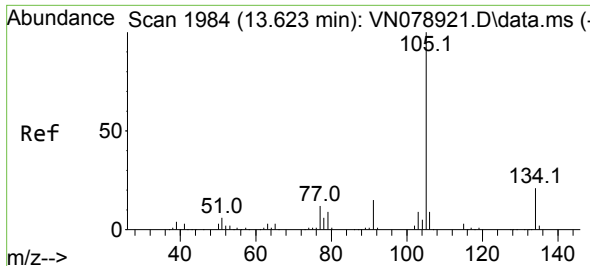
Tgt Ion:105 Resp: 207929

Ion Ratio Lower Upper

105 100

120 48.5 0.0 91.6

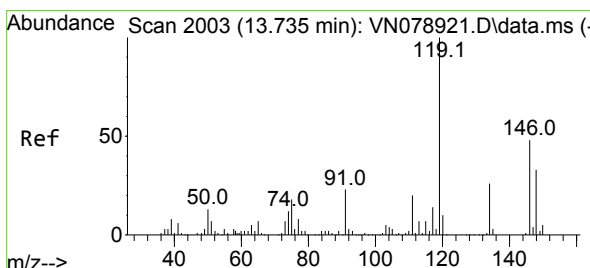
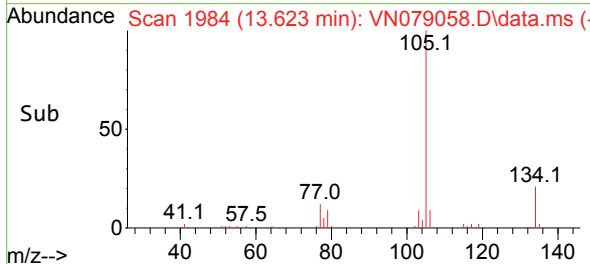
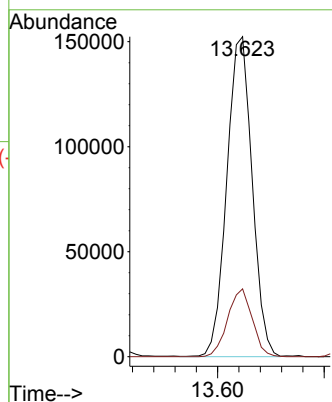
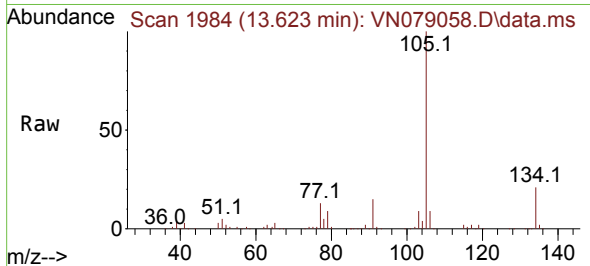




#81
 sec-Butylbenzene
 Concen: 22.116 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

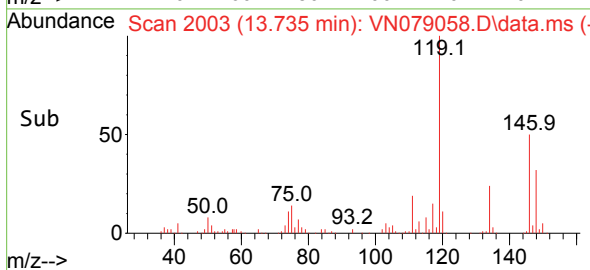
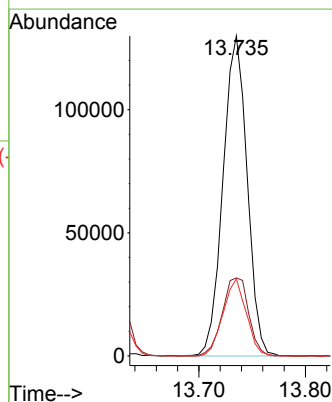
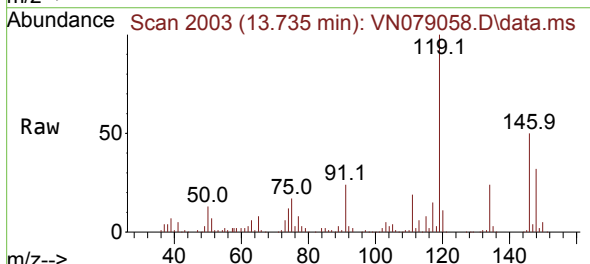
Instrument :
 MSVOA_N
 ClientSampleId :

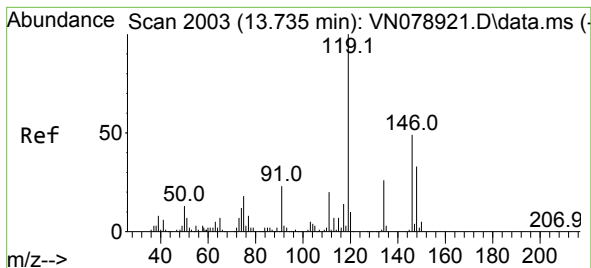
Tgt Ion:105 Resp: 251578
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 22.009 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079058.D
 Acq: 28 Aug 2023 11:12

Tgt Ion:119 Resp: 204403
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.4
 91 23.2 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 20.931 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

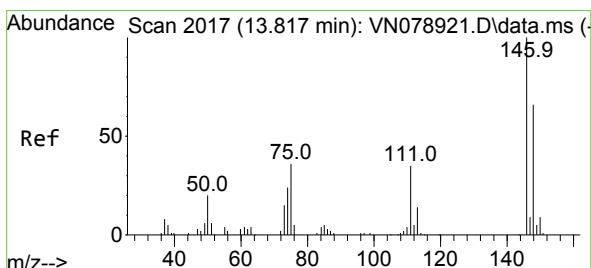
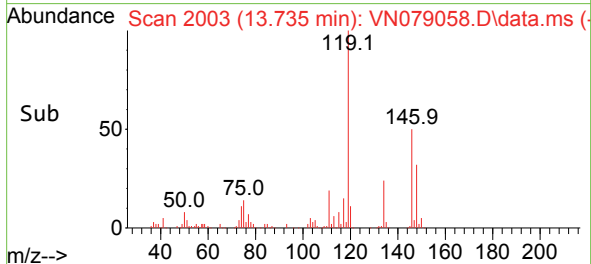
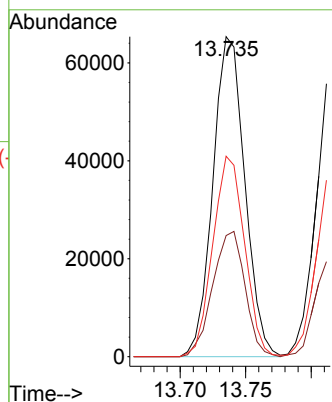
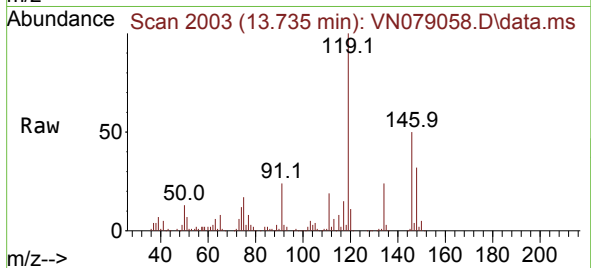
Tgt Ion:146 Resp: 110653

Ion Ratio Lower Upper

146 100

111 39.5 21.2 63.6

148 62.3 33.1 99.5



#84

1,4-Dichlorobenzene

Concen: 19.737 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

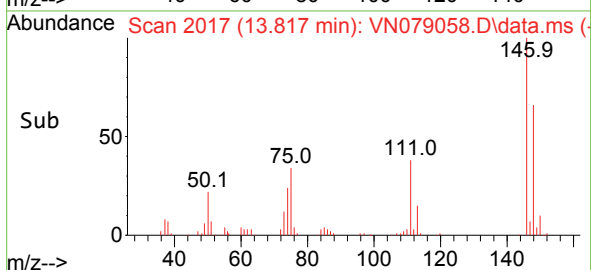
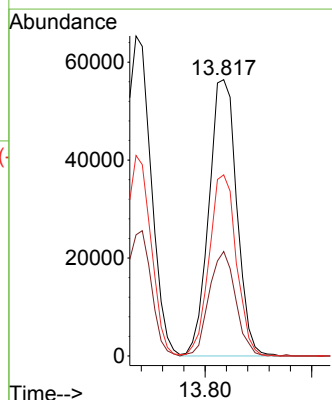
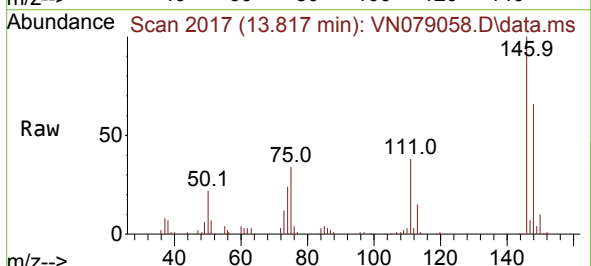
Tgt Ion:146 Resp: 102442

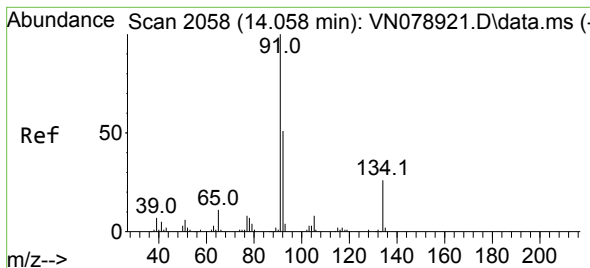
Ion Ratio Lower Upper

146 100

111 36.1 18.6 56.0

148 64.0 32.0 96.2





#85

n-Butylbenzene

Concen: 22.011 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079058.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

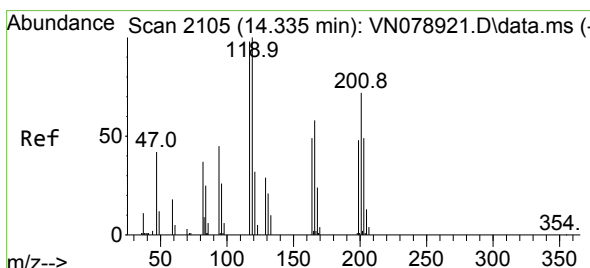
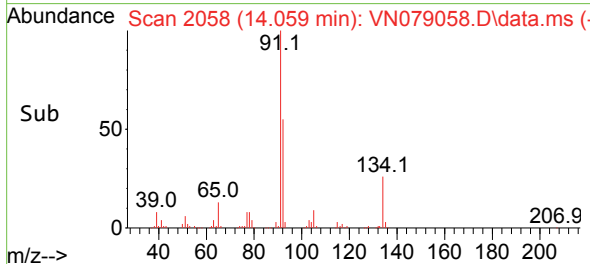
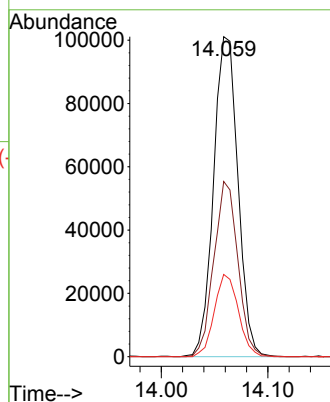
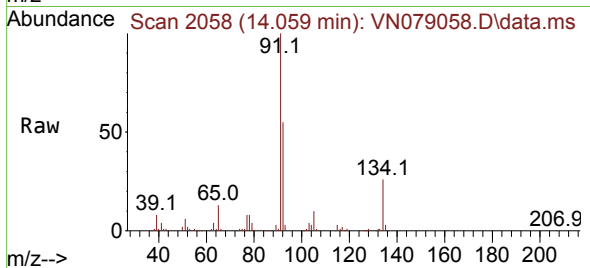
Tgt Ion: 91 Resp: 160785

Ion Ratio Lower Upper

91 100

92 53.9 0.0 102.8

134 25.3 0.0 48.6



#86

Hexachloroethane

Concen: 20.322 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079058.D

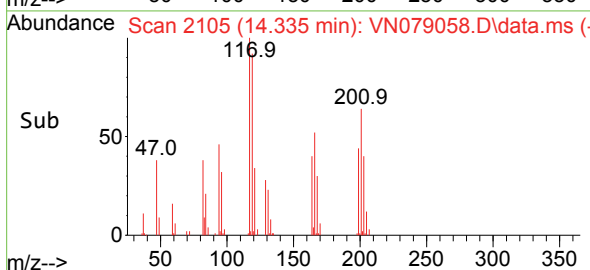
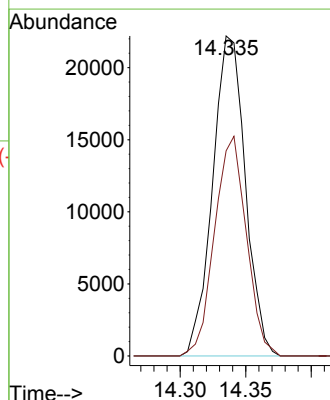
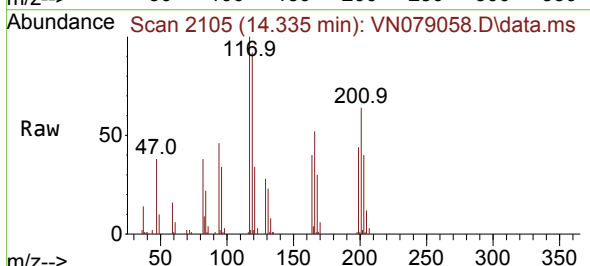
Acq: 28 Aug 2023 11:12

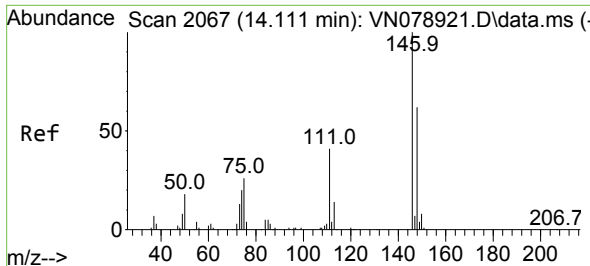
Tgt Ion: 117 Resp: 38618

Ion Ratio Lower Upper

117 100

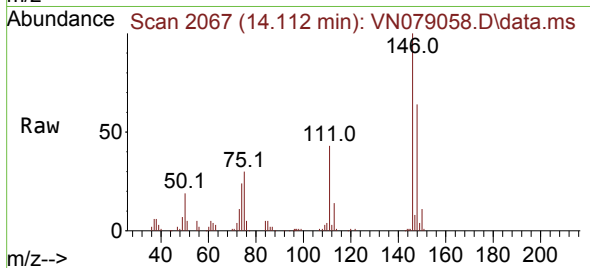
201 66.6 36.6 109.8



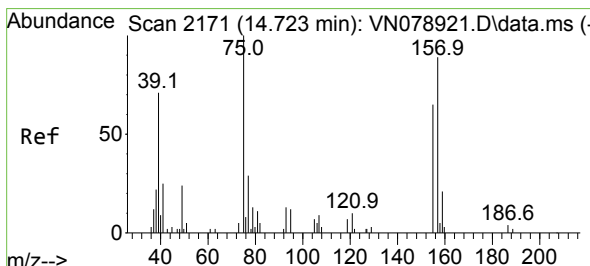
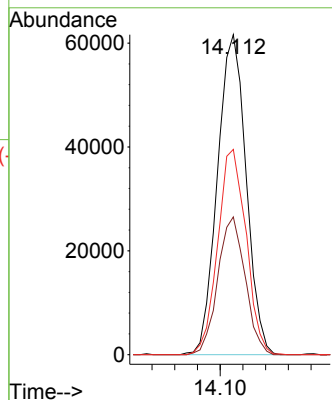
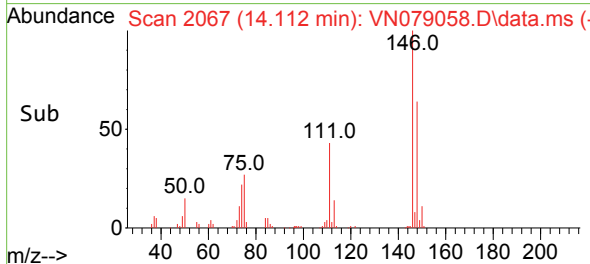


#87
1,2-Dichlorobenzene
Concen: 19.977 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

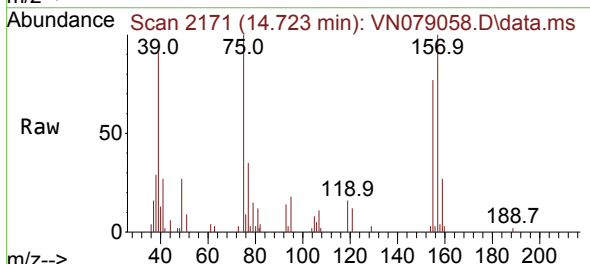
Instrument :
MSVOA_N
ClientSampleId :



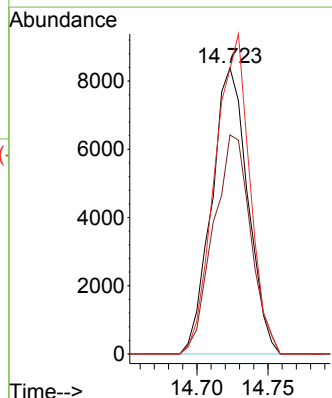
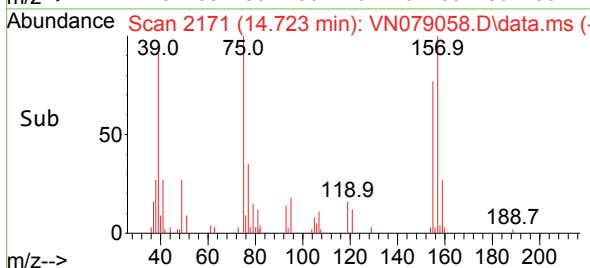
Tgt Ion:146 Resp: 108171
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.8
148 63.4 32.0 96.2

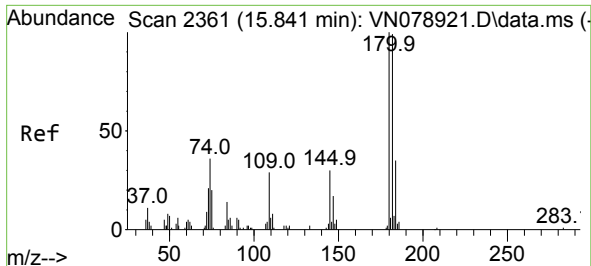


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.132 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12



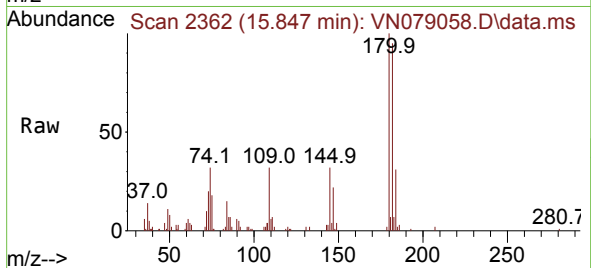
Tgt Ion: 75 Resp: 14832
Ion Ratio Lower Upper
75 100
155 79.0 61.1 91.7
157 107.3 79.8 119.6



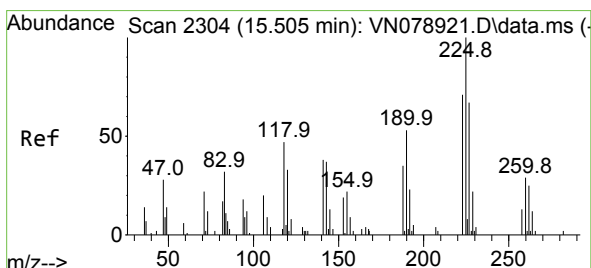
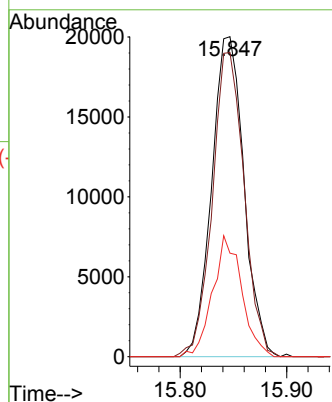
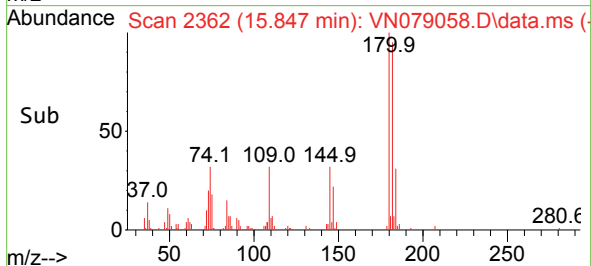


#89
1,2,4-Trichlorobenzene
Concen: 19.693 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

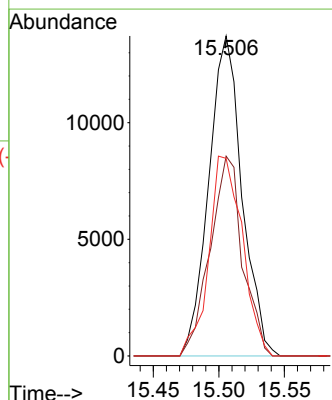
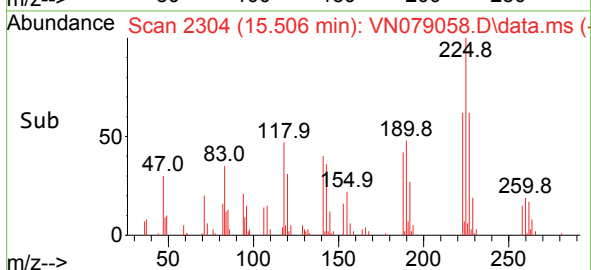
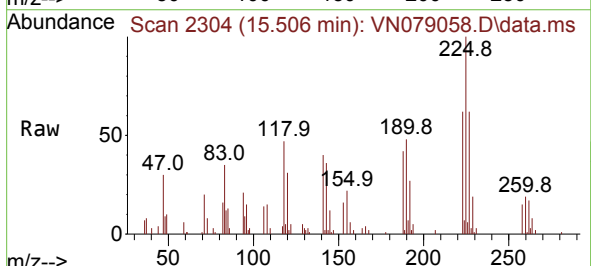


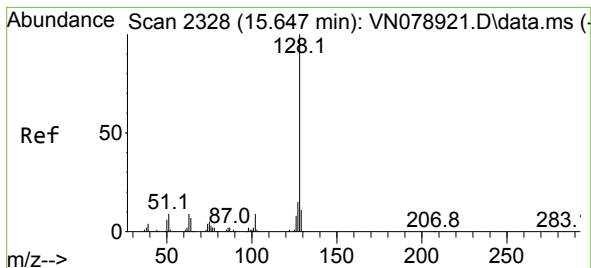
Tgt Ion:180 Resp: 42113
Ion Ratio Lower Upper
180 100
182 93.4 76.1 114.1
145 34.1 26.5 39.7



#90
Hexachlorobutadiene
Concen: 21.767 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion:225 Resp: 24234
Ion Ratio Lower Upper
225 100
223 61.1 0.0 124.0
227 62.8 0.0 117.4

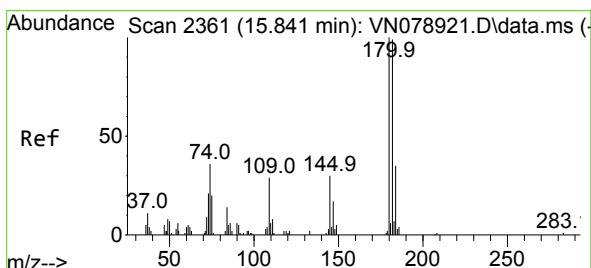
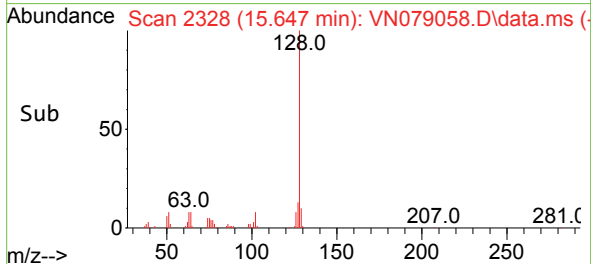
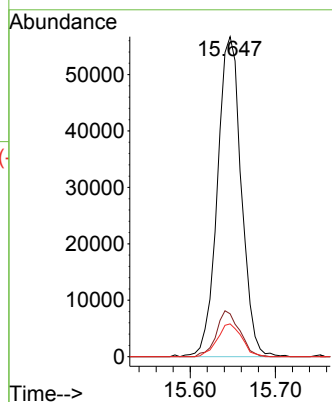
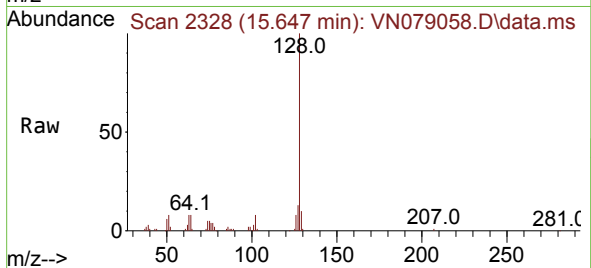




#91
Naphthalene
Concen: 17.865 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 110188
Ion Ratio Lower Upper
128 100
127 14.0 11.1 16.7
129 10.5 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.693 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079058.D
Acq: 28 Aug 2023 11:12

Tgt Ion:180 Resp: 42113
Ion Ratio Lower Upper
180 100
182 93.4 0.0 190.2
145 34.1 0.0 66.2

