

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079109.D
 Acq On : 30 Aug 2023 11:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:14:16 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	7.818	128	37516	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	190522	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	178148	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	88350	29.069	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.900%
60) 4-Bromofluorobenzene	12.853	95	78487	30.203	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.667%
63) Toluene-d8	10.571	98	258695	31.096	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	45303	19.137	ug/l	97
3) Chloromethane	2.365	50	55277	19.484	ug/l	99
4) Vinyl Chloride	2.512	62	55993	19.941	ug/l	98
5) Bromomethane	2.948	94	35635	20.559	ug/l	100
6) Chloroethane	3.112	64	42744	23.425	ug/l	94
7) Trichlorofluoromethane	3.500	101	74208	19.622	ug/l	85
8) Diethyl Ether	3.959	74	24279	17.069	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	39381	19.938	ug/l	89
10) 1,1-Dichloroethene	4.347	96	35366	17.797	ug/l #	88
11) Methyl Iodide	4.589	142	46519	19.399	ug/l	97
12) Methyl Acetate	5.030	43	92399	19.837	ug/l	92
13) Acrolein	4.183	56	29162	89.826	ug/l	97
14) Acrylonitrile	5.724	53	122804	100.297	ug/l #	93
15) Acetone	4.436	58	32225	85.797	ug/l	84
16) Carbon Disulfide	4.712	76	96368	16.878	ug/l	98
17) Allyl chloride	5.024	41	60819	16.698	ug/l	94
18) Methylene Chloride	5.277	84	48933	20.598	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	40828	18.255	ug/l	94
20) Diisopropyl ether	6.677	45	153714	19.401	ug/l #	89
21) 1,1-Dichloroethane	6.571	63	85711	19.496	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	47578	18.587	ug/l	95
23) tert-Butyl Alcohol	5.524	59	41236	90.287	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	128145	18.167	ug/l	98
25) Chloroform	7.971	83	88506	19.984	ug/l	100
26) Cyclohexane	8.265	56	58768	18.274	ug/l #	94
29) 1,1-Dichloropropene	8.377	75	59869	20.657	ug/l	97
30) 2-Butanone	7.494	43	172322	101.565	ug/l	99
31) 2,2-Dichloropropane	7.500	77	63236	19.742	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74239	21.455	ug/l	99
33) Carbon Tetrachloride	8.365	117	63716	21.258	ug/l	90
34) Benzene	8.612	78	188259	21.676	ug/l	98
35) Methacrylonitrile	7.783	41	35137	19.430	ug/l	92
36) 1,2-Dichloroethane	8.671	62	72331	22.239	ug/l	97
37) Trichloroethene	9.359	130	43858	20.286	ug/l	86
38) Methylcyclohexane	9.606	83	51283	20.098	ug/l	99
39) 1,2-Dichloropropane	9.629	63	49509	21.162	ug/l	97
40) Dibromomethane	9.712	93	35144	22.411	ug/l	96
41) Bromodichloromethane	9.894	83	71173	22.568	ug/l	97
42) Vinyl Acetate	6.612	43	475423	99.385	ug/l	98

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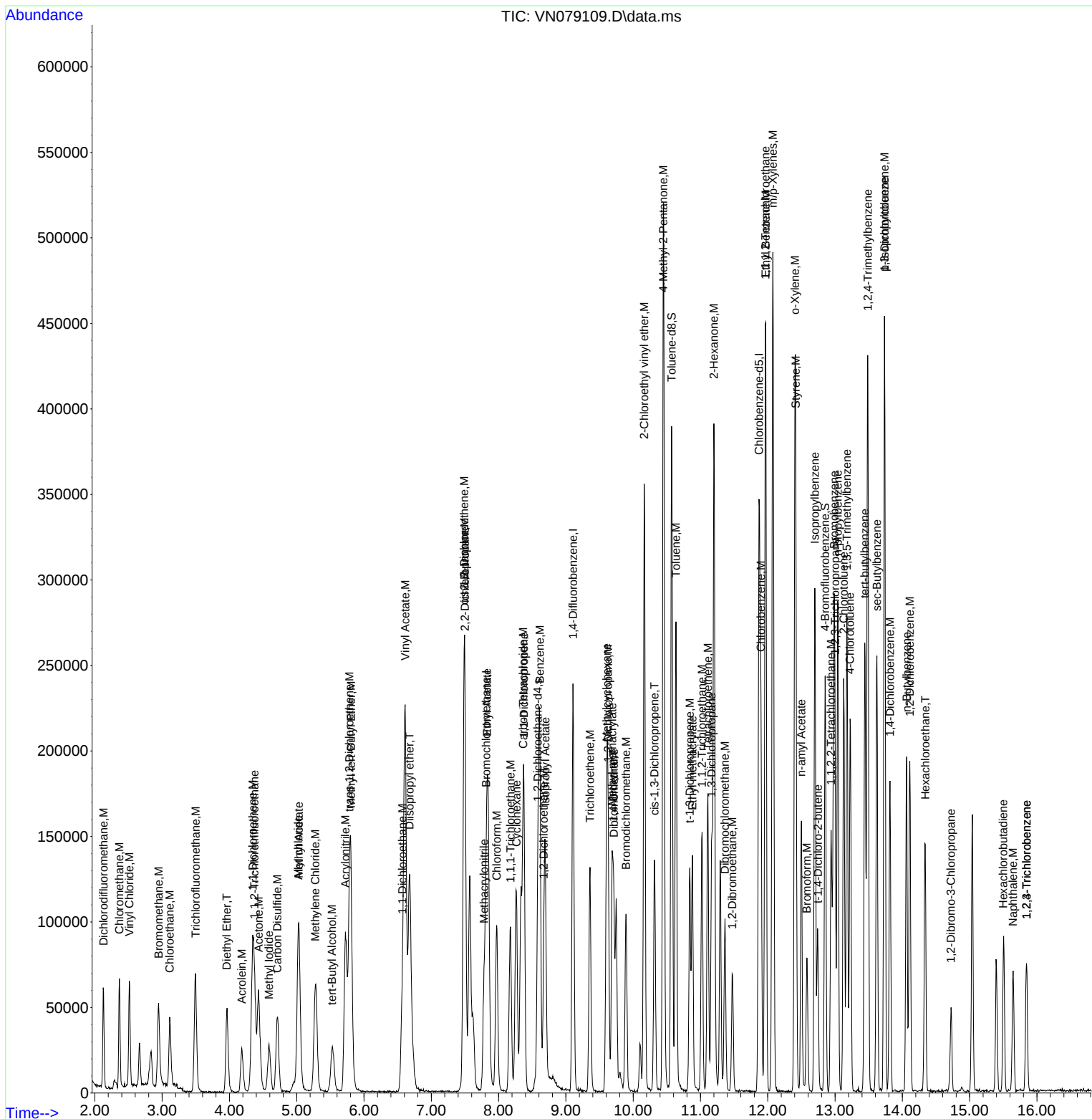
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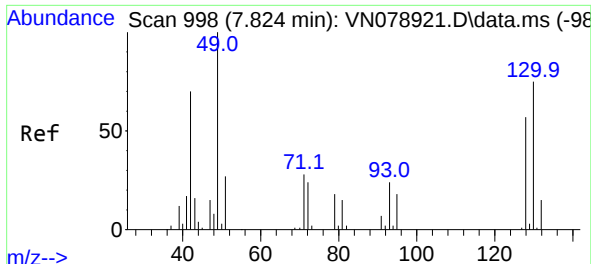
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.830	43	7873	2.392	ug/l	98
44) Isopropyl Acetate	8.694	43	118024	20.350	ug/l	97
45) 1,4-Dioxane	9.706	88	20239	463.720	ug/l #	89
46) Methyl methacrylate	9.688	41	53250	20.839	ug/l	93
47) n-amyl Acetate	12.500	43	86486	19.432	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	69075	20.565	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	77040	21.390	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	47458	22.394	ug/l	99
51) Ethyl methacrylate	10.882	69	65799	20.061	ug/l	95
52) 1,3-Dichloropropane	11.165	76	84115	22.160	ug/l	98
53) Dibromochloromethane	11.365	129	50135	21.615	ug/l	96
54) 1,2-Dibromoethane	11.471	107	45022	20.693	ug/l	88
55) 2-Chloroethyl vinyl ether	10.165	63	149770	98.788	ug/l	99
56) Bromoform	12.582	173	34640	21.168	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	363811	102.931	ug/l	99
59) 2-Hexanone	11.200	43	259229	100.101	ug/l	99
61) Tetrachloroethene	11.112	164	36559	21.195	ug/l	95
62) Toluene	10.635	91	203161	20.888	ug/l	99
64) Chlorobenzene	11.900	112	118582	20.278	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	46069	20.603	ug/l	98
66) Ethyl Benzene	11.970	91	200313	19.690	ug/l	100
67) m/p-Xylenes	12.076	106	156773	41.329	ug/l	100
68) o-Xylene	12.406	106	75660	20.229	ug/l	98
69) Styrene	12.418	104	123555	20.330	ug/l	98
70) Isopropylbenzene	12.700	105	184297	20.337	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	73906	21.755	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	85954	30.841	ug/l	56
73) Bromobenzene	12.988	156	47243	20.477	ug/l	98
74) n-propylbenzene	13.041	91	216165	21.047	ug/l	100
75) 2-Chlorotoluene	13.129	91	135436	20.787	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	152936	21.289	ug/l	97
77) t-1,4-Dichloro-2-butene	12.747	75	20002	19.313	ug/l	90
78) 4-Chlorotoluene	13.223	91	127210	20.379	ug/l	98
79) tert-butylbenzene	13.441	119	125435	20.663	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	150909	21.364	ug/l	99
81) sec-Butylbenzene	13.623	105	170354	21.264	ug/l	99
82) p-Isopropyltoluene	13.735	119	137566	21.031	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	78466	21.074	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	71145	19.462	ug/l	98
85) n-Butylbenzene	14.064	91	102706	19.964	ug/l	99
86) Hexachloroethane	14.341	117	29039	21.697	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	77397	20.296	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11928	19.562	ug/l	94
89) 1,2,4-Trichlorobenzene	15.847	180	24509	16.274	ug/l	93
90) Hexachlorobutadiene	15.500	225	15483	19.746	ug/l	98
91) Naphthalene	15.647	128	62364	14.357	ug/l #	84
92) 1,2,3-Trichlorobenzene	15.847	180	24509	16.274	ug/l	93

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

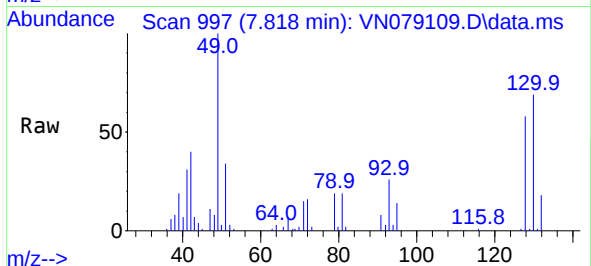
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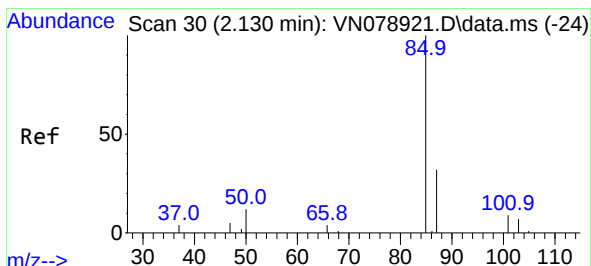
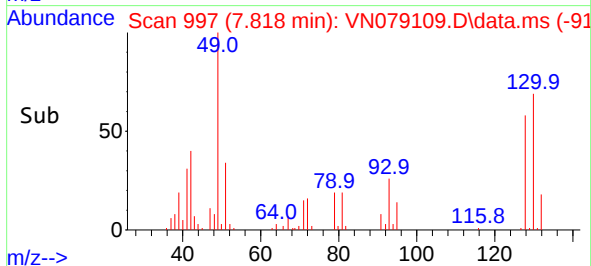
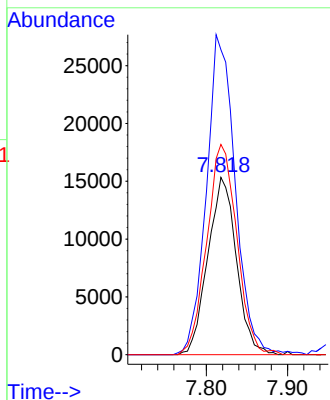


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

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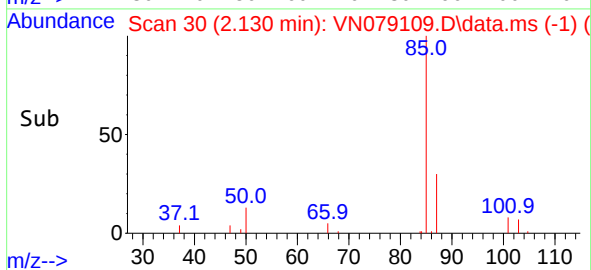
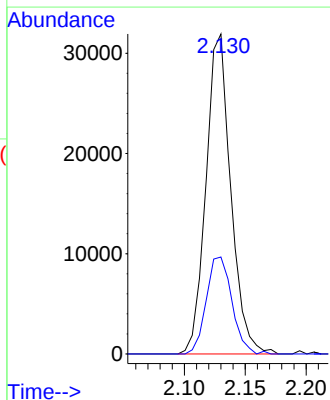
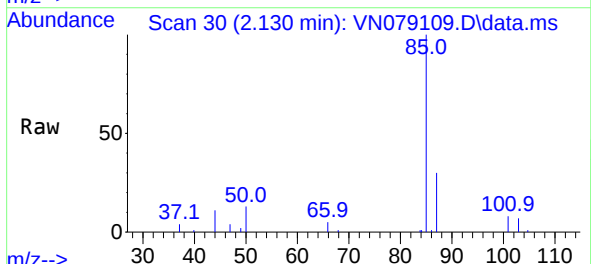


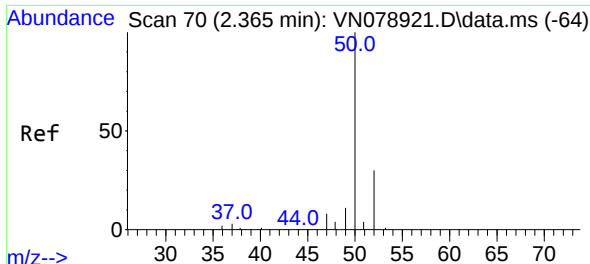
Tgt Ion:128 Resp: 37516
Ion Ratio Lower Upper
128 100
49 181.6 0.0 481.8
130 124.2 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 19.137 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 85 Resp: 45303
Ion Ratio Lower Upper
85 100
87 30.3 15.9 47.7

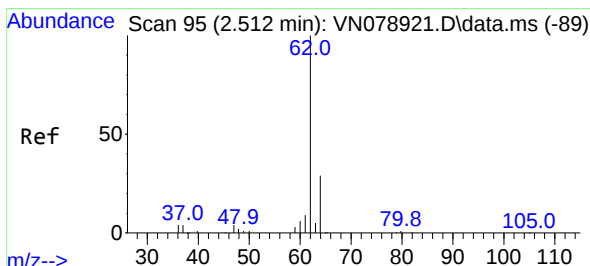
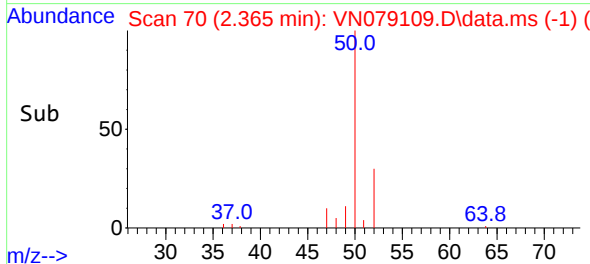
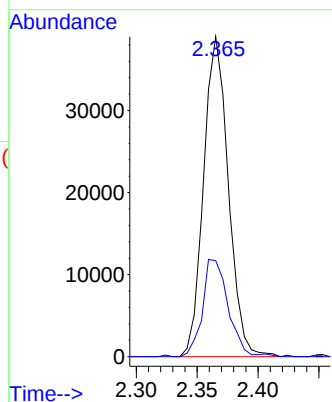
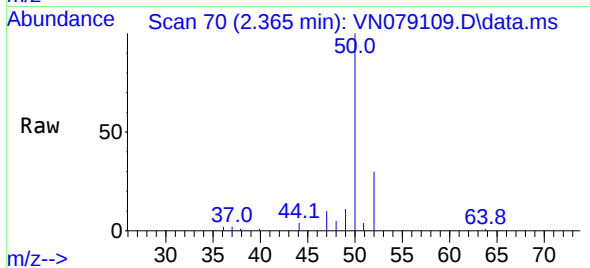




#3
Chloromethane
Concen: 19.484 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

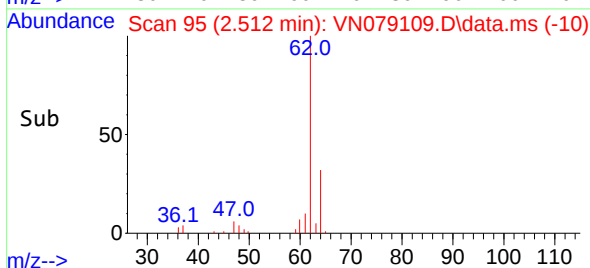
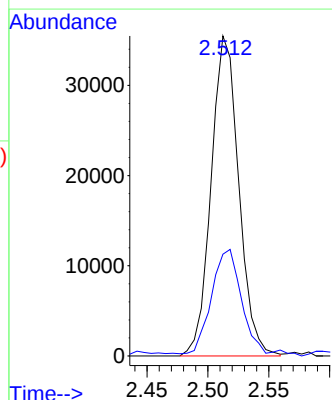
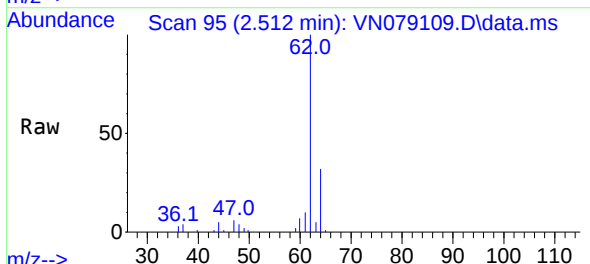
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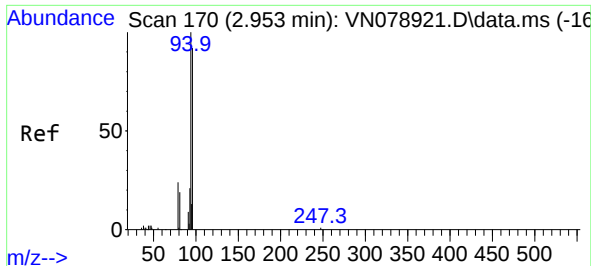
Tgt Ion: 50 Resp: 55277
Ion Ratio Lower Upper
50 100
52 30.0 24.2 36.4



#4
Vinyl Chloride
Concen: 19.941 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 62 Resp: 55993
Ion Ratio Lower Upper
62 100
64 31.1 23.8 35.8

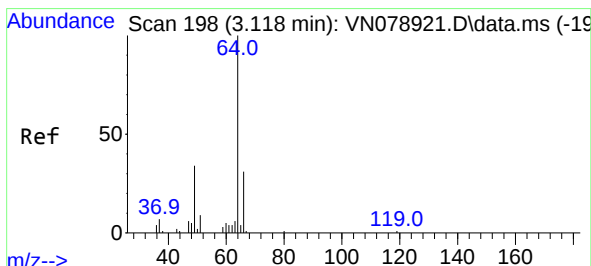
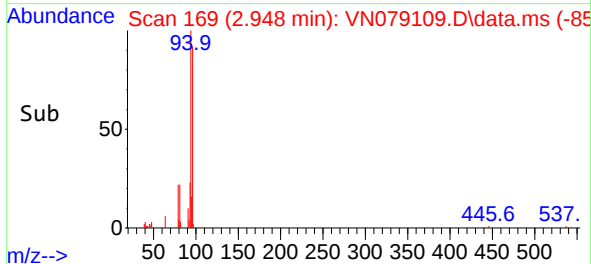
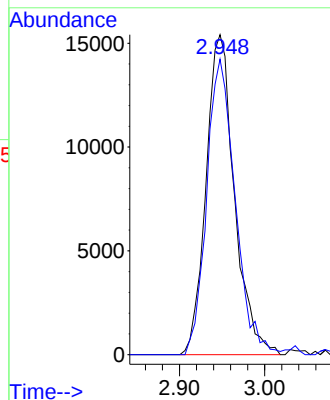
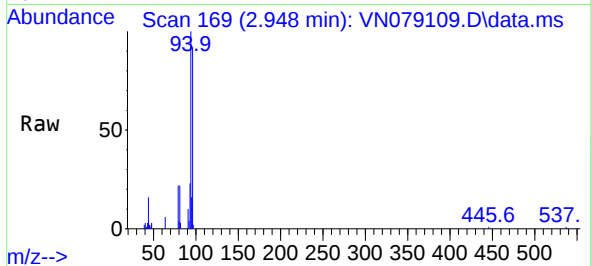




#5
Bromomethane
Concen: 20.559 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

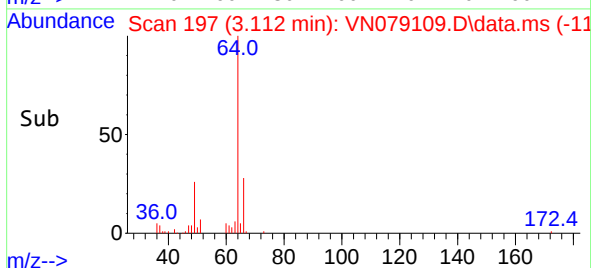
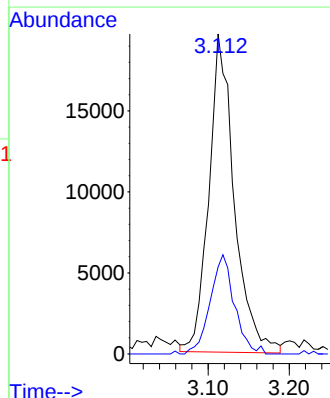
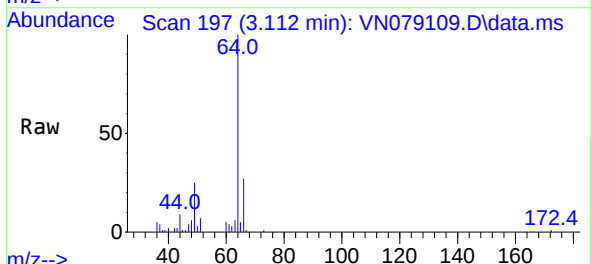
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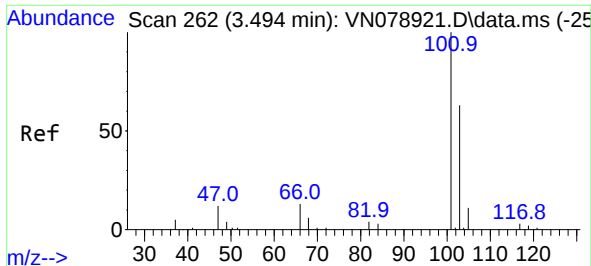
Tgt Ion: 94 Resp: 35635
Ion Ratio Lower Upper
94 100
96 92.4 73.6 110.4



#6
Chloroethane
Concen: 23.425 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 64 Resp: 42744
Ion Ratio Lower Upper
64 100
66 27.9 24.9 37.3

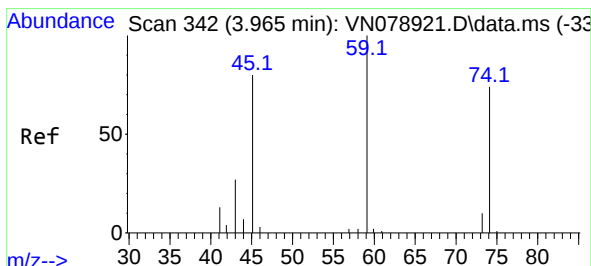
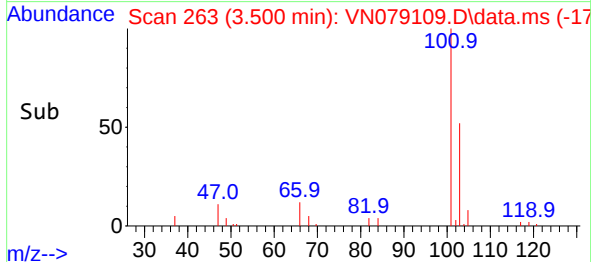
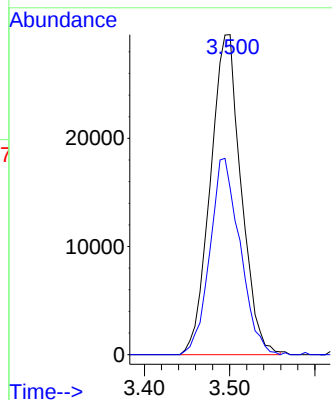
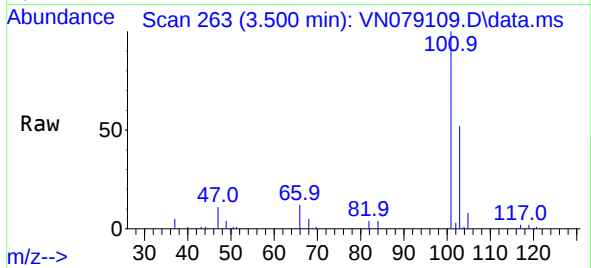




#7
Trichlorofluoromethane
Concen: 19.622 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

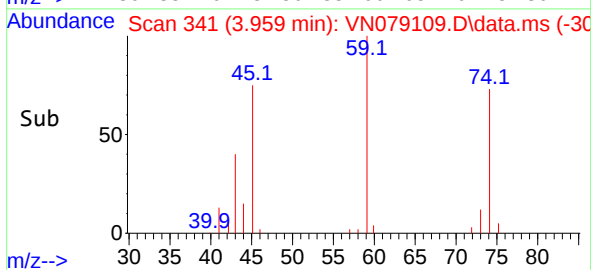
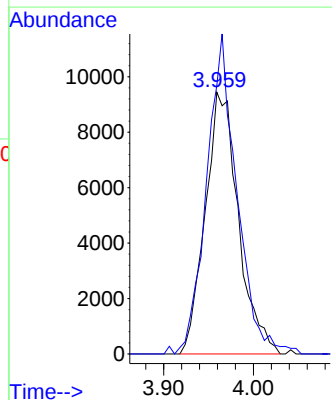
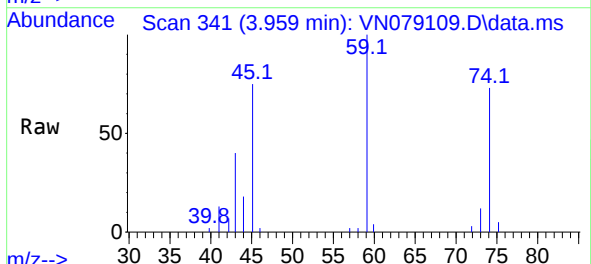
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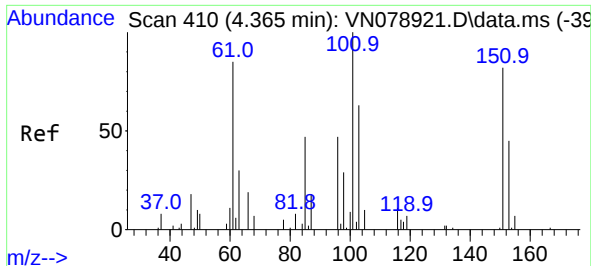
Tgt Ion:101 Resp: 74208
Ion Ratio Lower Upper
101 100
103 52.1 50.9 76.3



#8
Diethyl Ether
Concen: 17.069 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 74 Resp: 24279
Ion Ratio Lower Upper
74 100
45 110.5 21.3 191.9

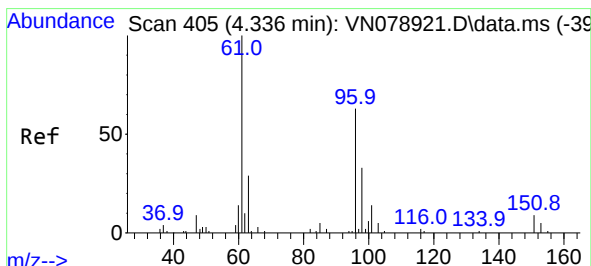
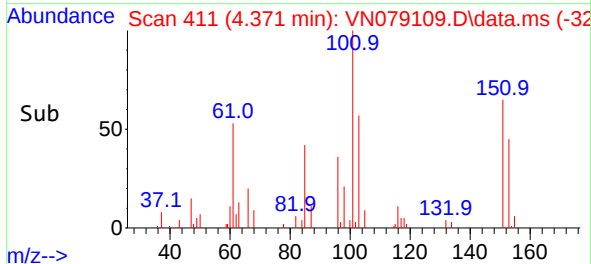
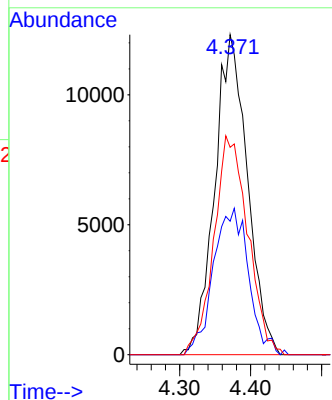
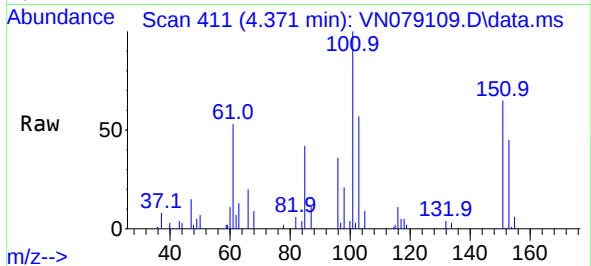




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.938 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079109.D
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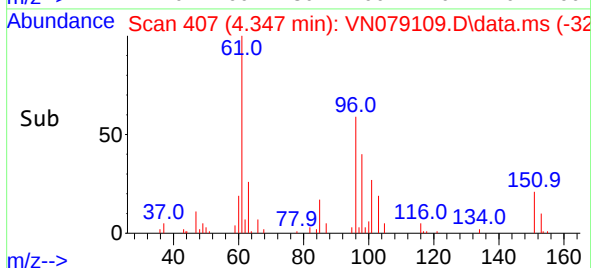
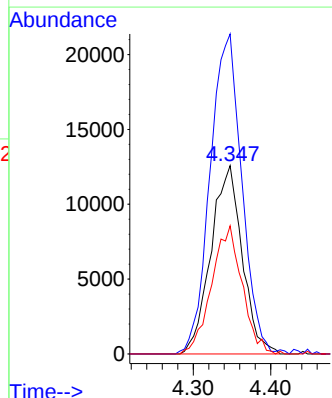
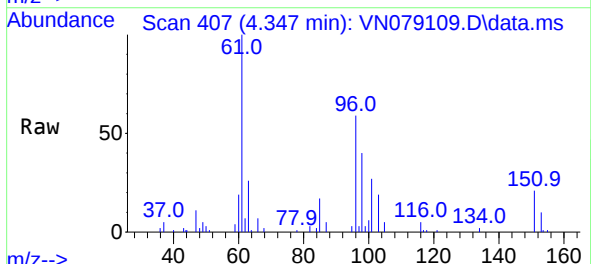
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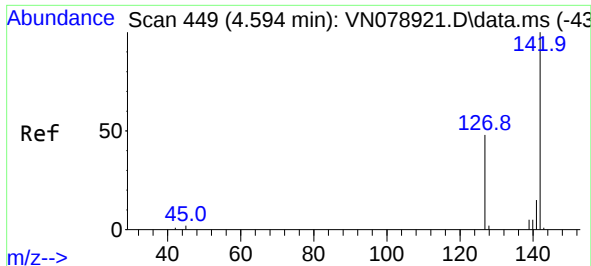
Tgt Ion:101 Resp: 39381
Ion Ratio Lower Upper
101 100
85 41.3 0.0 65.4
151 70.9 0.0 156.8



#10
1,1-Dichloroethene
Concen: 17.797 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 96 Resp: 35366
Ion Ratio Lower Upper
96 100
61 168.4 126.2 189.4
98 68.1 41.7 62.5#

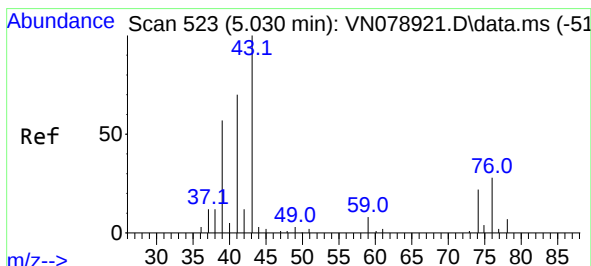
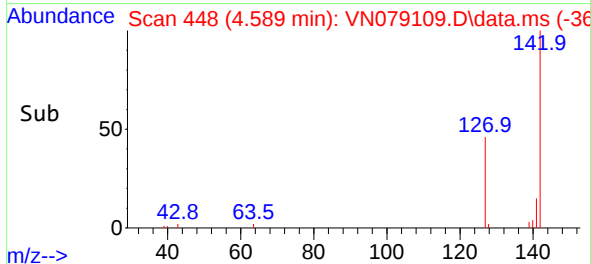
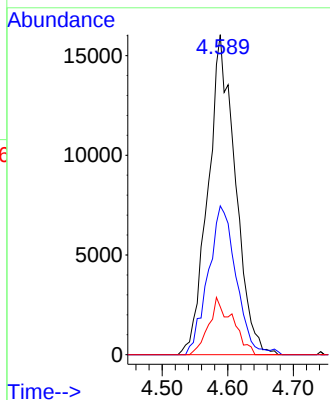
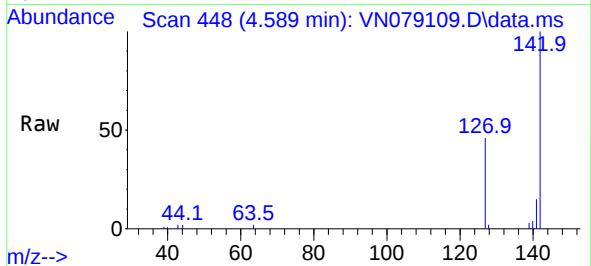




#11
Methyl Iodide
Concen: 19.399 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

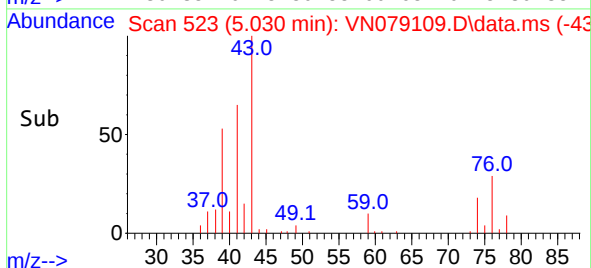
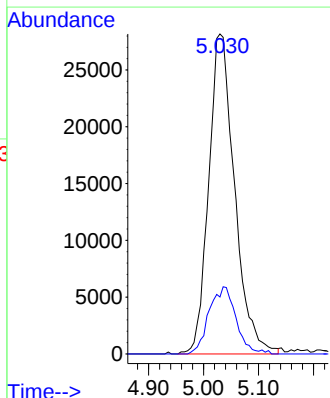
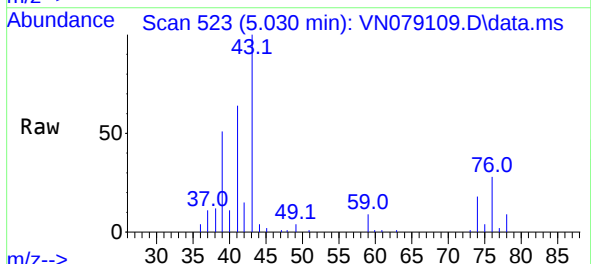
Instrument :
MSVOA_N
ClientSampleId :

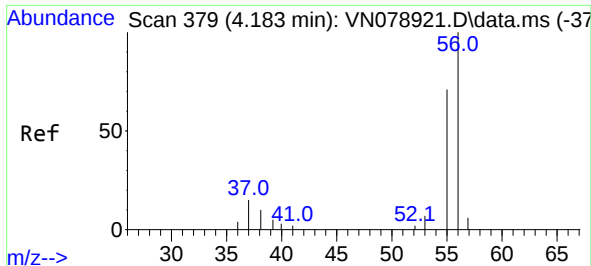
Tgt Ion:142 Resp: 46519
Ion Ratio Lower Upper
142 100
127 46.0 24.3 72.9
141 15.0 7.3 22.0



#12
Methyl Acetate
Concen: 19.837 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 43 Resp: 92399
Ion Ratio Lower Upper
43 100
74 18.0 17.5 26.3

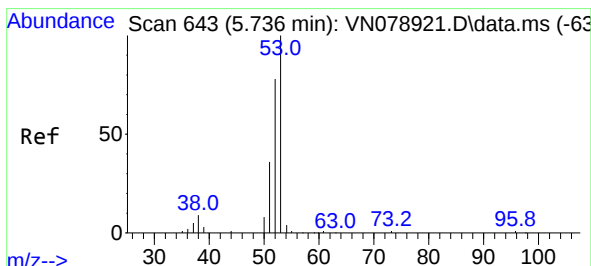
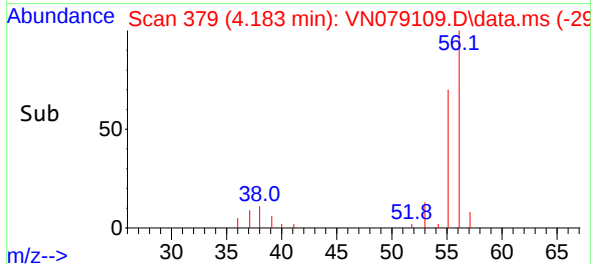
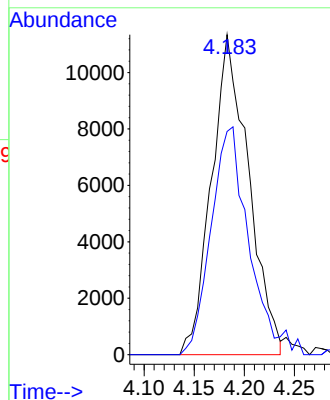
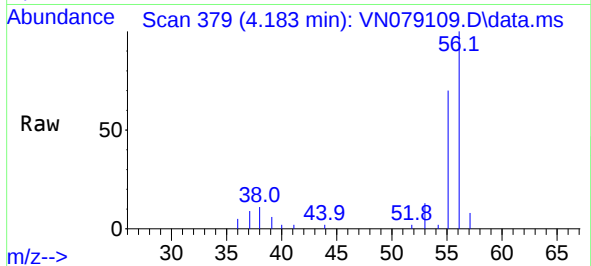




#13
Acrolein
Concen: 89.826 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

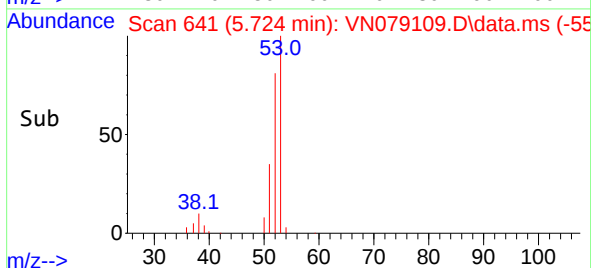
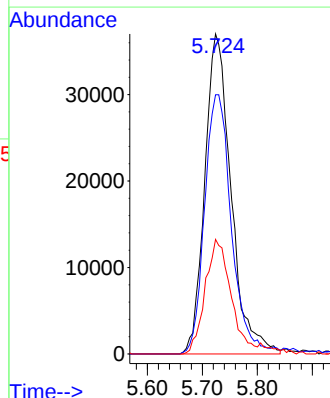
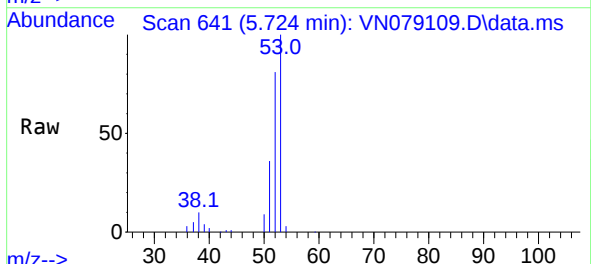
Instrument :
MSVOA_N
ClientSampleId :

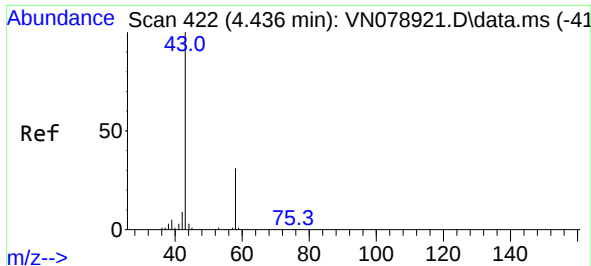
Tgt Ion: 56 Resp: 29162
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7



#14
Acrylonitrile
Concen: 100.297 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 53 Resp: 122804
Ion Ratio Lower Upper
53 100
52 82.4 41.9 125.6
51 35.1 10.1 30.1#





#15

Acetone

Concen: 85.797 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Instrument :

MSVOA_N

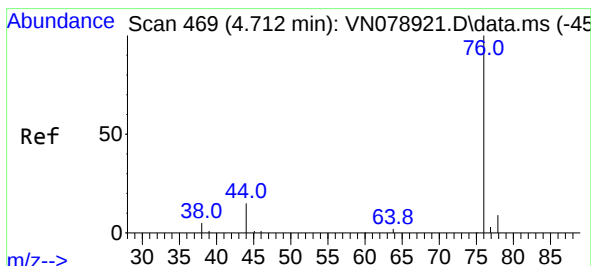
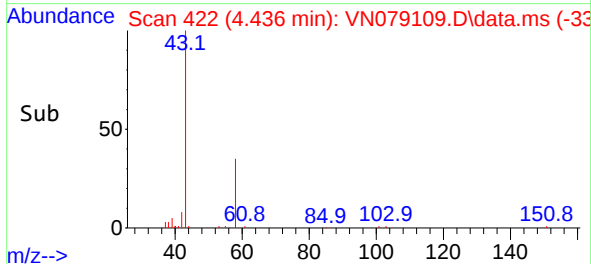
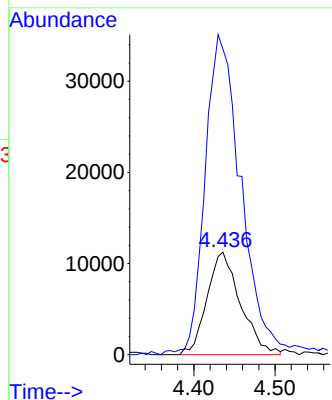
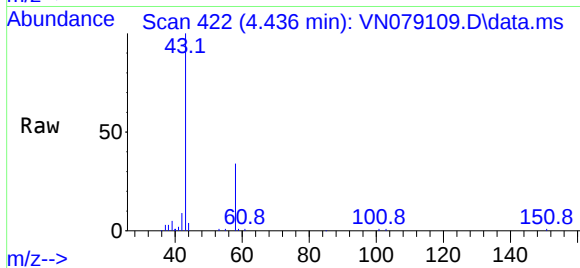
ClientSampleId :

Tgt Ion: 58 Resp: 32225

Ion Ratio Lower Upper

58 100

43 293.0 260.6 390.8



#16

Carbon Disulfide

Concen: 16.878 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079109.D

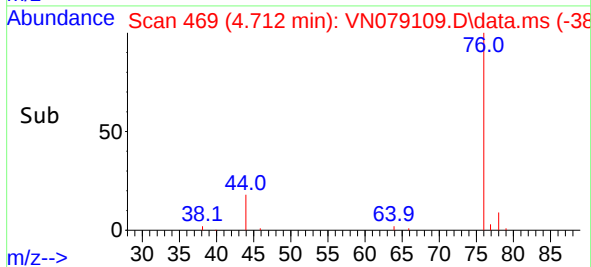
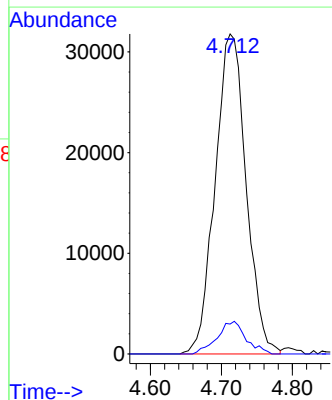
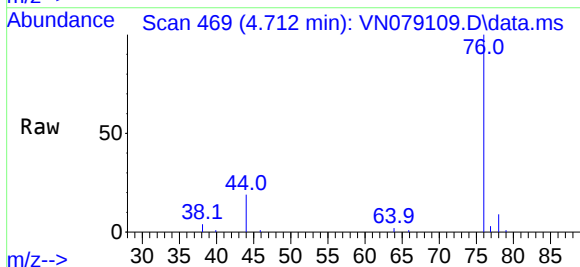
Acq: 30 Aug 2023 11:27

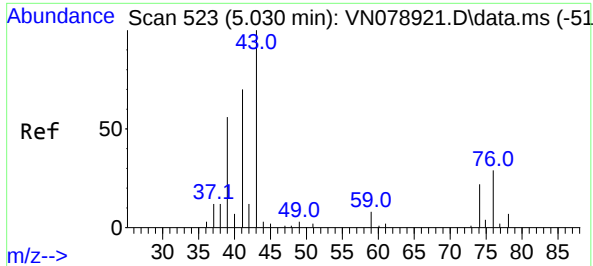
Tgt Ion: 76 Resp: 96368

Ion Ratio Lower Upper

76 100

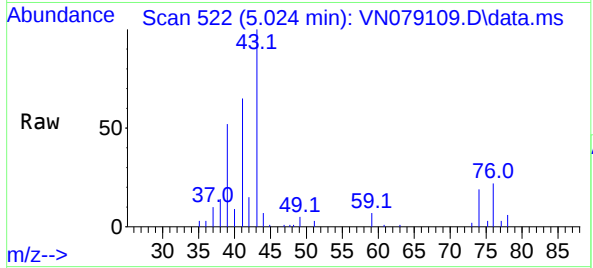
78 9.4 7.0 10.6





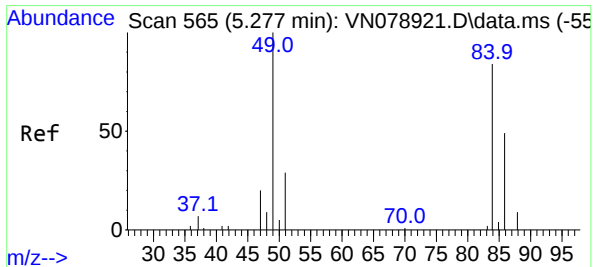
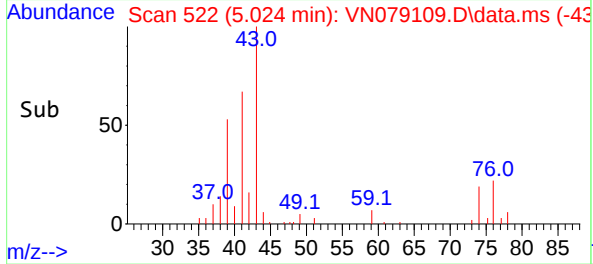
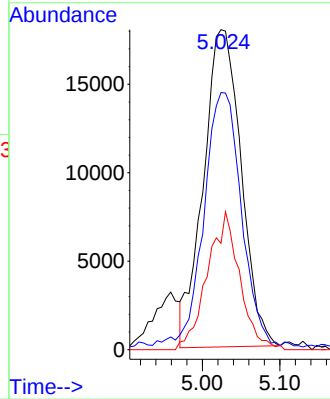
#17
 Allyl chloride
 Concen: 16.698 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 41 Resp: 60819

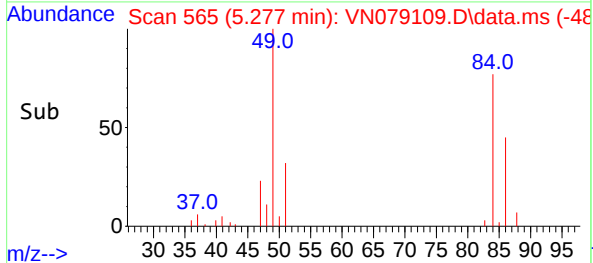
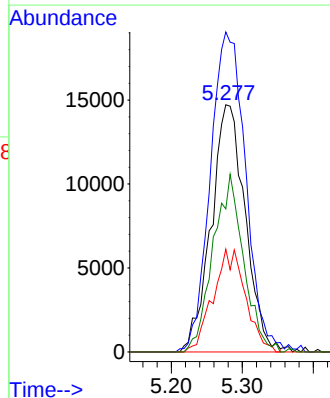
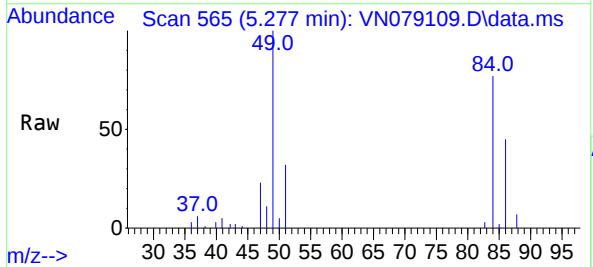
Ion	Ratio	Lower	Upper
41	100		
39	80.1	36.9	110.7
76	32.3	17.3	51.9

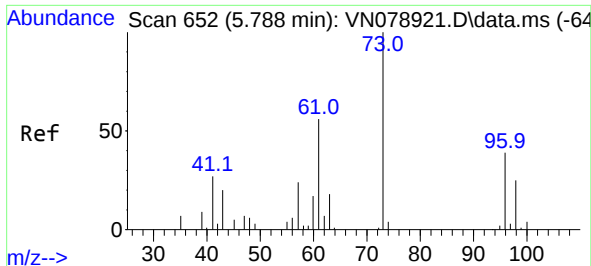


#18
 Methylene Chloride
 Concen: 20.598 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

Tgt Ion: 84 Resp: 48933

Ion	Ratio	Lower	Upper
84	100		
49	128.1	95.8	143.6
51	41.6	28.6	43.0
86	57.8	46.8	70.2





#19

trans-1,2-Dichloroethene

Concen: 18.255 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

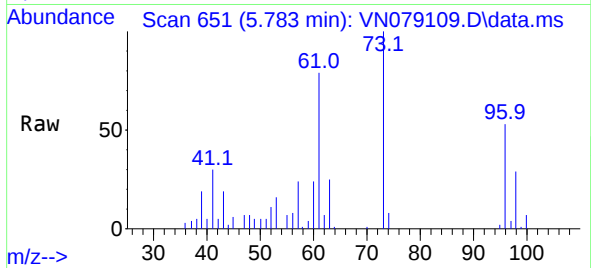
Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :



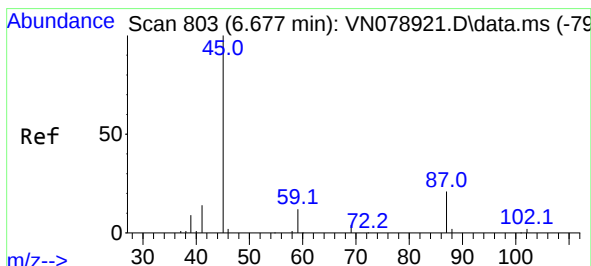
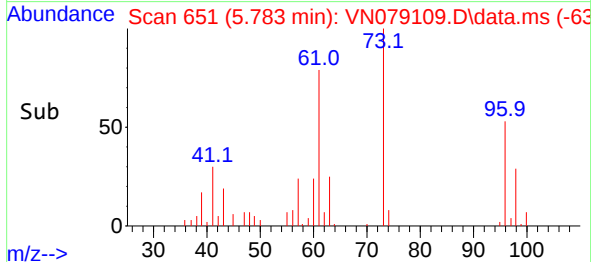
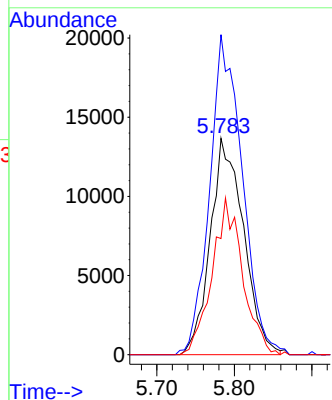
Tgt Ion: 96 Resp: 40828

Ion Ratio Lower Upper

96 100

61 145.9 114.0 171.0

98 53.7 50.6 76.0



#20

Diisopropyl ether

Concen: 19.401 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.000 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Tgt Ion: 45 Resp: 153714

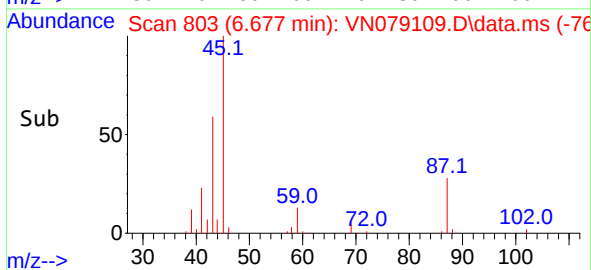
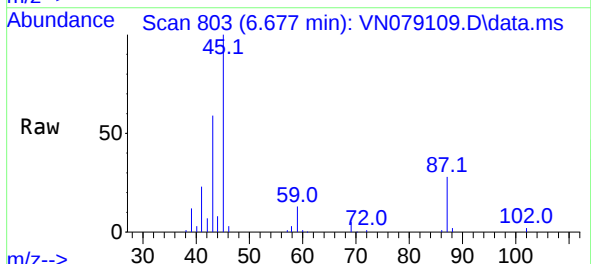
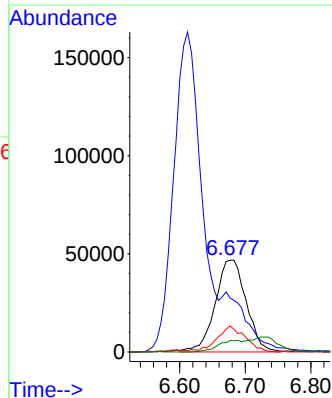
Ion Ratio Lower Upper

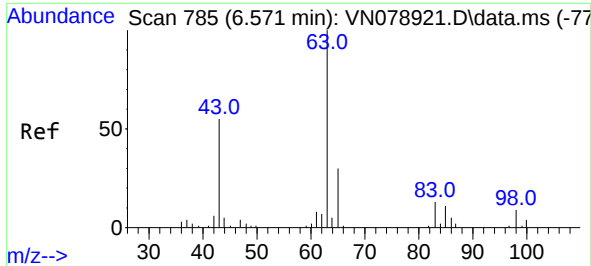
45 100

43 54.7 37.4 56.2

87 28.7 17.3 25.9#

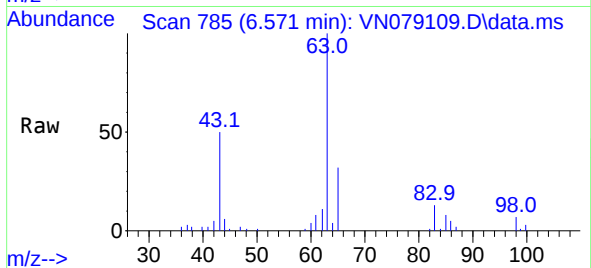
59 12.6 9.4 14.2



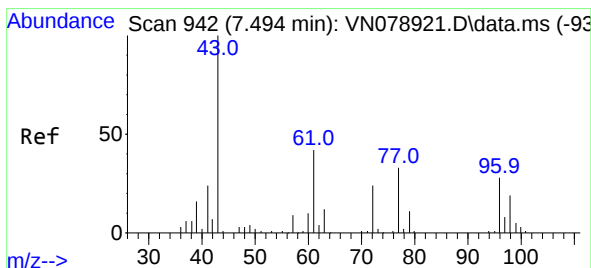
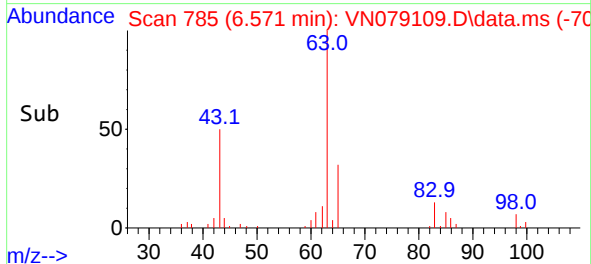
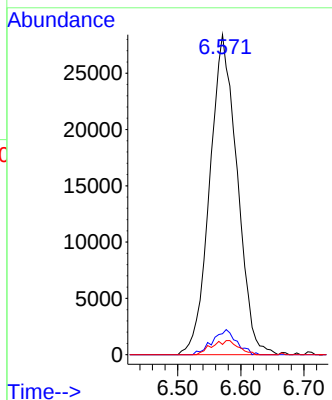


#21
1,1-Dichloroethane
Concen: 19.496 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

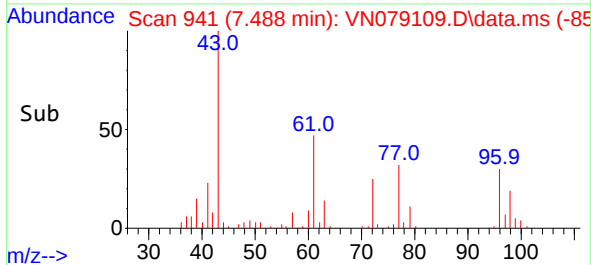
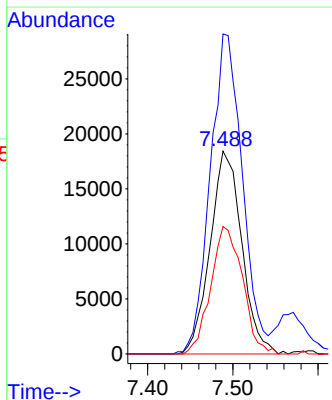
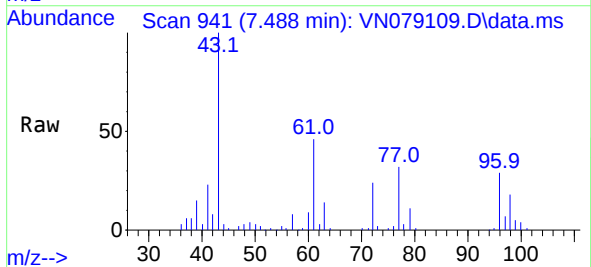


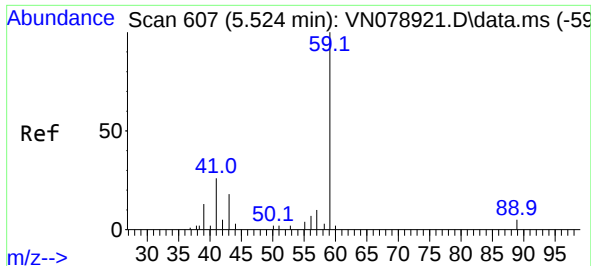
Tgt Ion: 63 Resp: 85711
Ion Ratio Lower Upper
63 100
98 6.6 4.4 13.2
100 3.2 2.1 6.5



#22
cis-1,2-Dichloroethene
Concen: 18.587 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 96 Resp: 47578
Ion Ratio Lower Upper
96 100
61 160.2 121.8 182.6
98 63.0 50.7 76.1

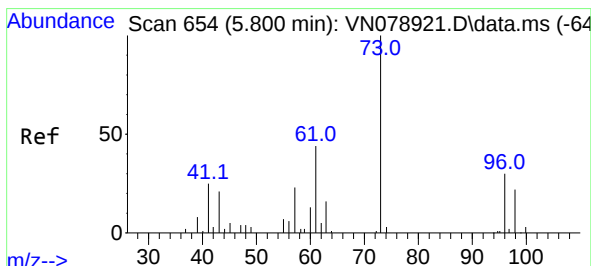
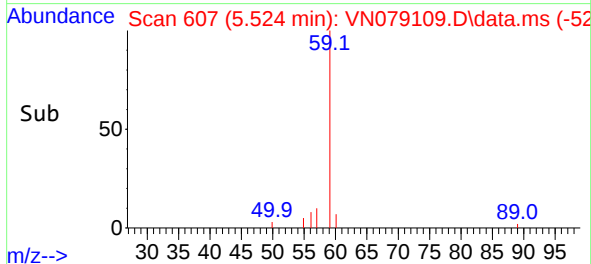
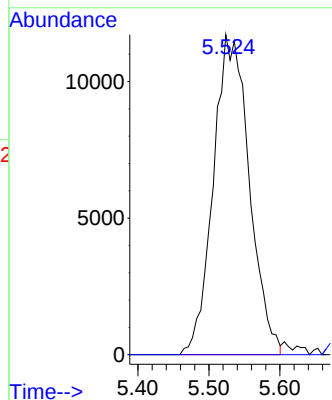
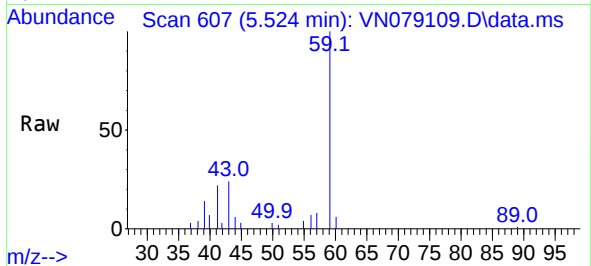




#23
tert-Butyl Alcohol
Concen: 90.287 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

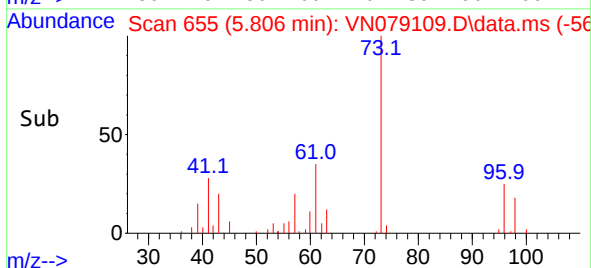
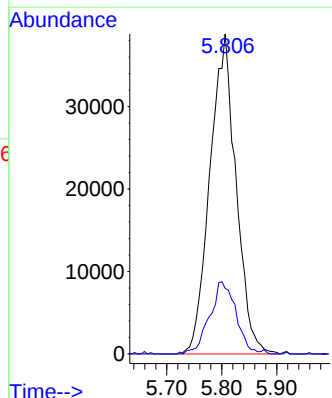
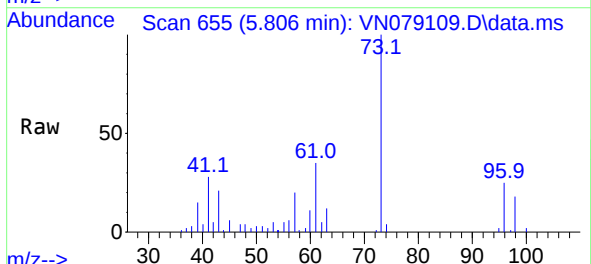
Instrument :
MSVOA_N
ClientSampleId :

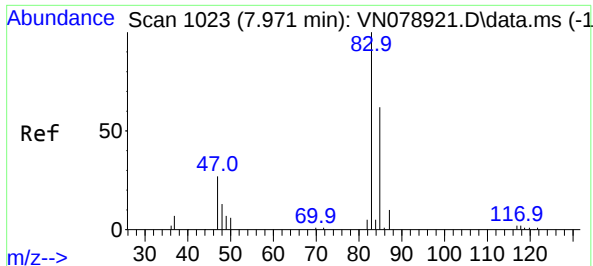
Tgt Ion: 59 Resp: 41236
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.167 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 73 Resp: 128145
Ion Ratio Lower Upper
73 100
43 22.6 17.3 25.9

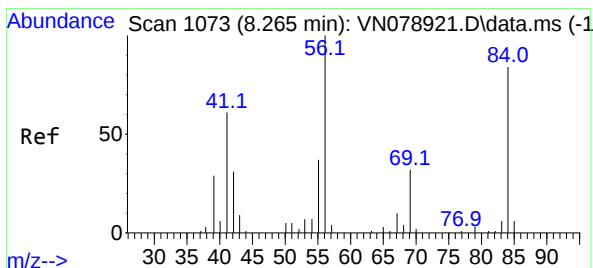
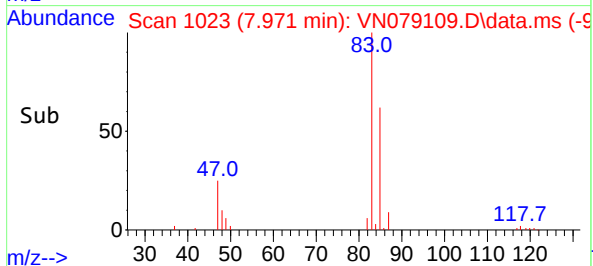
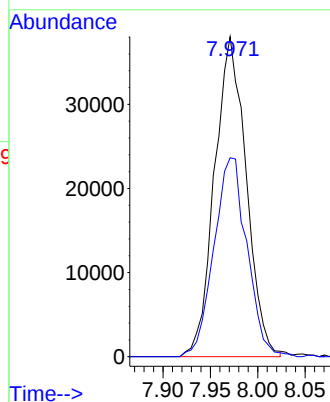
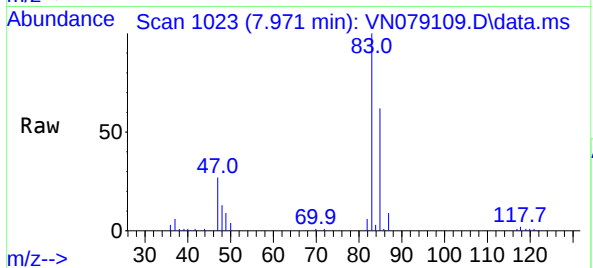




#25
Chloroform
Concen: 19.984 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

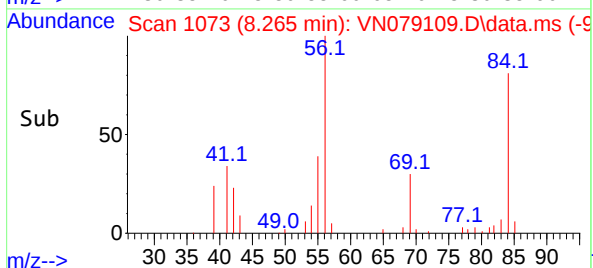
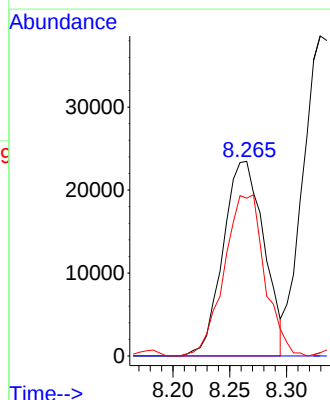
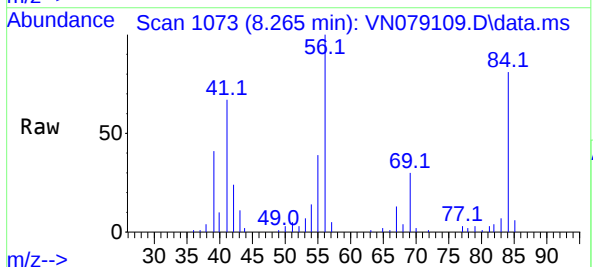
Instrument :
MSVOA_N
ClientSampleId :

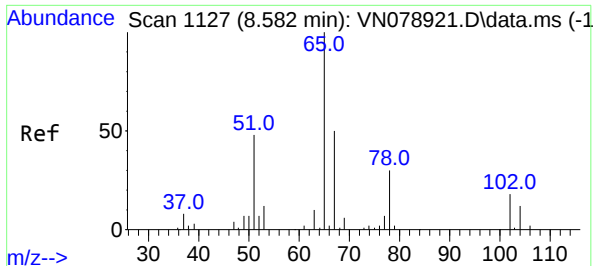
Tgt Ion: 83 Resp: 88506
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4



#26
Cyclohexane
Concen: 18.274 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 56 Resp: 58768
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.7 70.1 105.1

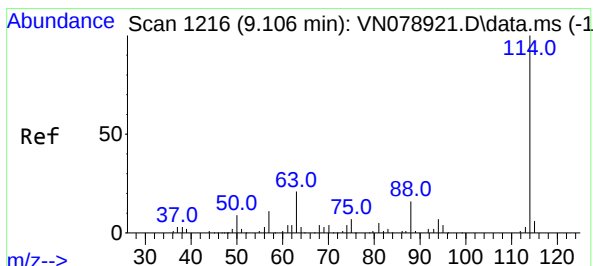
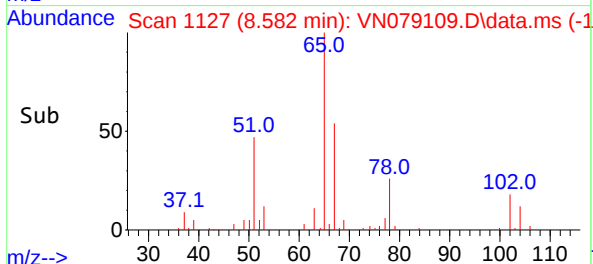
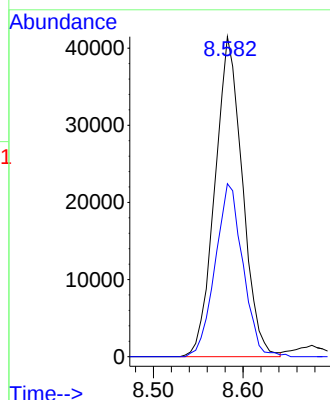
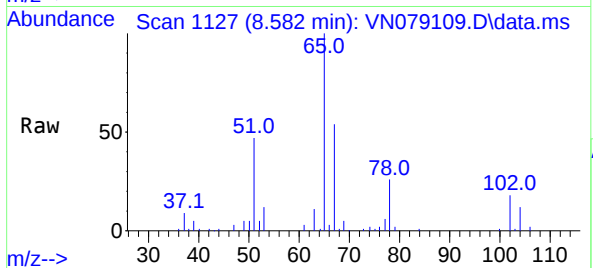




#27
1,2-Dichloroethane-d4
Concen: 29.069 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

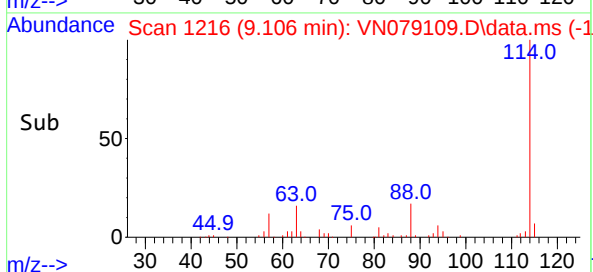
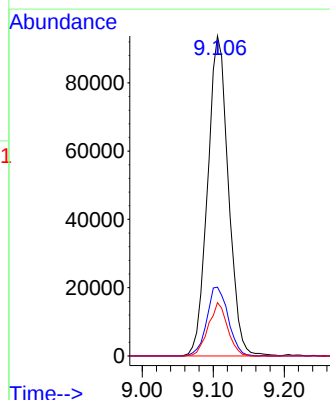
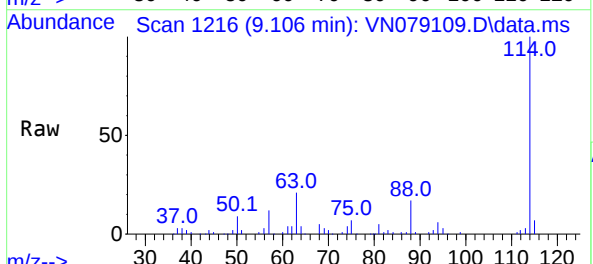
Instrument :
MSVOA_N
ClientSampleId :

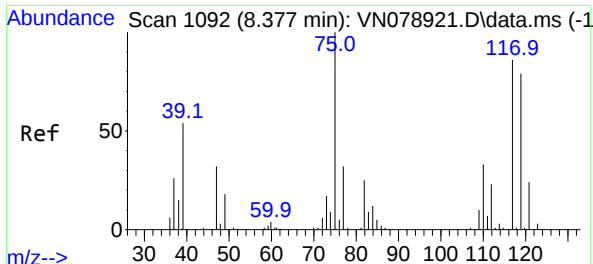
Tgt Ion: 65 Resp: 88350
Ion Ratio Lower Upper
65 100
67 54.0 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 114 Resp: 190522
Ion Ratio Lower Upper
114 100
63 22.1 17.4 26.2
88 15.4 12.0 18.0

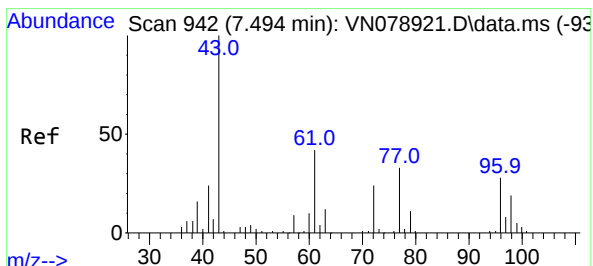
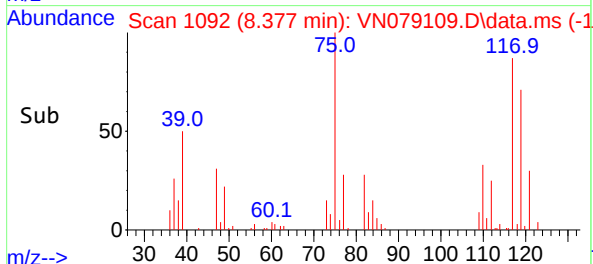
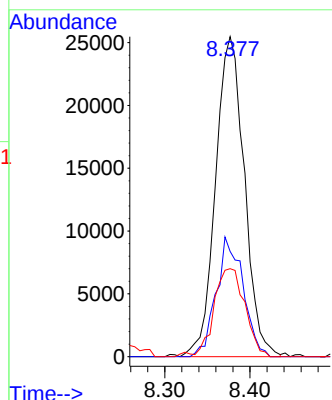
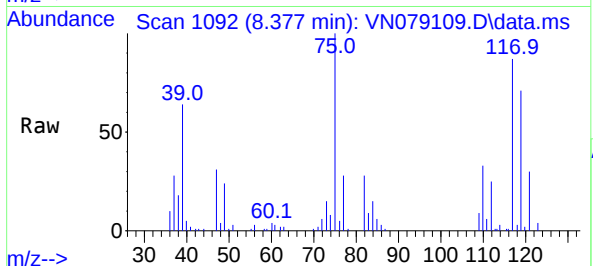




#29
1,1-Dichloropropene
Concen: 20.657 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

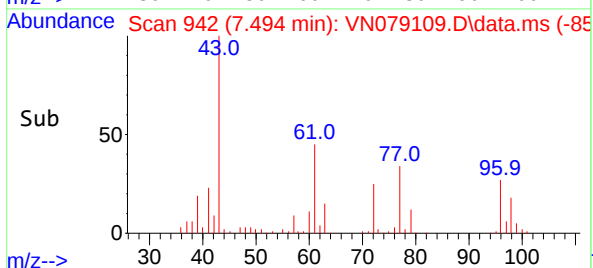
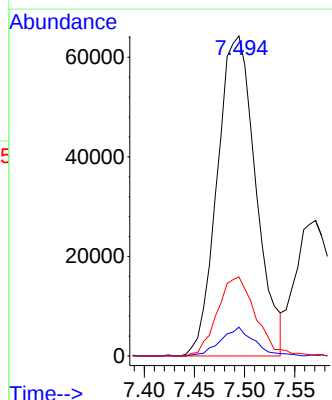
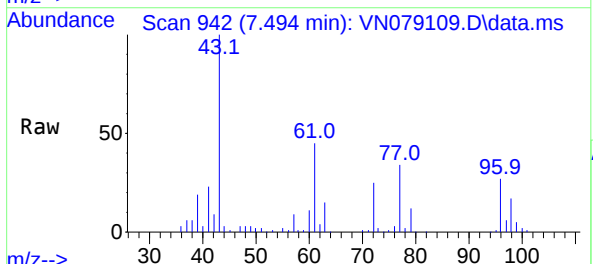
Instrument :
MSVOA_N
ClientSampleId :

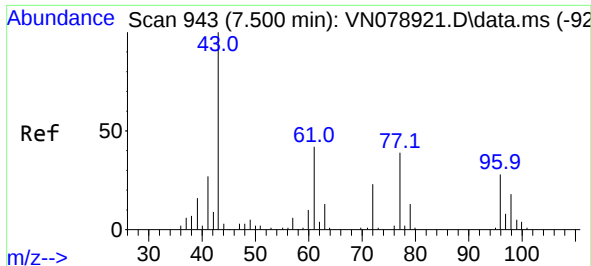
Tgt Ion:	75	Resp:	59869
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	65.8
77	29.2	0.0	60.4



#30
2-Butanone
Concen: 101.565 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:	43	Resp:	172322
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.4
72	23.9	19.4	29.2





#31

2,2-Dichloropropane

Concen: 19.742 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Instrument :

MSVOA_N

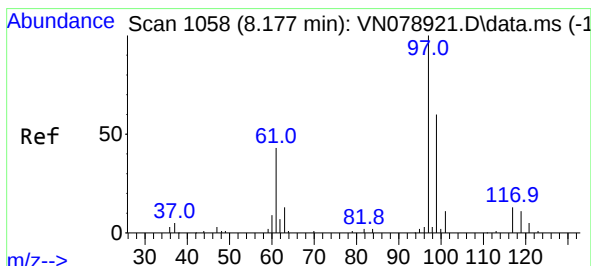
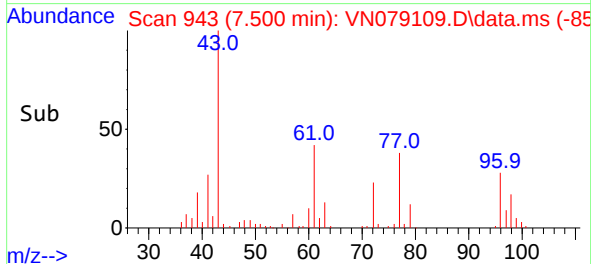
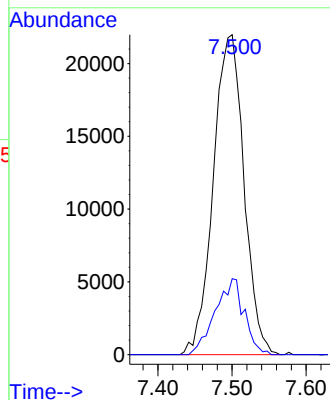
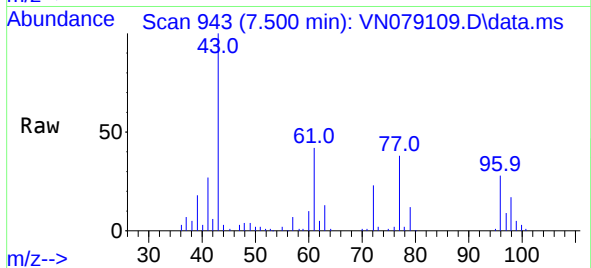
ClientSampleId :

Tgt Ion: 77 Resp: 63236

Ion Ratio Lower Upper

77 100

97 22.4 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 21.455 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

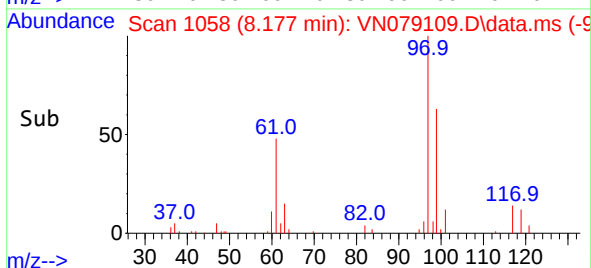
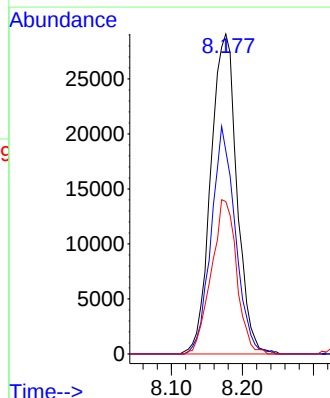
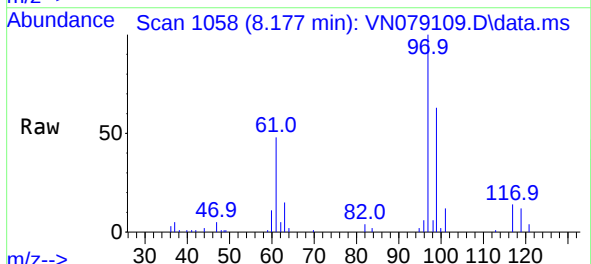
Tgt Ion: 97 Resp: 74239

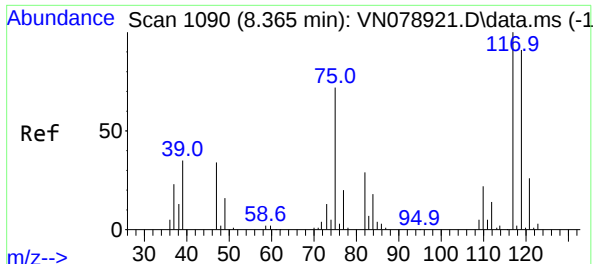
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

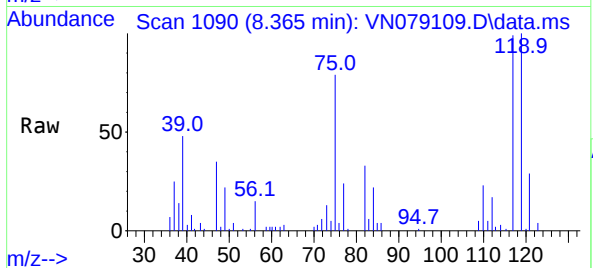
61 46.5 37.0 55.6



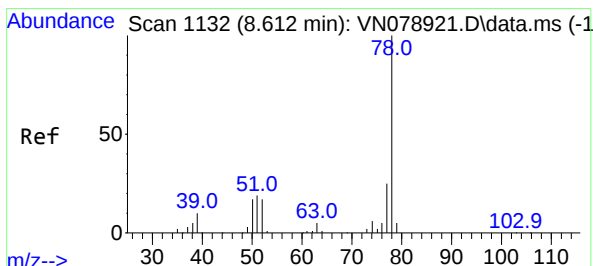
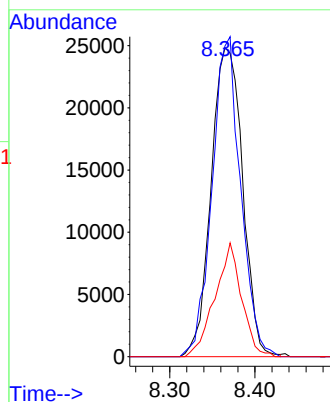
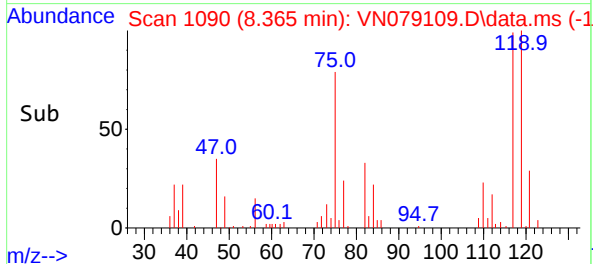


#33
Carbon Tetrachloride
Concen: 21.258 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

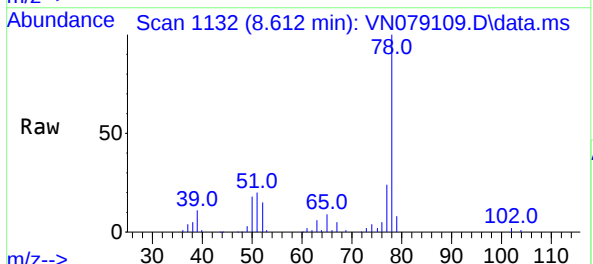
Instrument :
MSVOA_N
ClientSampleId :



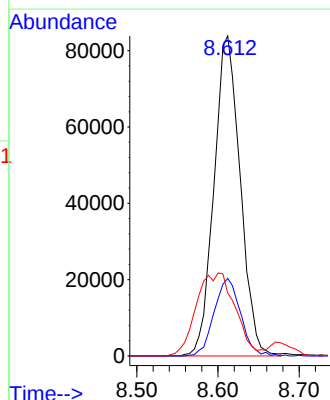
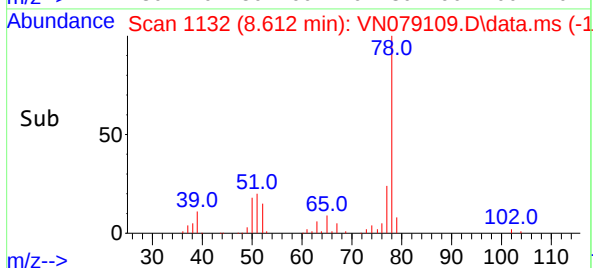
Tgt Ion:117 Resp: 63716
Ion Ratio Lower Upper
117 100
119 100.6 72.6 108.8
121 29.3 20.7 31.1

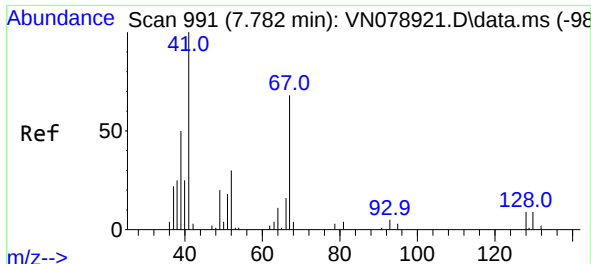


#34
Benzene
Concen: 21.676 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27



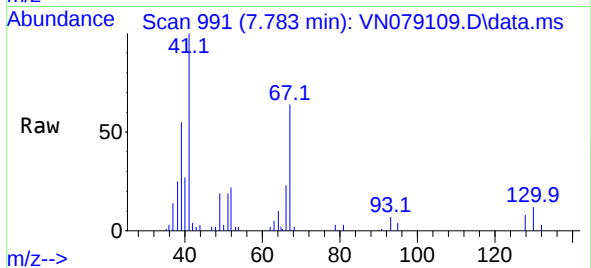
Tgt Ion: 78 Resp: 188259
Ion Ratio Lower Upper
78 100
77 24.3 19.9 29.9
51 17.4 14.8 22.2





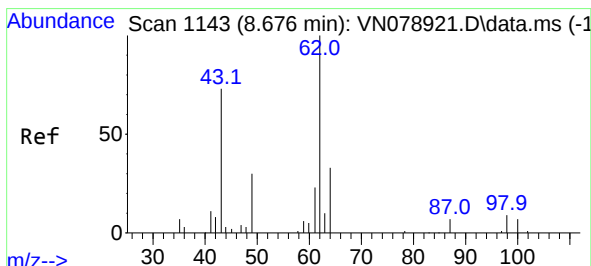
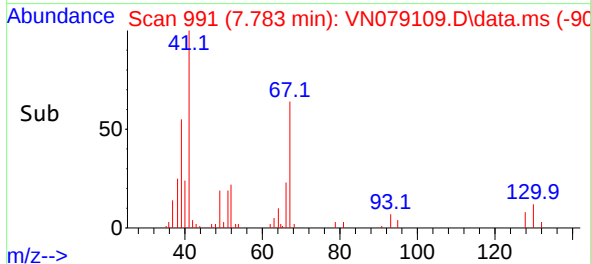
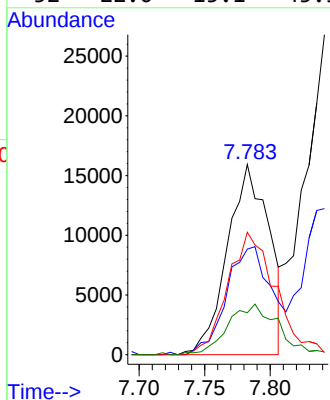
#35
Methacrylonitrile
Concen: 19.430 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 35137

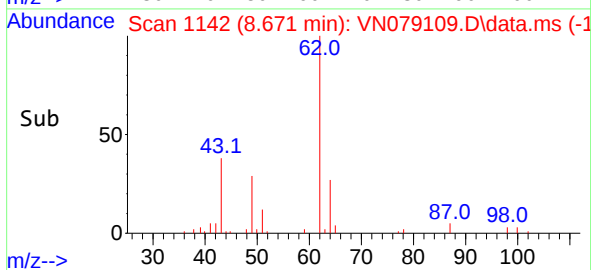
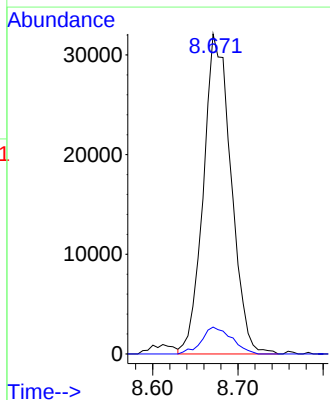
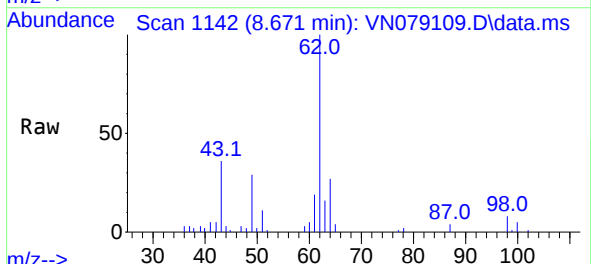
Ion	Ratio	Lower	Upper
41	100		
39	55.5	25.0	75.0
67	64.4	34.0	102.0
52	22.0	15.1	45.3

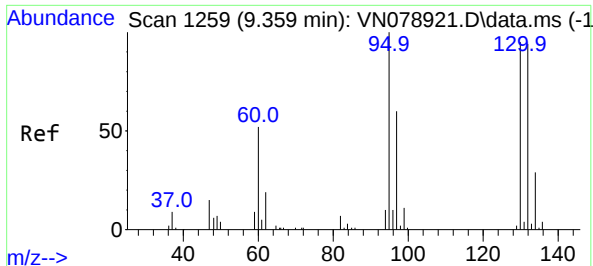


#36
1,2-Dichloroethane
Concen: 22.239 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 62 Resp: 72331

Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.1	12.1

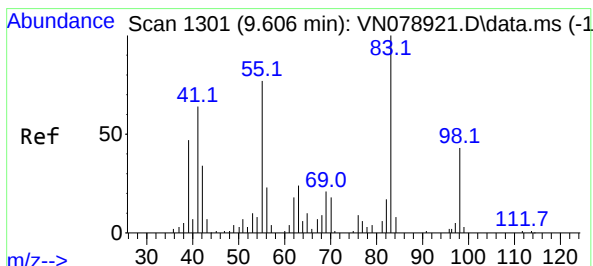
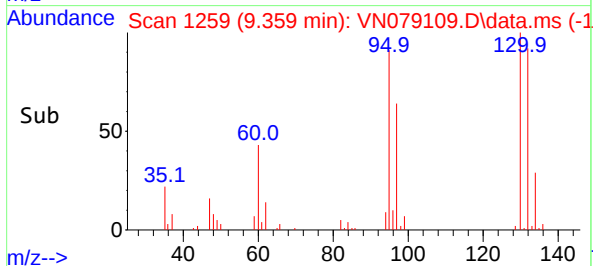
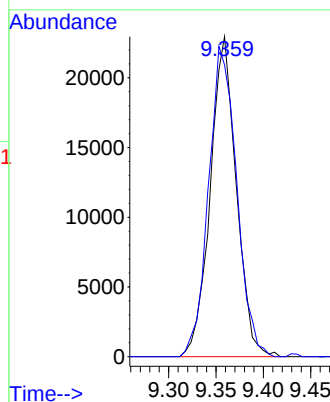
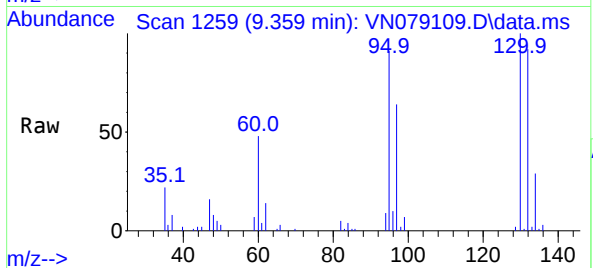




#37
Trichloroethene
Concen: 20.286 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

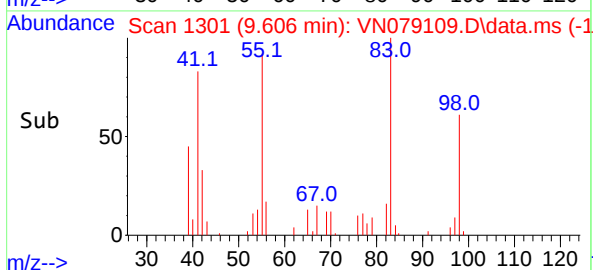
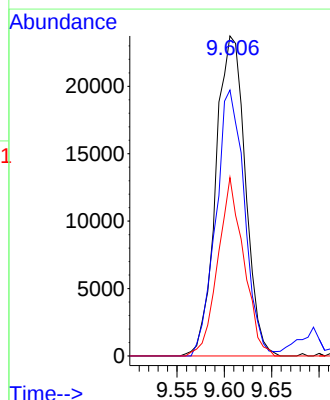
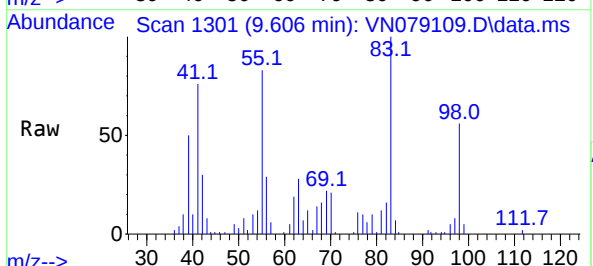
Instrument :
MSVOA_N
ClientSampleId :

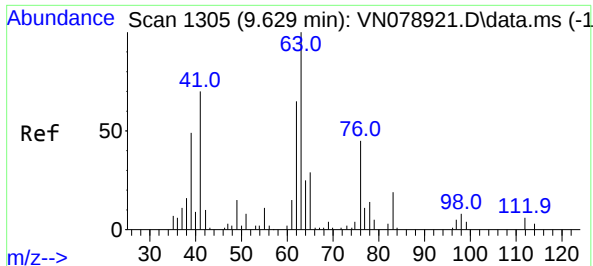
Tgt Ion:130 Resp: 43858
Ion Ratio Lower Upper
130 100
95 91.2 84.6 127.0



#38
Methylcyclohexane
Concen: 20.098 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 83 Resp: 51283
Ion Ratio Lower Upper
83 100
55 80.9 40.2 120.6
98 49.3 24.1 72.3

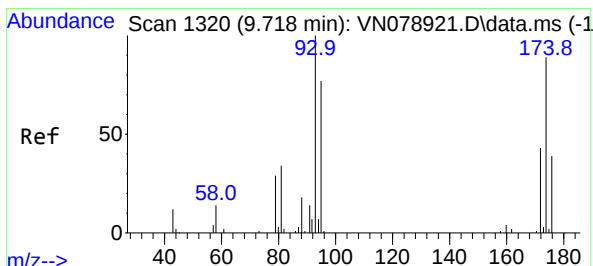
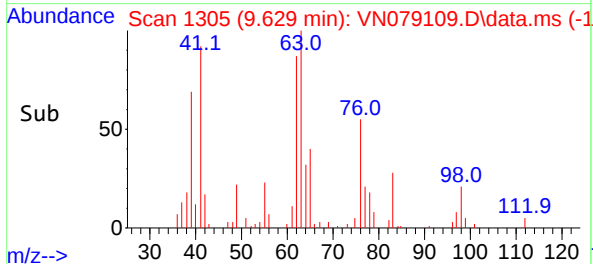
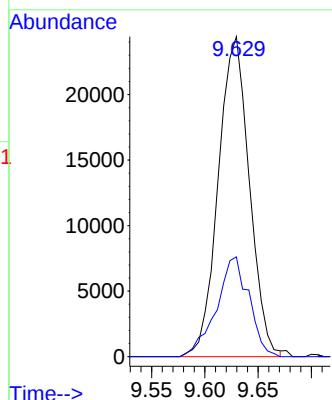
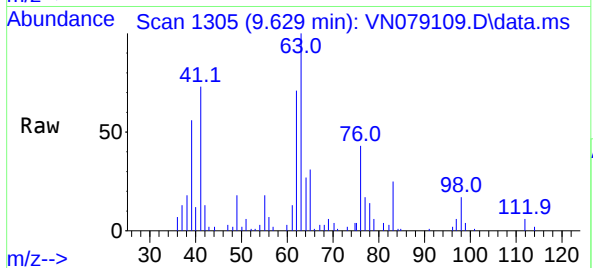




#39
1,2-Dichloropropane
Concen: 21.162 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

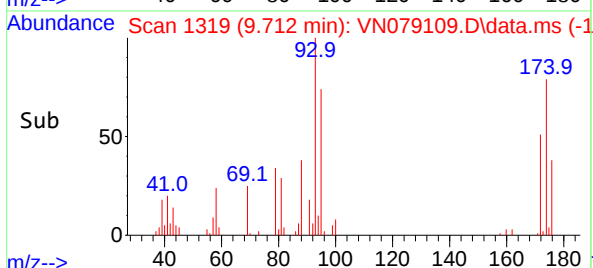
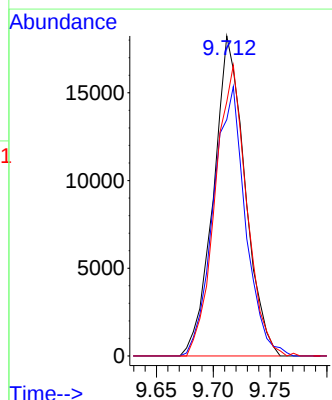
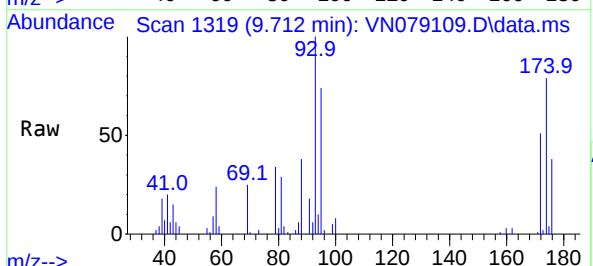
Instrument :
MSVOA_N
ClientSampleId :

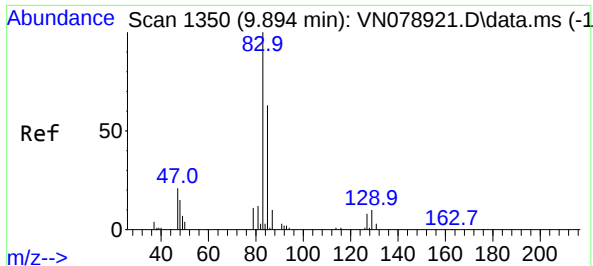
Tgt Ion: 63 Resp: 49509
Ion Ratio Lower Upper
63 100
65 31.2 23.5 35.3



#40
Dibromomethane
Concen: 22.411 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 93 Resp: 35144
Ion Ratio Lower Upper
93 100
95 85.6 0.0 162.0
174 90.8 0.0 188.6

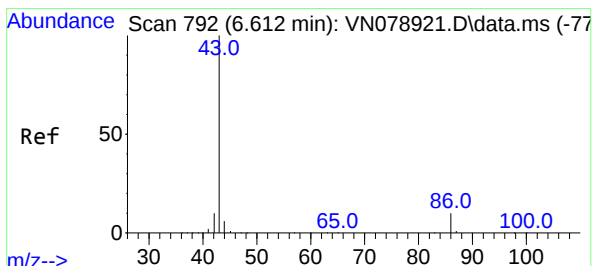
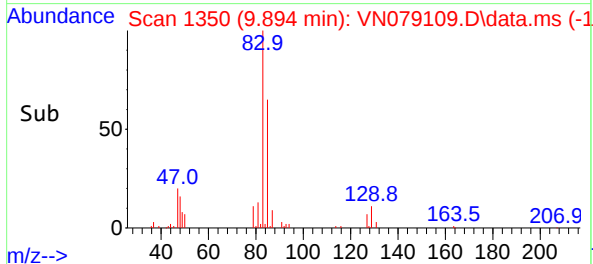
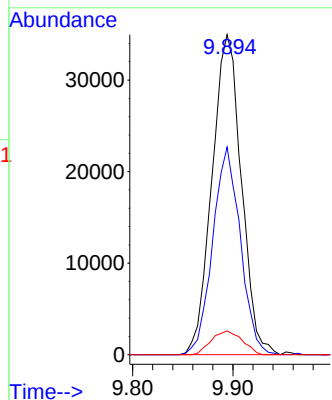
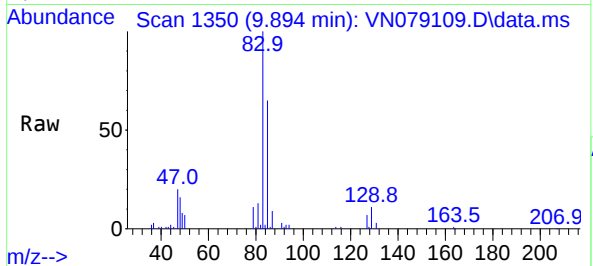




#41
Bromodichloromethane
Concen: 22.568 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

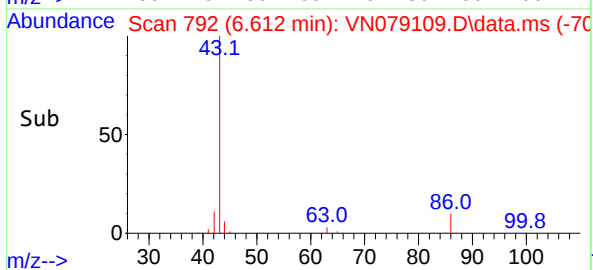
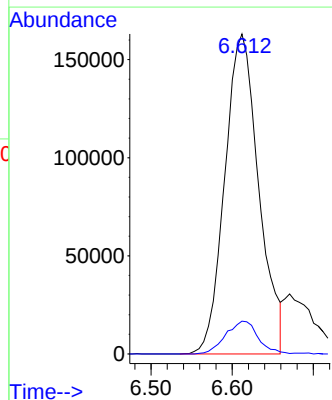
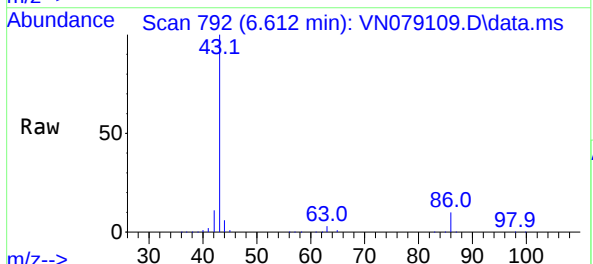
Instrument :
MSVOA_N
ClientSampleId :

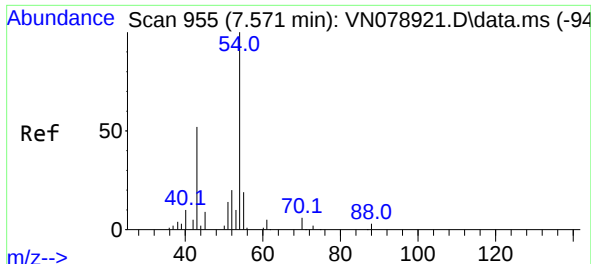
Tgt Ion: 83 Resp: 71173
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.2
127 8.4 6.2 9.4



#42
Vinyl Acetate
Concen: 99.385 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 43 Resp: 475423
Ion Ratio Lower Upper
43 100
86 9.7 7.4 11.0

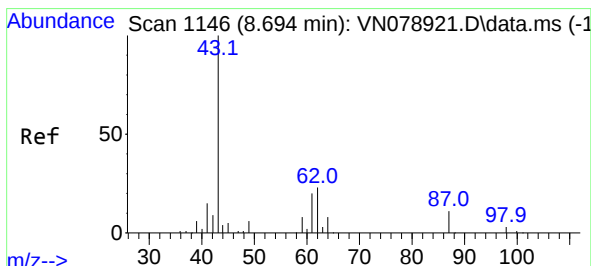
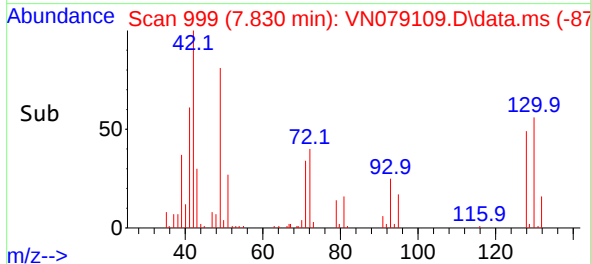
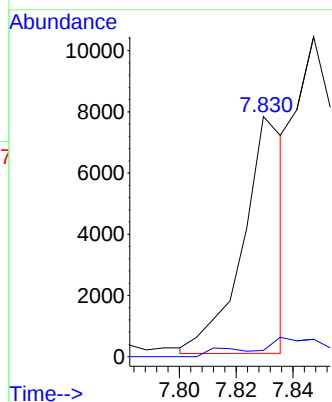
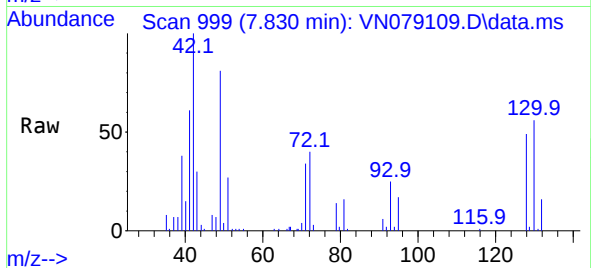




#43
Ethyl Acetate
Concen: 2.392 ug/l
RT: 7.830 min Scan# 911
Delta R.T. 0.259 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

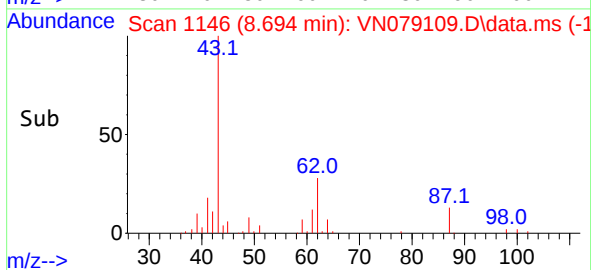
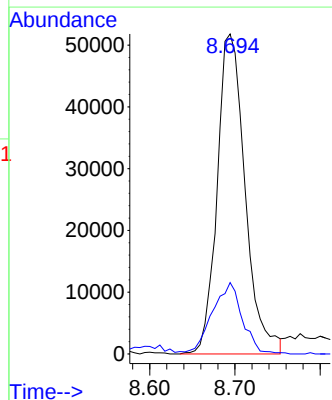
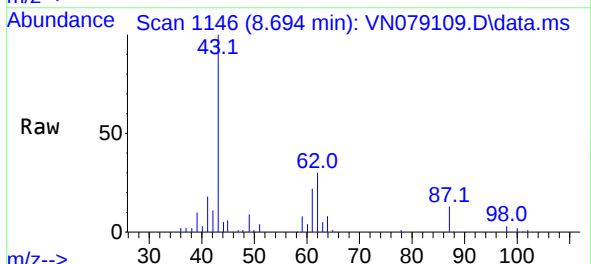
Instrument :
MSVOA_N
ClientSampleId :

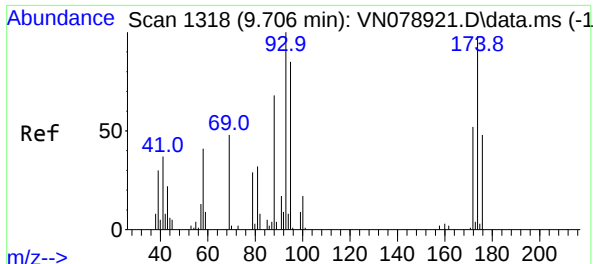
Tgt Ion: 43 Resp: 7873
Ion Ratio Lower Upper
43 100
45 11.4 9.6 14.4



#44
Isopropyl Acetate
Concen: 20.350 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 43 Resp: 118024
Ion Ratio Lower Upper
43 100
61 22.5 19.0 28.4

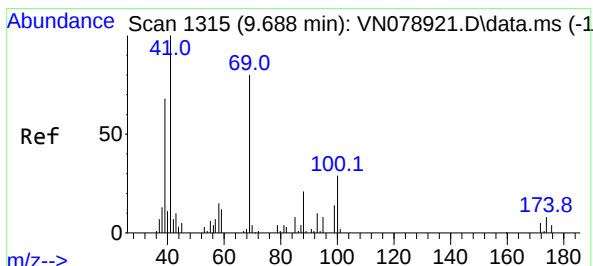
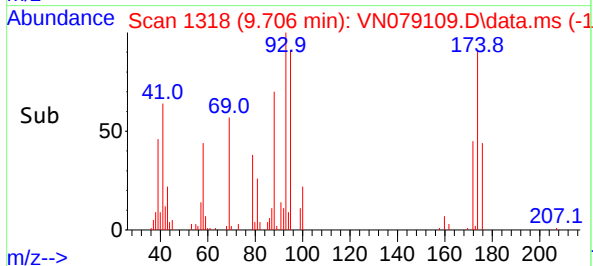
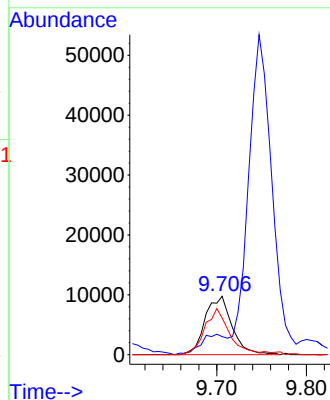
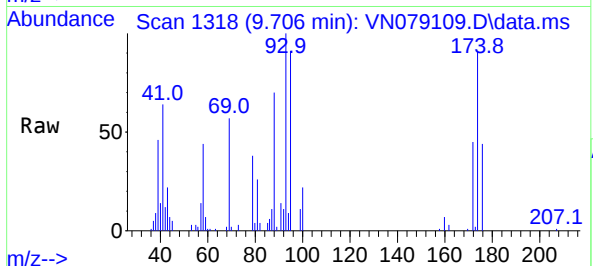




#45
1,4-Dioxane
Concen: 463.720 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

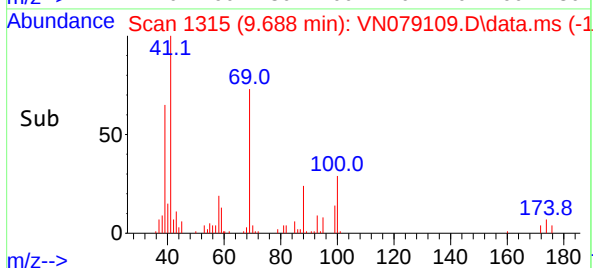
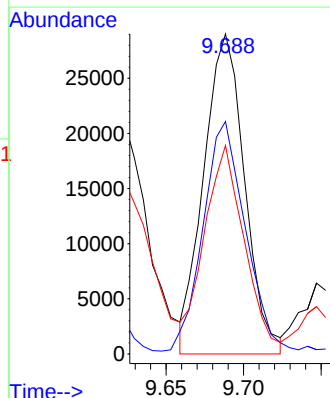
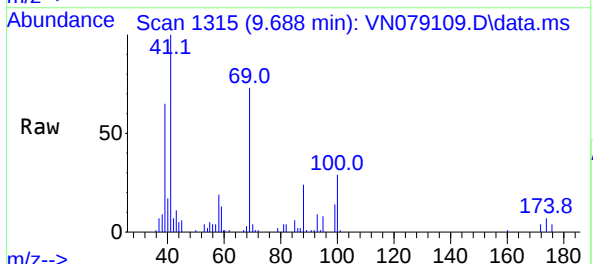
Instrument :
MSVOA_N
ClientSampleId :

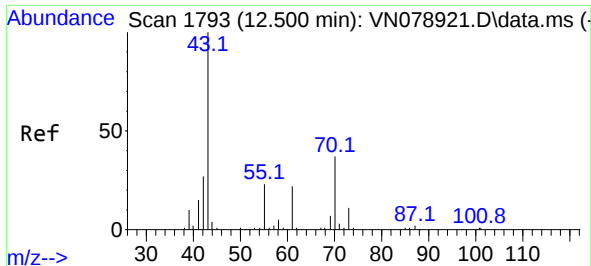
Tgt Ion: 88 Resp: 20239
Ion Ratio Lower Upper
88 100
43 17.9 28.1 42.1#
58 72.2 57.0 85.4



#46
Methyl methacrylate
Concen: 20.839 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 41 Resp: 53250
Ion Ratio Lower Upper
41 100
69 72.8 38.5 115.5
39 64.8 35.9 107.8

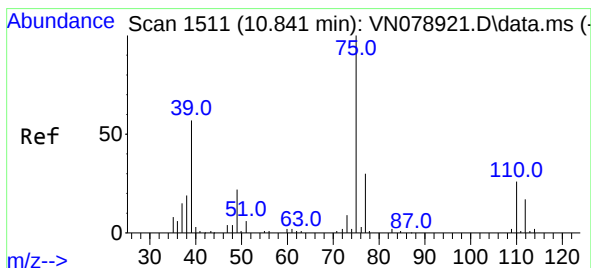
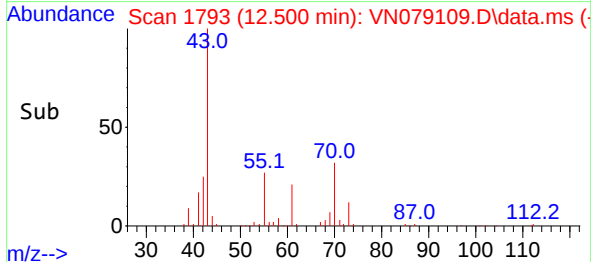
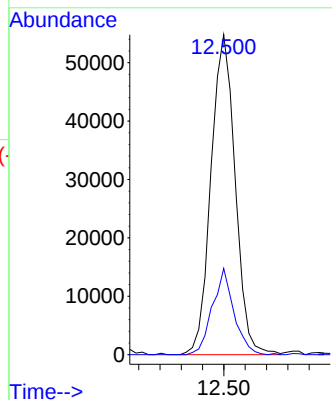
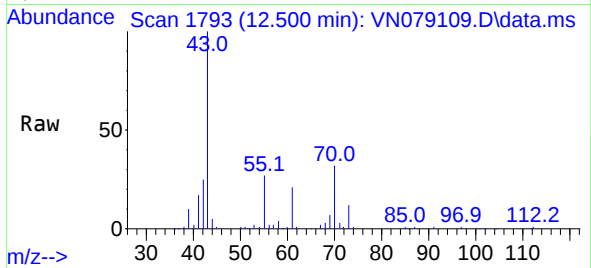




#47
n-amyl acetate
Concen: 19.432 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

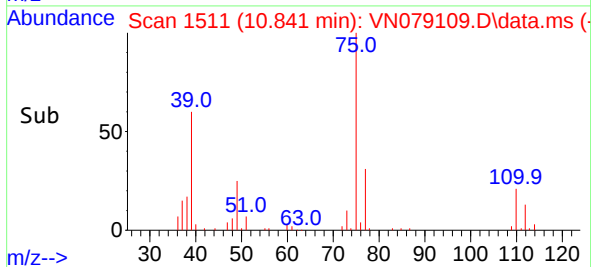
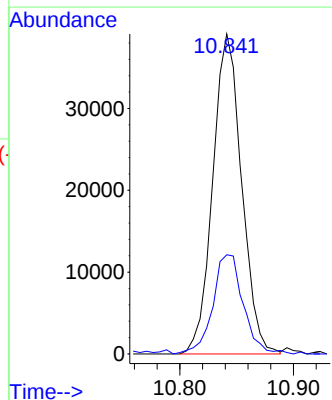
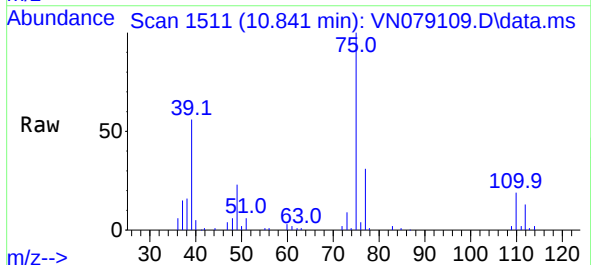
Instrument :
MSVOA_N
ClientSampleId :

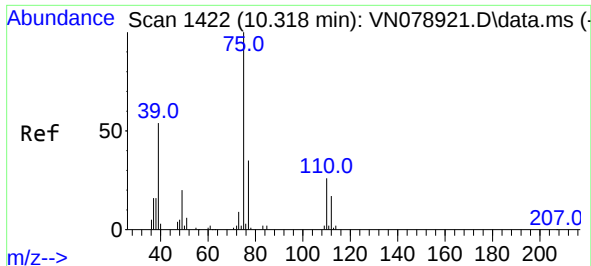
Tgt Ion: 43 Resp: 86486
Ion Ratio Lower Upper
43 100
55 23.9 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 20.565 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

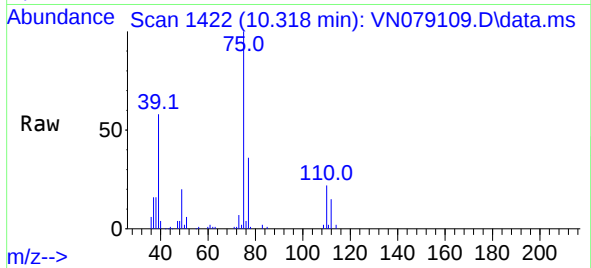
Tgt Ion: 75 Resp: 69075
Ion Ratio Lower Upper
75 100
77 30.5 23.7 35.5





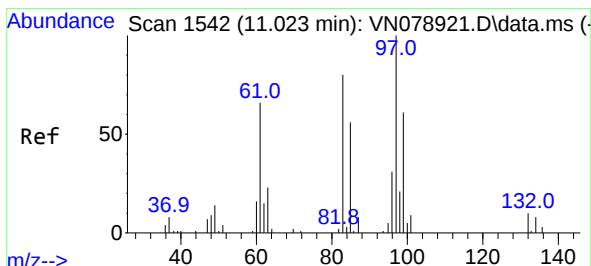
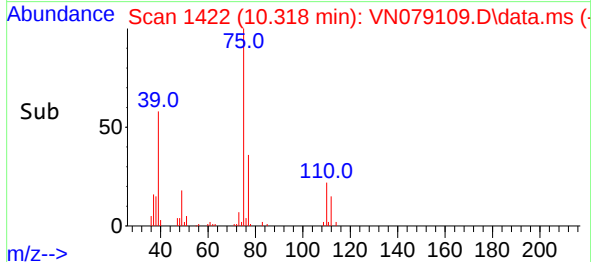
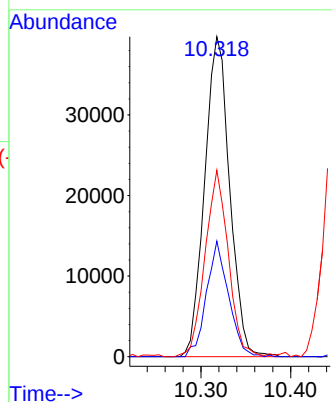
#49
 cis-1,3-Dichloropropene
 Concen: 21.390 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 77040

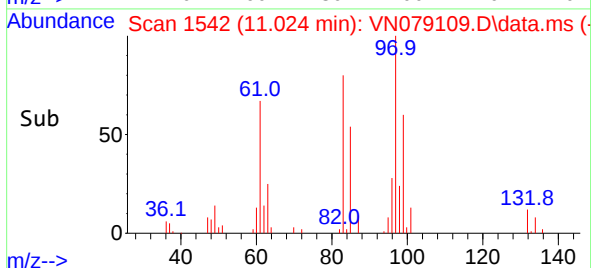
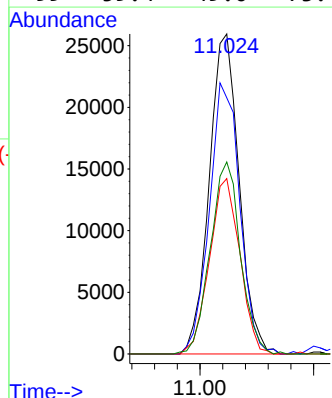
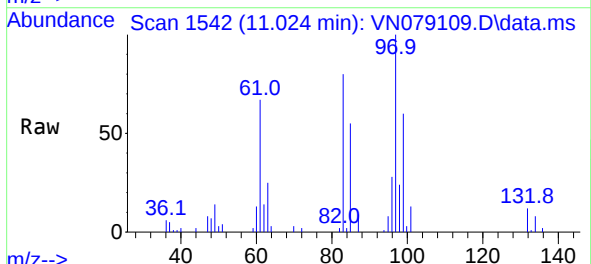
Ion	Ratio	Lower	Upper
75	100		
77	36.1	27.8	41.8
39	57.6	43.5	65.3

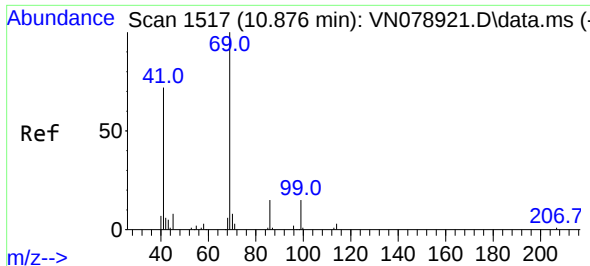


#50
 1,1,2-Trichloroethane
 Concen: 22.394 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

Tgt Ion: 97 Resp: 47458

Ion	Ratio	Lower	Upper
97	100		
83	80.1	63.7	95.5
85	54.8	44.9	67.3
99	59.4	49.0	73.4

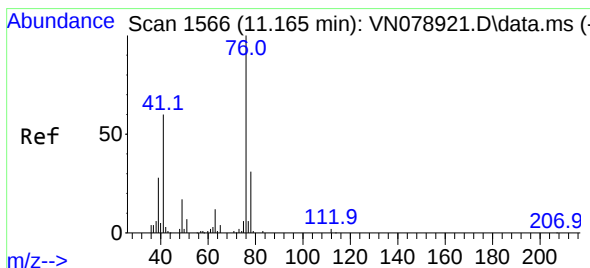
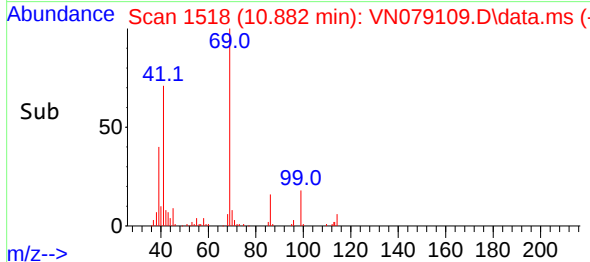
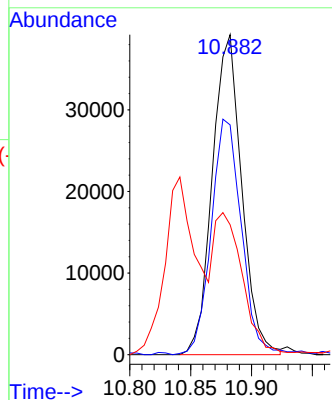
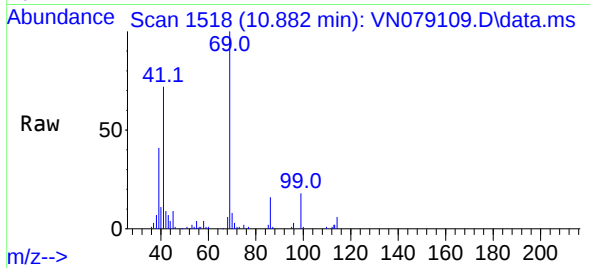




#51
Ethyl methacrylate
Concen: 20.061 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

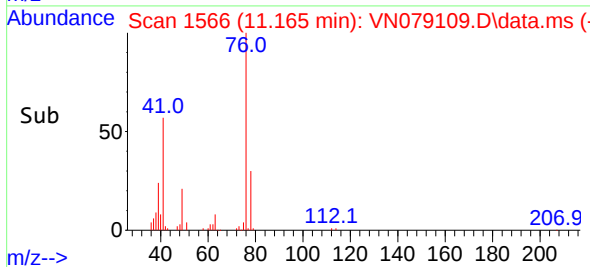
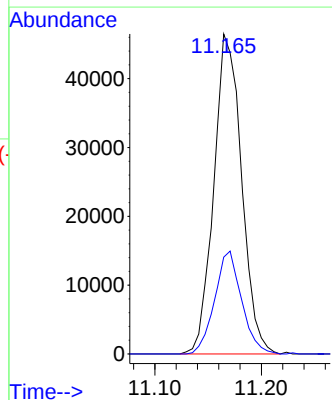
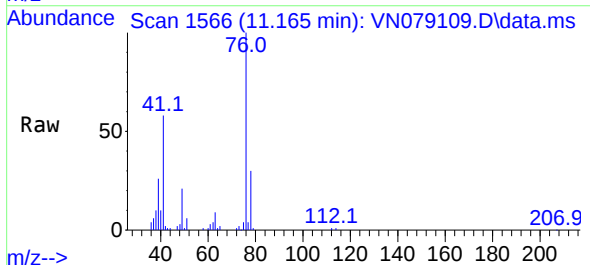
Instrument :
MSVOA_N
ClientSampleId :

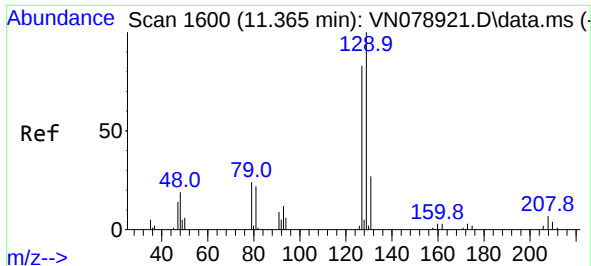
Tgt Ion: 69 Resp: 65799
Ion Ratio Lower Upper
69 100
41 71.4 35.9 107.8
39 39.6 23.5 70.5



#52
1,3-Dichloropropane
Concen: 22.160 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

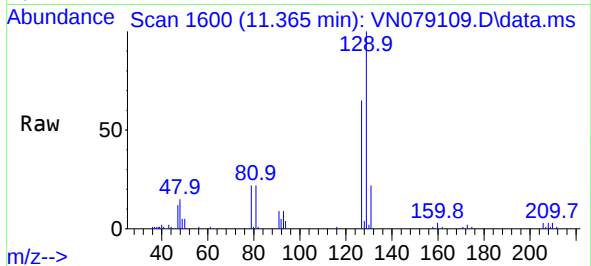
Tgt Ion: 76 Resp: 84115
Ion Ratio Lower Upper
76 100
78 31.2 0.0 64.6



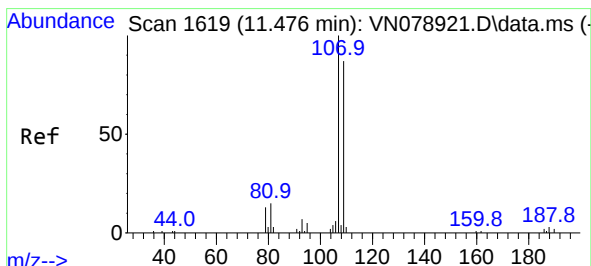
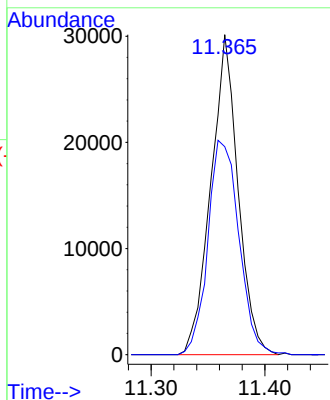
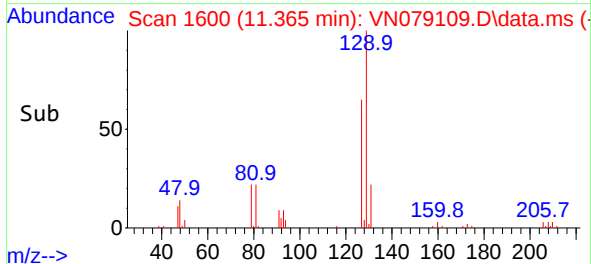


#53
Dibromochloromethane
Concen: 21.615 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

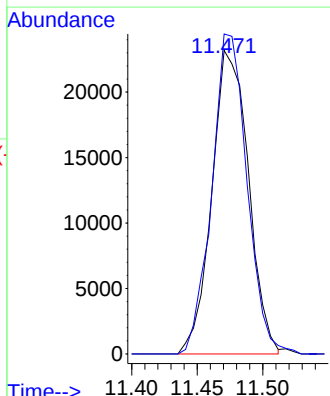
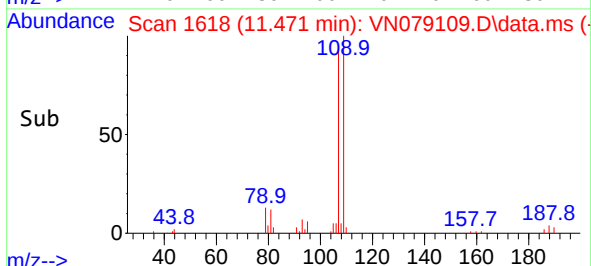
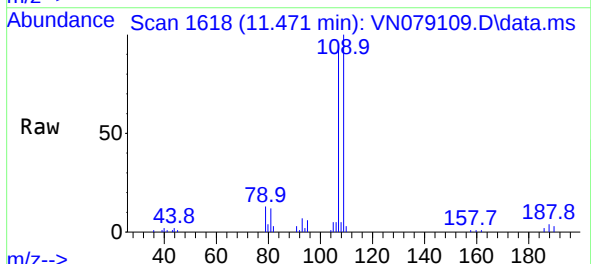


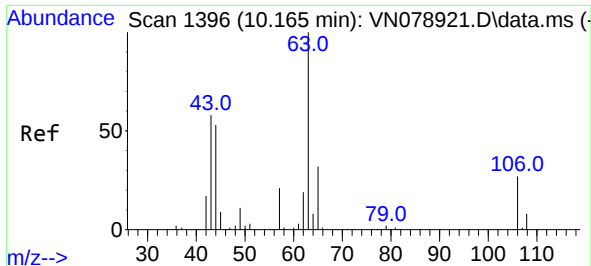
Tgt Ion:129 Resp: 50135
Ion Ratio Lower Upper
129 100
127 76.5 40.1 120.2



#54
1,2-Dibromoethane
Concen: 20.693 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:107 Resp: 45022
Ion Ratio Lower Upper
107 100
109 101.2 71.7 107.5

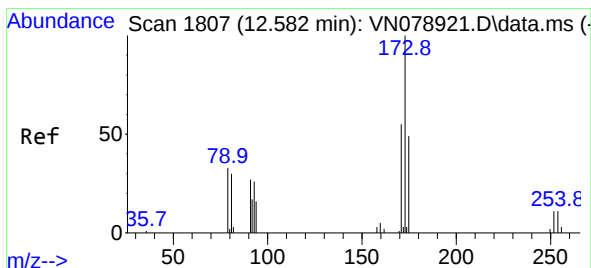
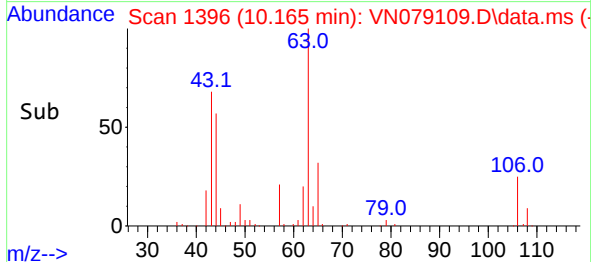
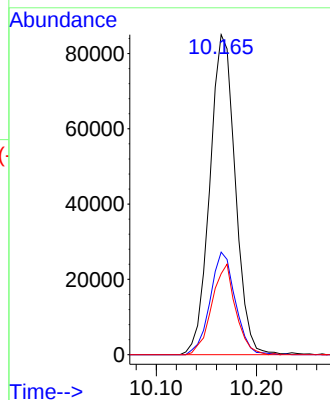
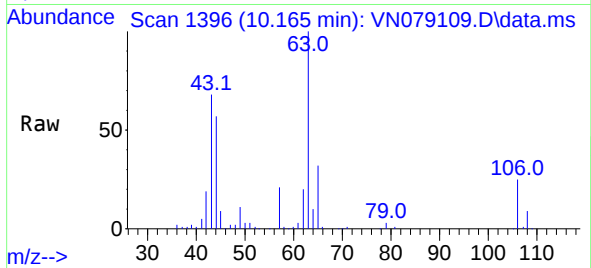




#55
2-Chloroethyl vinyl ether
Concen: 98.788 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

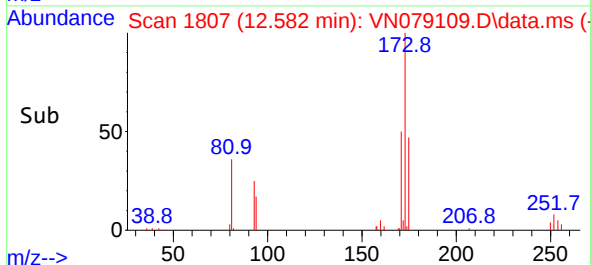
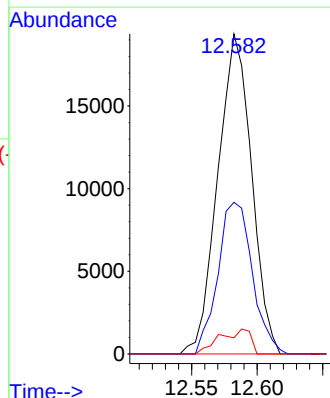
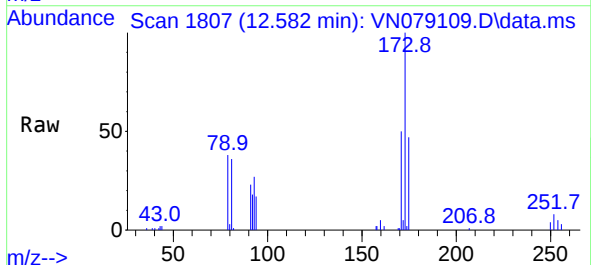
Instrument :
MSVOA_N
ClientSampleId :

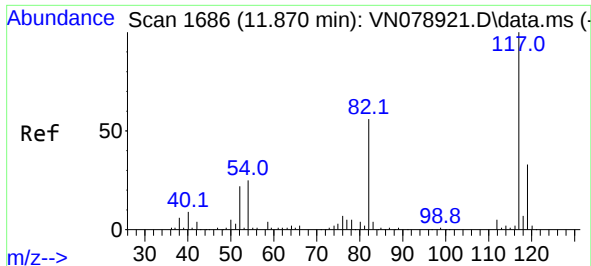
Tgt Ion: 63 Resp: 149770
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2
106 26.5 22.3 33.5



#56
Bromoform
Concen: 21.168 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 173 Resp: 34640
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 2.9 7.6 11.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

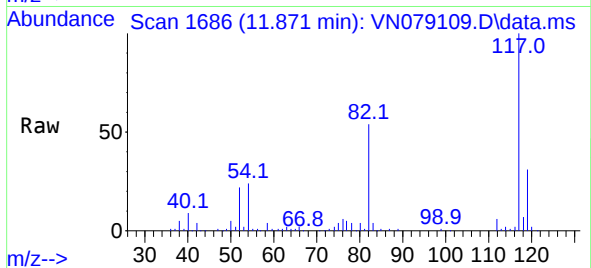
Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :



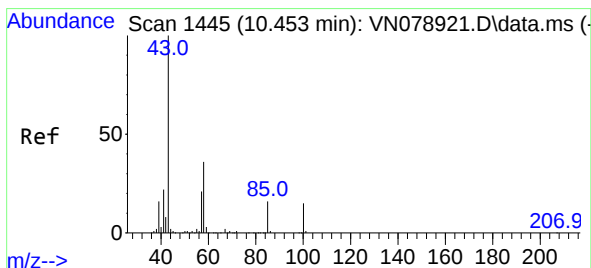
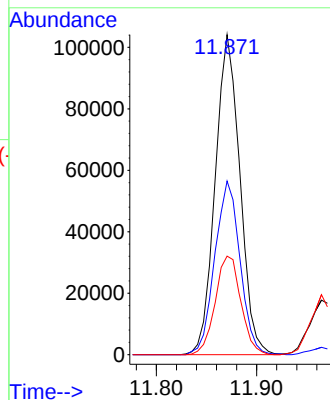
Tgt Ion:117 Resp: 178148

Ion	Ratio	Lower	Upper
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117	100		
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82	55.4	43.4	65.0
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119	31.9	25.5	38.3
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#58

4-Methyl-2-Pentanone

Concen: 102.931 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

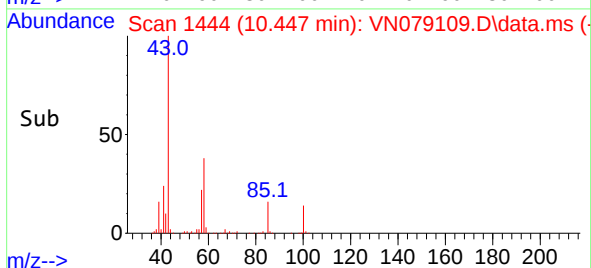
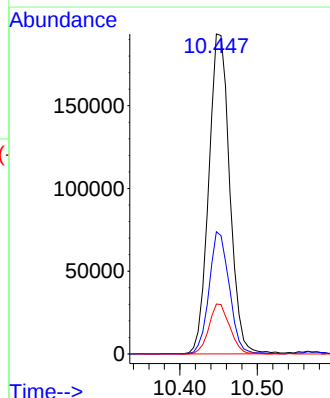
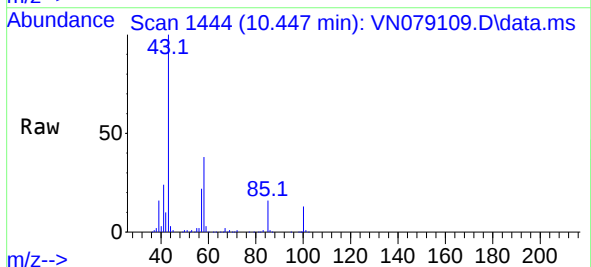
Tgt Ion: 43 Resp: 363811

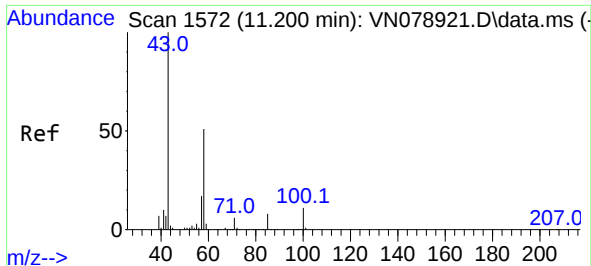
Ion	Ratio	Lower	Upper
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43	100		
----	-----	--	--

58	36.9	28.8	43.2
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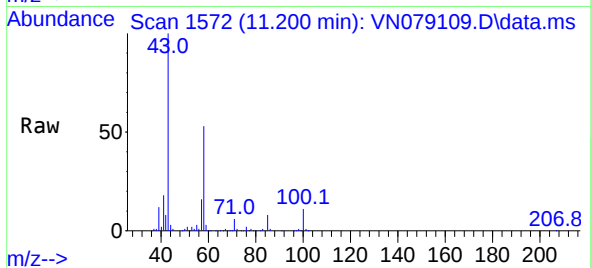
85	15.5	12.7	19.1
----	------	------	------



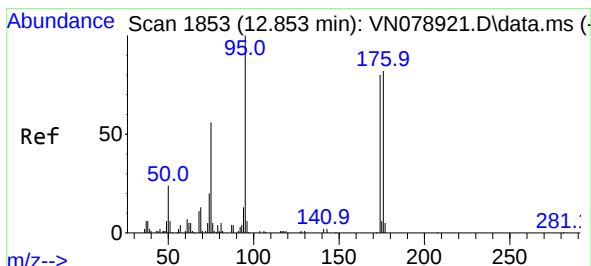
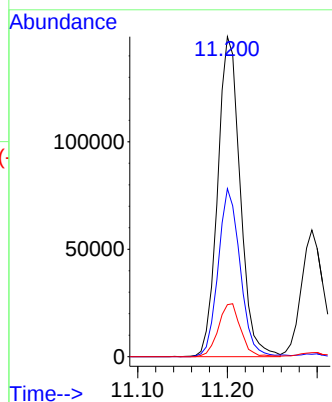
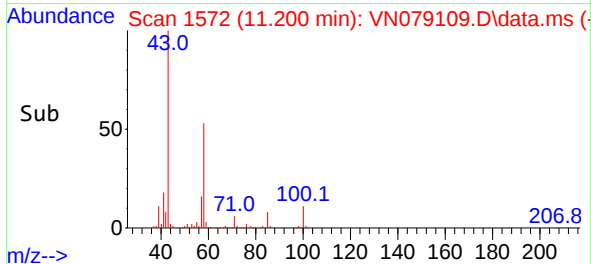


#59
2-Hexanone
Concen: 100.101 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

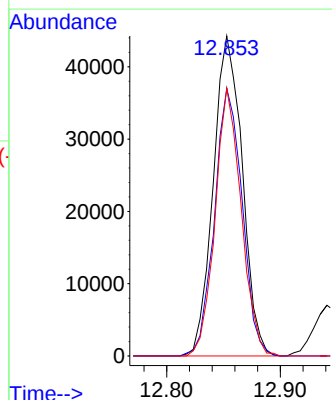
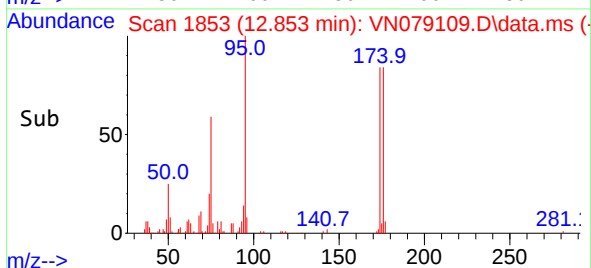
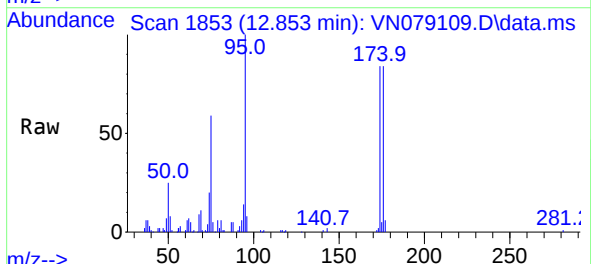


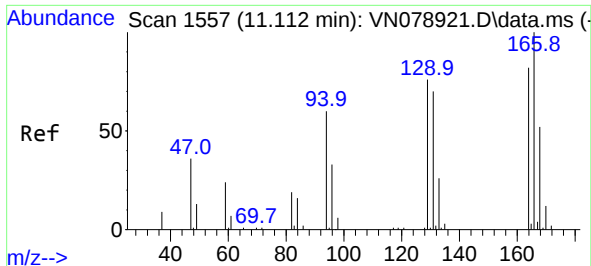
Tgt Ion: 43 Resp: 259229
Ion Ratio Lower Upper
43 100
58 51.1 40.6 60.8
57 16.2 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 30.203 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

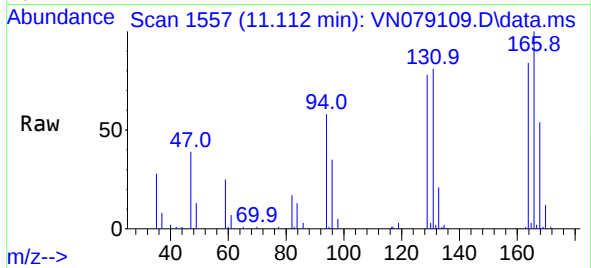
Tgt Ion: 95 Resp: 78487
Ion Ratio Lower Upper
95 100
174 79.9 64.8 97.2
176 75.2 63.0 94.6



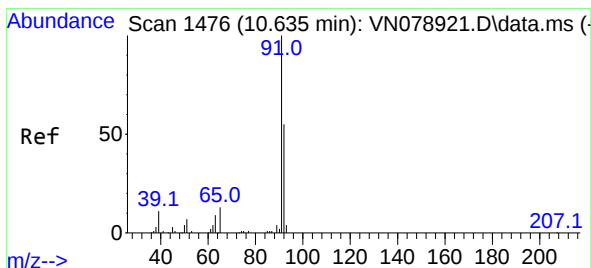
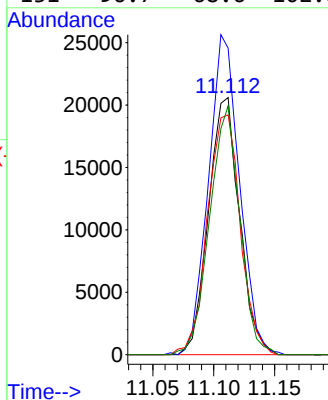
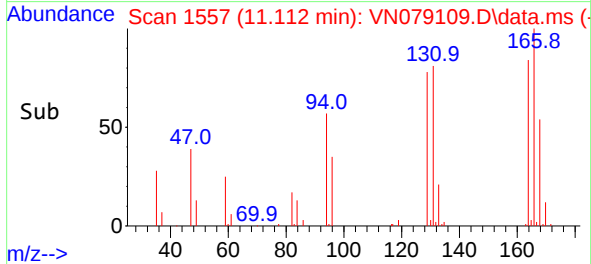


#61
Tetrachloroethene
Concen: 21.195 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

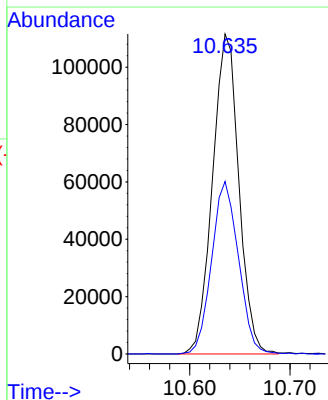
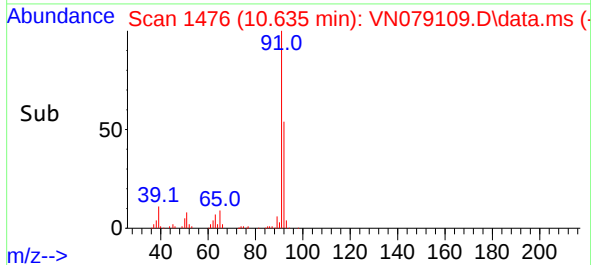
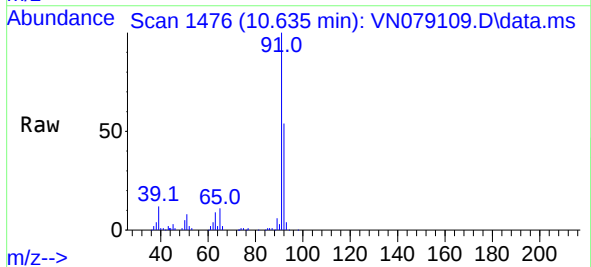


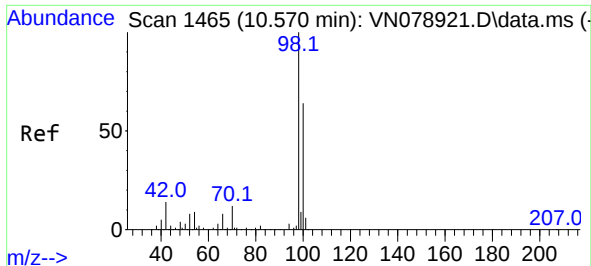
Tgt Ion:164 Resp: 36559
Ion Ratio Lower Upper
164 100
166 119.2 97.6 146.4
129 93.3 74.1 111.1
131 96.7 68.6 102.8



#62
Toluene
Concen: 20.888 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

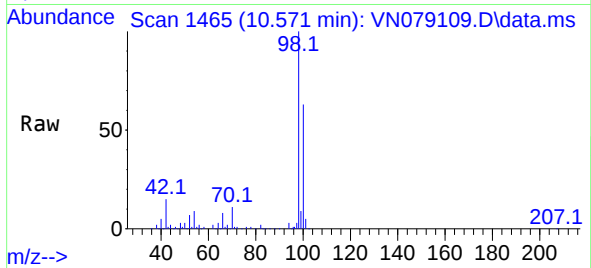
Tgt Ion: 91 Resp: 203161
Ion Ratio Lower Upper
91 100
92 55.0 44.7 67.1



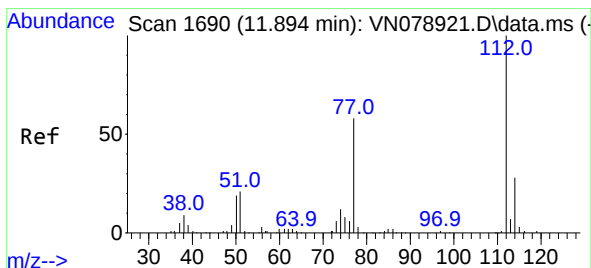
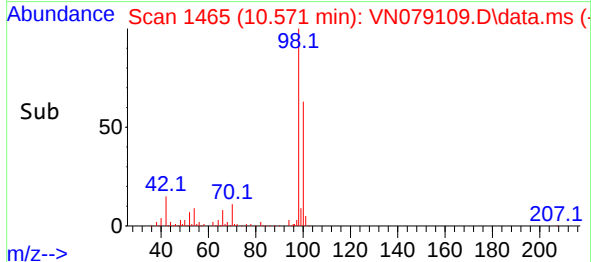
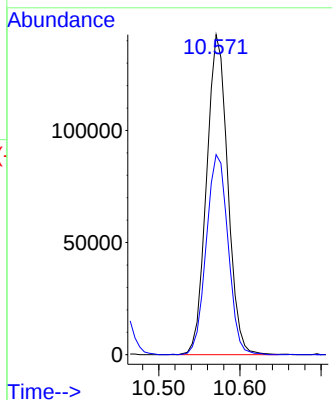


#63
Toluene-d8
Concen: 31.096 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

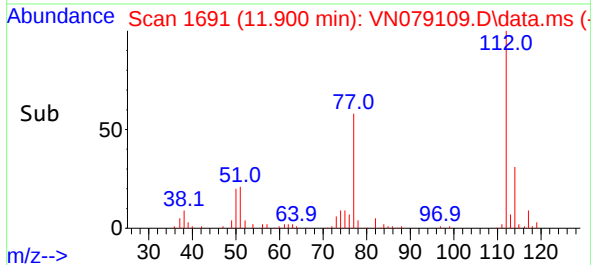
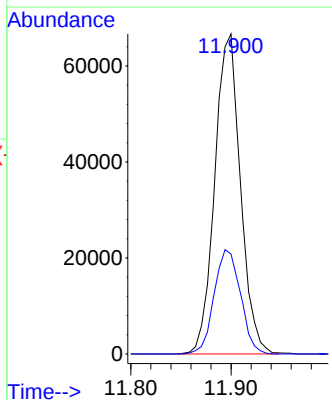
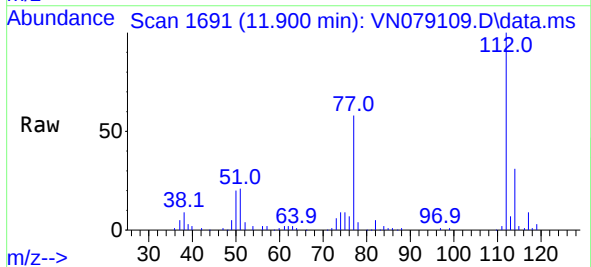


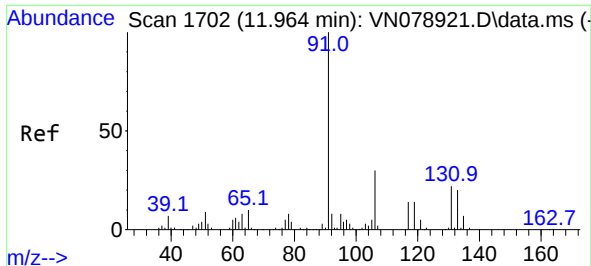
Tgt Ion: 98 Resp: 258695
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#64
Chlorobenzene
Concen: 20.278 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 112 Resp: 118582
Ion Ratio Lower Upper
112 100
114 31.2 22.4 33.6

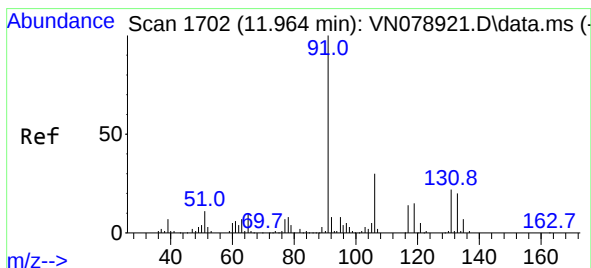
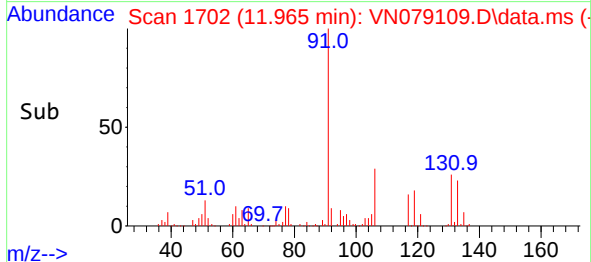
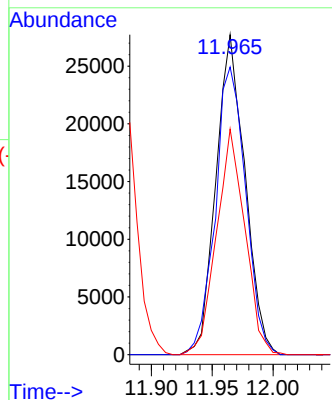
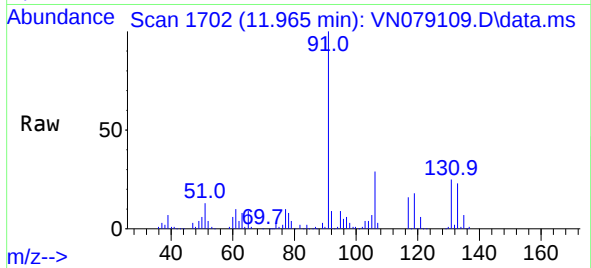




#65
1,1,1,2-Tetrachloroethane
Concen: 20.603 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

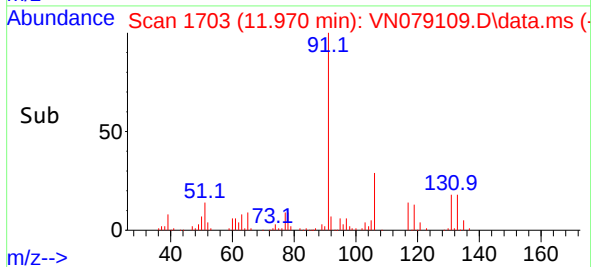
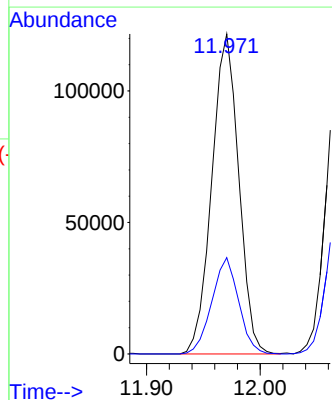
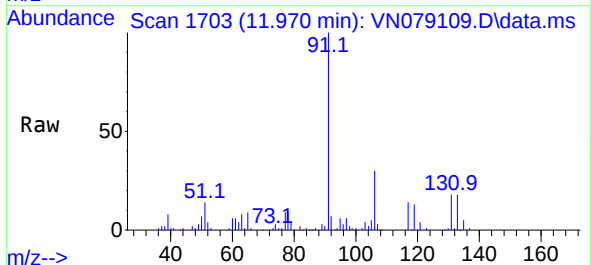
Instrument :
MSVOA_N
ClientSampleId :

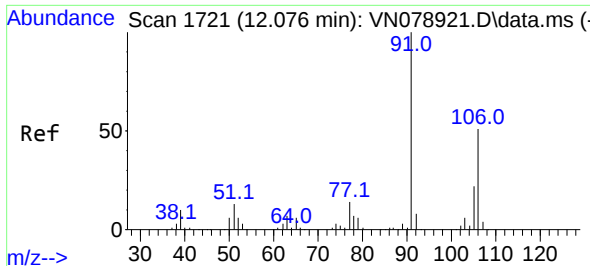
Tgt Ion:131 Resp: 46069
Ion Ratio Lower Upper
131 100
133 94.0 0.0 184.8
119 68.9 0.0 133.4



#66
Ethyl Benzene
Concen: 19.690 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 91 Resp: 200313
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

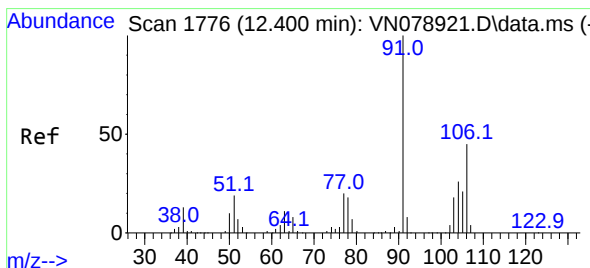
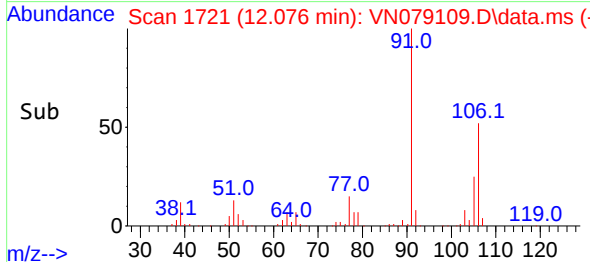
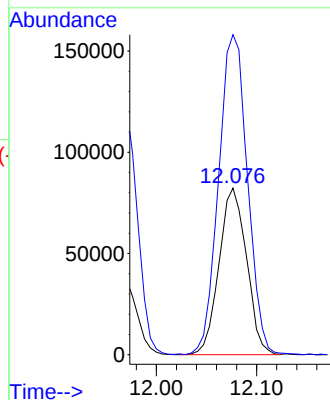
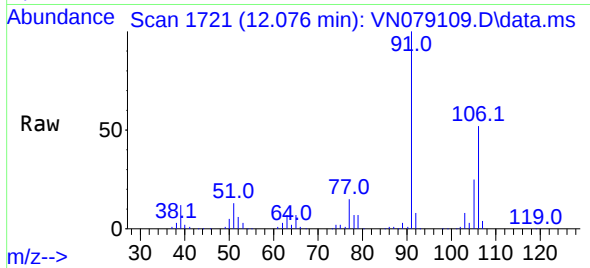




#67
m/p-Xylenes
Concen: 41.329 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

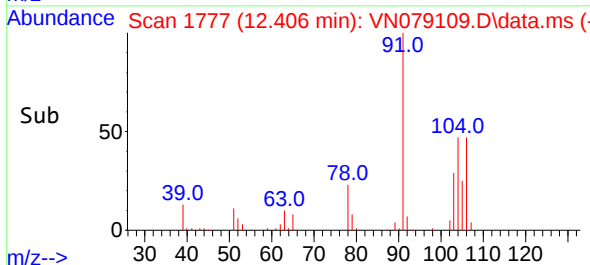
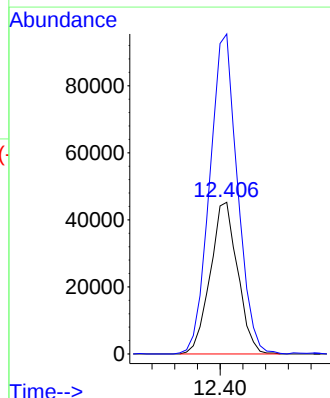
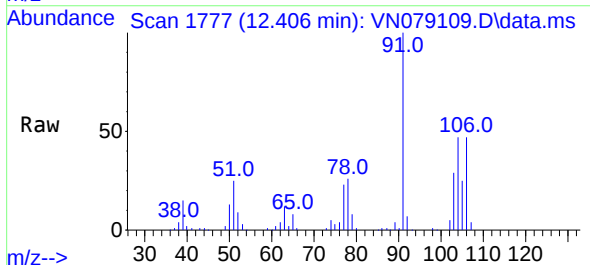
Instrument :
MSVOA_N
ClientSampleId :

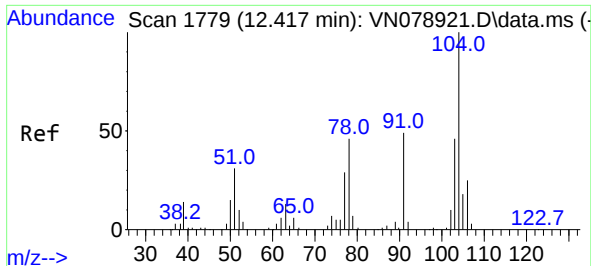
Tgt Ion:106 Resp: 156773
Ion Ratio Lower Upper
106 100
91 201.7 161.2 241.8



#68
o-Xylene
Concen: 20.229 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:106 Resp: 75660
Ion Ratio Lower Upper
106 100
91 214.2 109.0 327.0

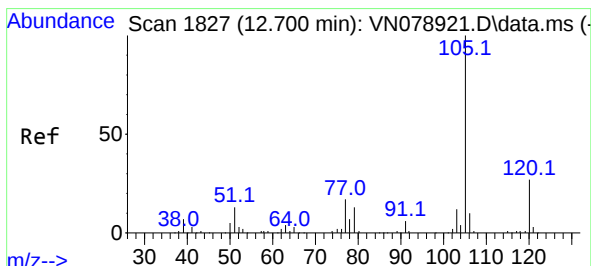
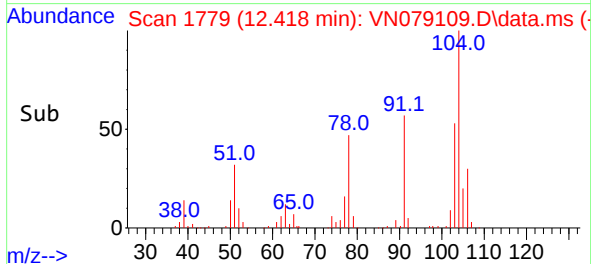
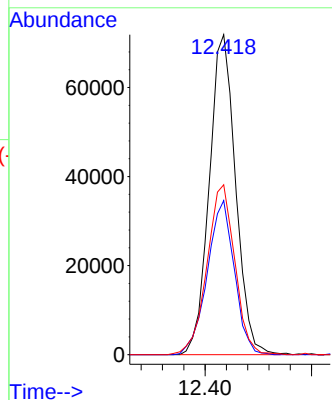
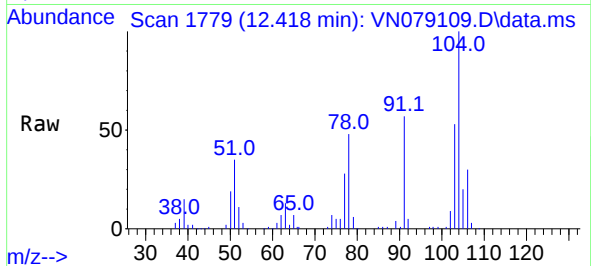




#69
Styrene
Concen: 20.330 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

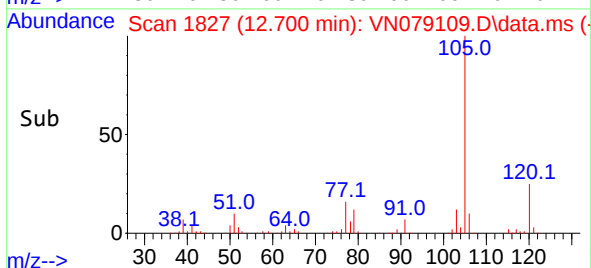
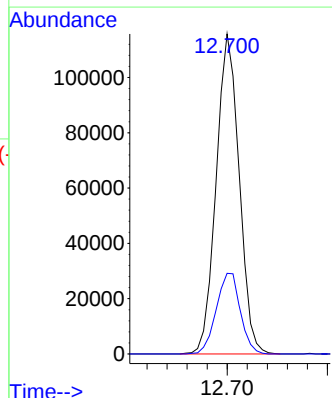
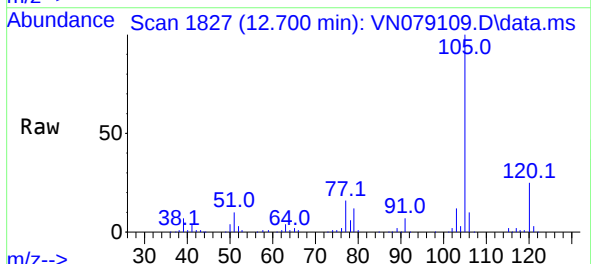
Instrument :
MSVOA_N
ClientSampleId :

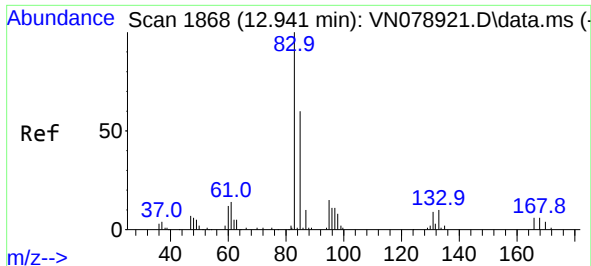
Tgt Ion:104 Resp: 123555
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.4
103 56.1 43.2 64.8



#70
Isopropylbenzene
Concen: 20.337 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:105 Resp: 184297
Ion Ratio Lower Upper
105 100
120 26.3 19.1 35.5

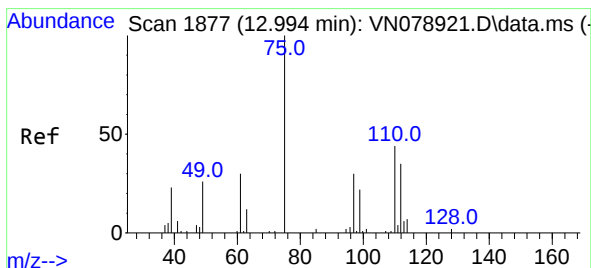
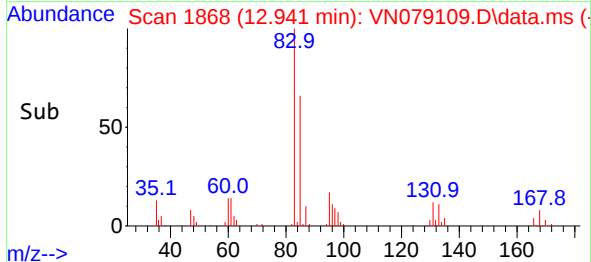
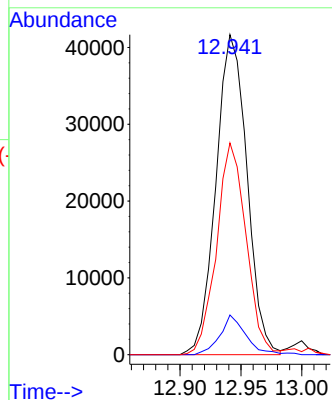
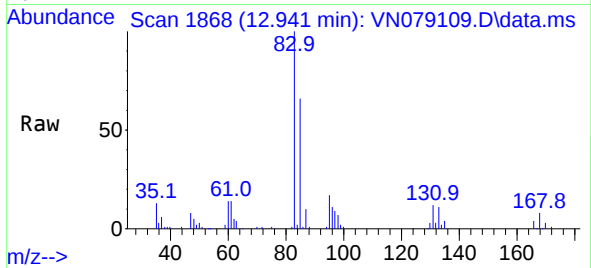




#71
1,1,2,2-Tetrachloroethane
Concen: 21.755 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

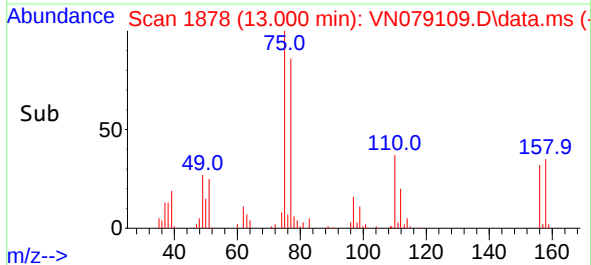
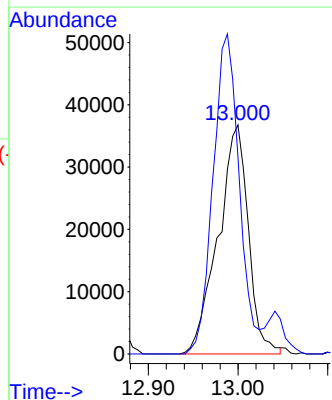
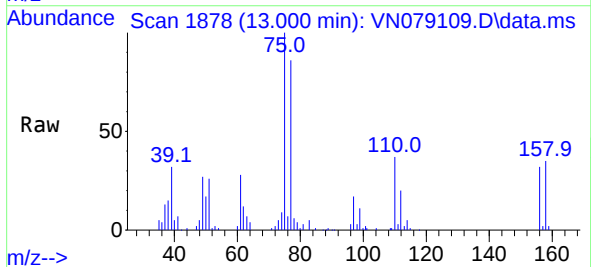
Instrument :
MSVOA_N
ClientSampleId :

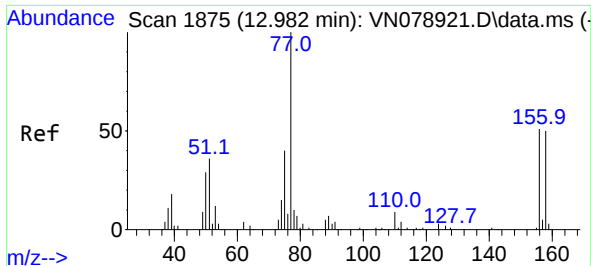
Tgt Ion: 83 Resp: 73906
Ion Ratio Lower Upper
83 100
131 10.2 4.7 14.0
85 62.9 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 30.841 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 75 Resp: 85954
Ion Ratio Lower Upper
75 100
77 120.9 0.0 367.4

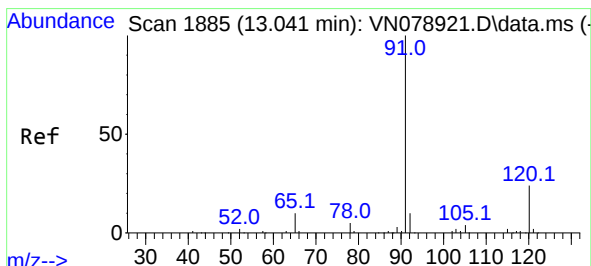
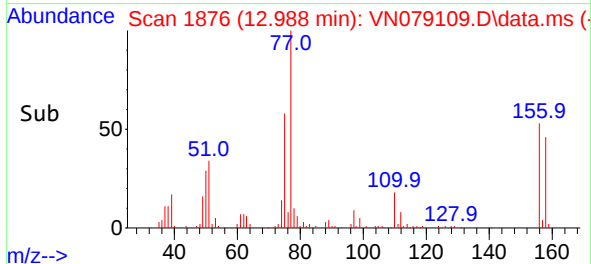
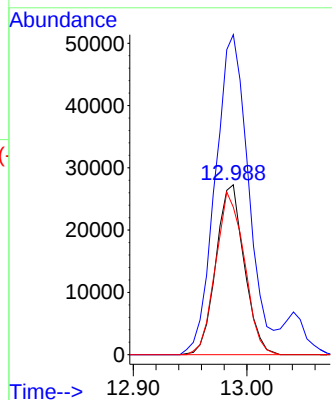
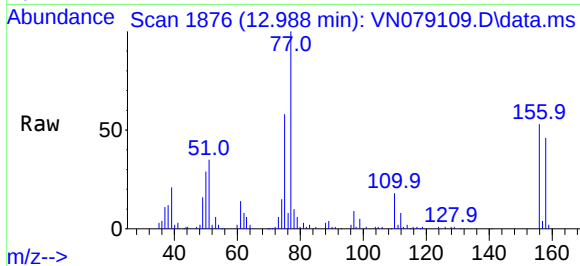




#73
Bromobenzene
Concen: 20.477 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

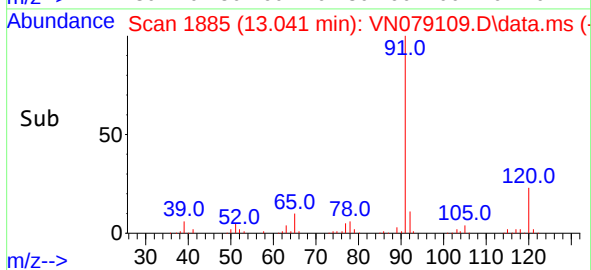
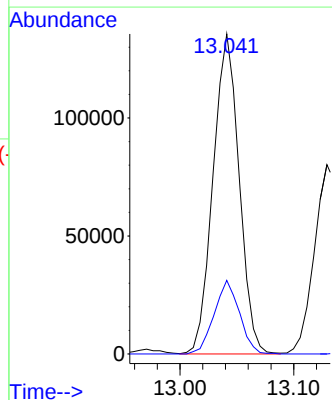
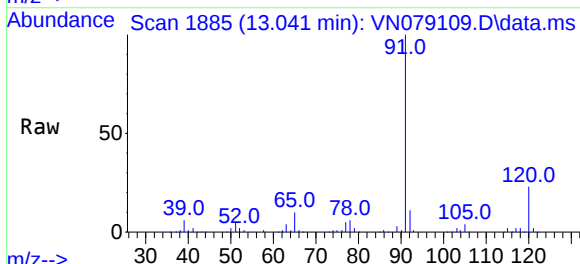
Instrument :
MSVOA_N
ClientSampleId :

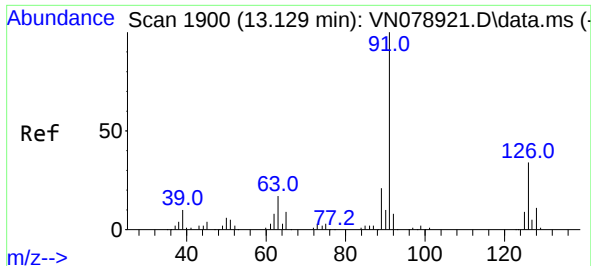
Tgt Ion:156 Resp: 47243
Ion Ratio Lower Upper
156 100
77 220.0 0.0 431.0
158 97.2 0.0 196.8



#74
n-propylbenzene
Concen: 21.047 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 91 Resp: 216165
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.4

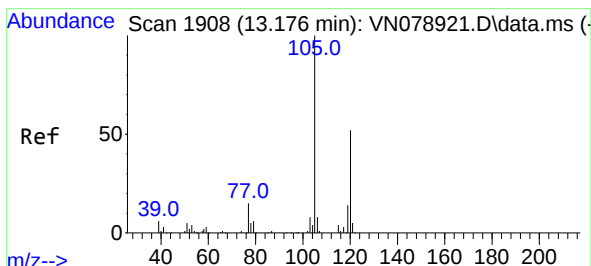
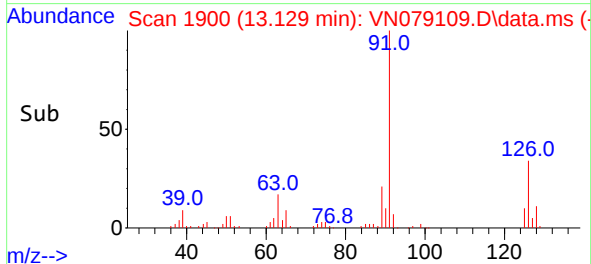
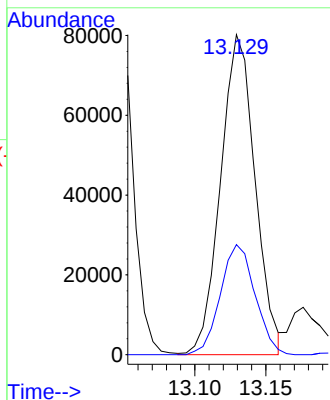
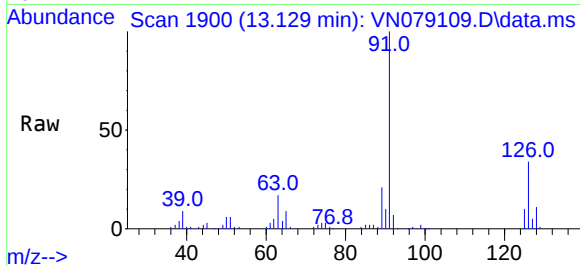




#75
2-Chlorotoluene
Concen: 20.787 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

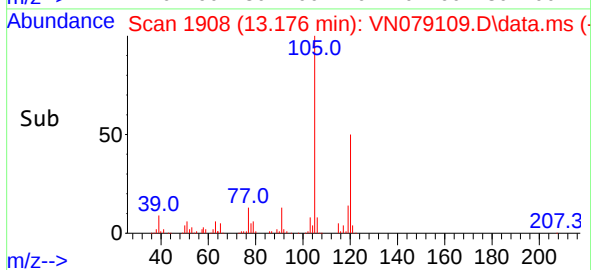
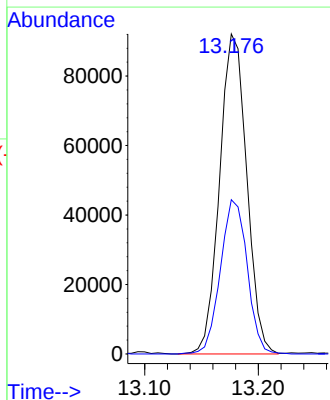
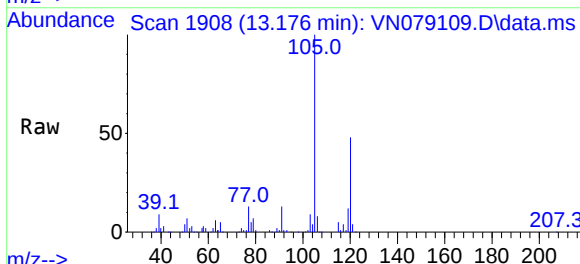
Instrument :
MSVOA_N
ClientSampleId :

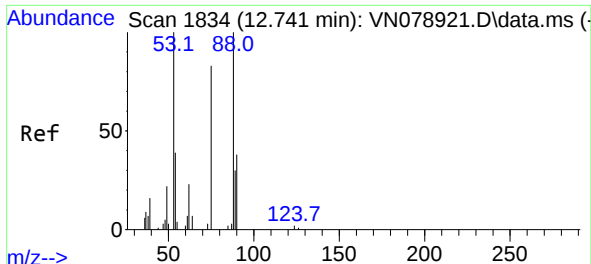
Tgt Ion: 91 Resp: 135436
Ion Ratio Lower Upper
91 100
126 34.6 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 21.289 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:105 Resp: 152936
Ion Ratio Lower Upper
105 100
120 47.6 0.0 98.8

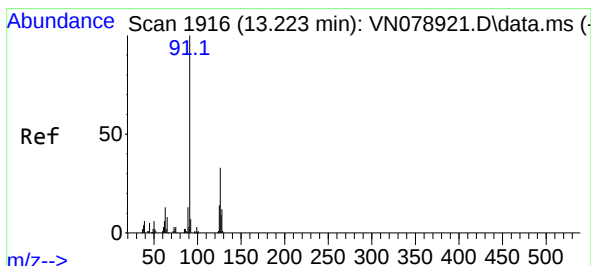
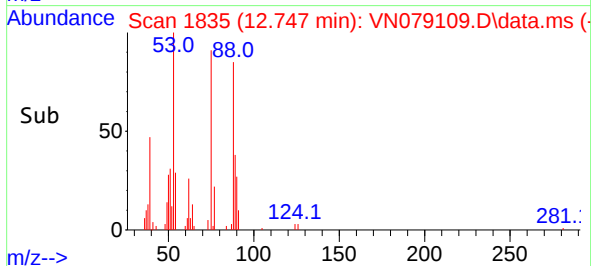
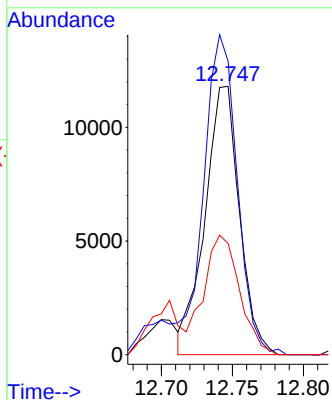
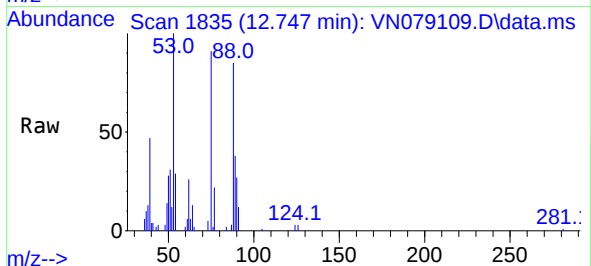




#77
t-1,4-Dichloro-2-butene
Concen: 19.313 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

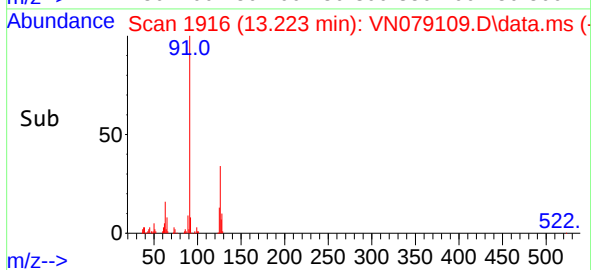
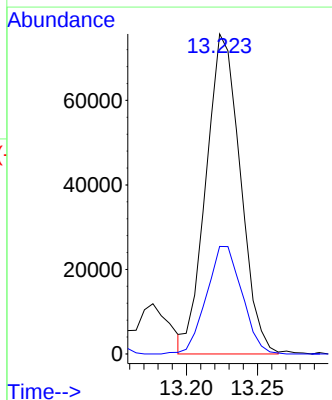
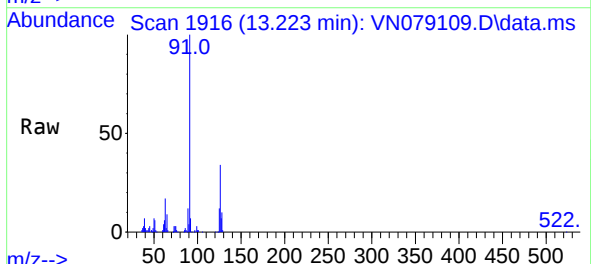
Instrument :
MSVOA_N
ClientSampleId :

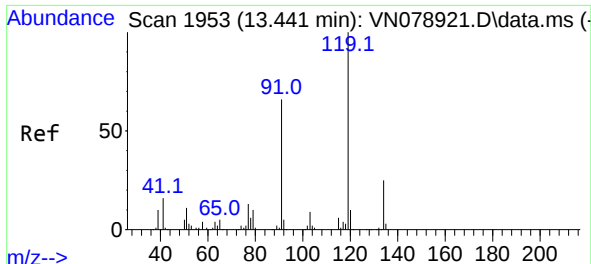
Tgt Ion: 75 Resp: 20002
Ion Ratio Lower Upper
75 100
53 107.2 60.1 180.3
89 41.4 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.379 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 91 Resp: 127210
Ion Ratio Lower Upper
91 100
126 34.9 0.0 67.4

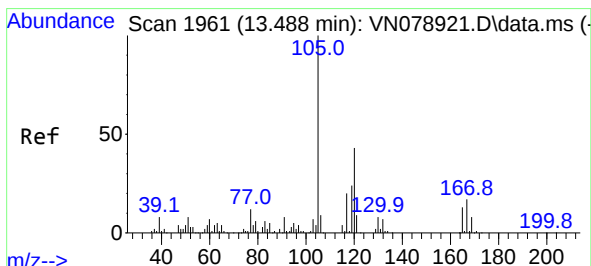
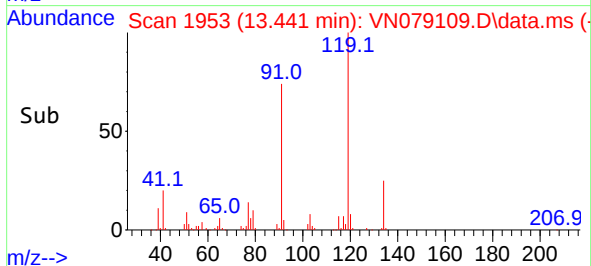
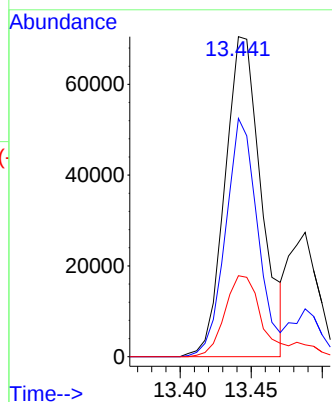
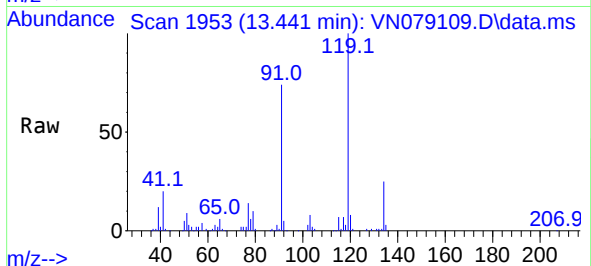




#79
tert-butylbenzene
Concen: 20.663 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

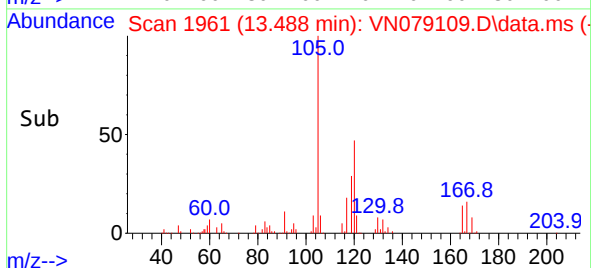
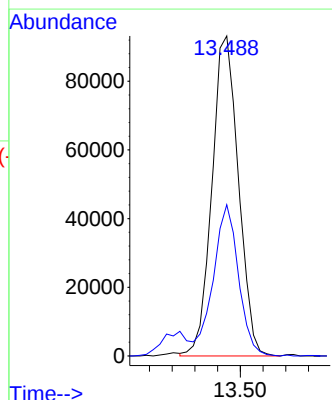
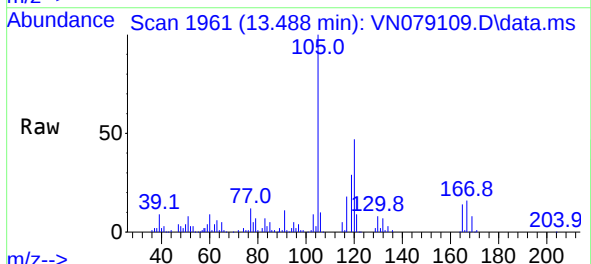
Instrument :
MSVOA_N
ClientSampleId :

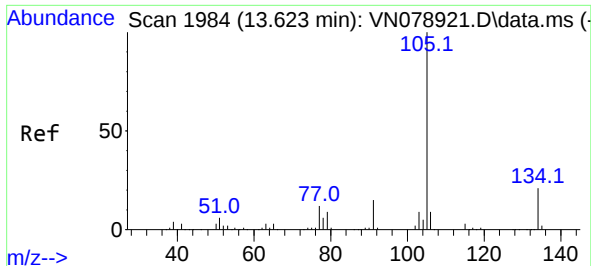
Tgt Ion:119 Resp: 125435
Ion Ratio Lower Upper
119 100
91 66.0 0.0 135.6
134 25.3 0.0 51.4



#80
1,2,4-Trimethylbenzene
Concen: 21.364 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:105 Resp: 150909
Ion Ratio Lower Upper
105 100
120 44.8 0.0 91.6

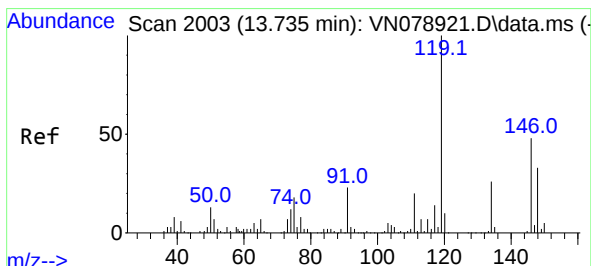
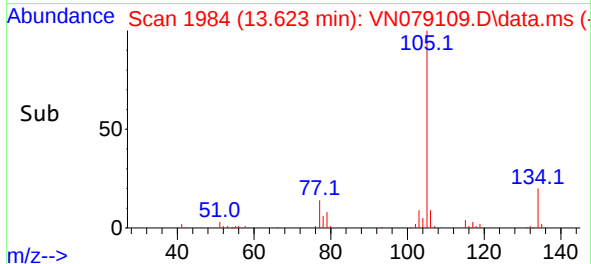
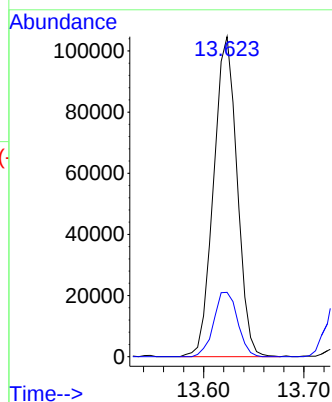
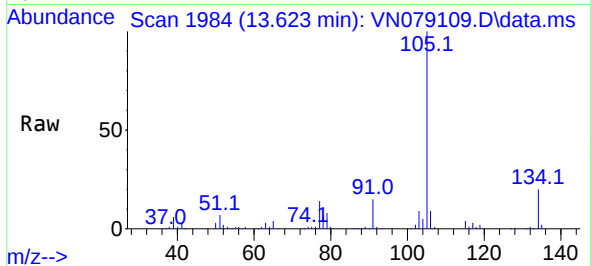




#81
 sec-Butylbenzene
 Concen: 21.264 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

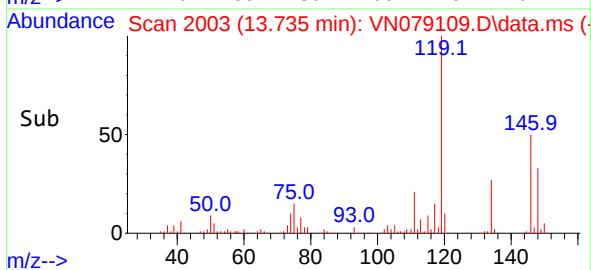
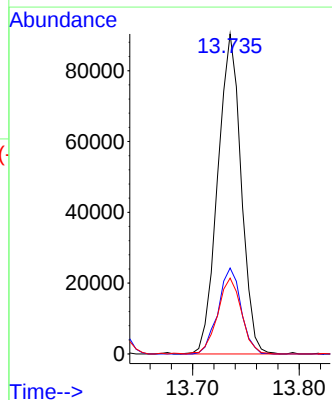
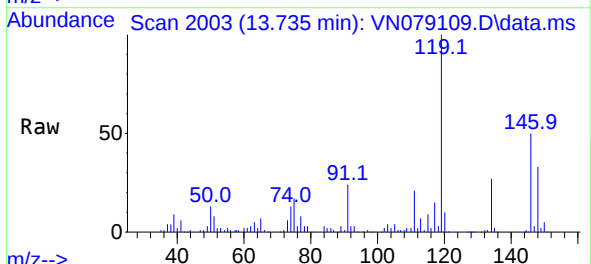
Instrument :
 MSVOA_N
 ClientSampleId :

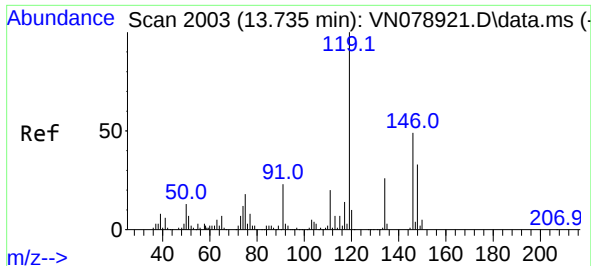
Tgt Ion:105 Resp: 170354
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 21.031 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079109.D
 Acq: 30 Aug 2023 11:27

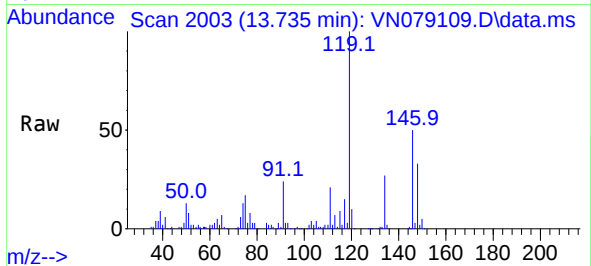
Tgt Ion:119 Resp: 137566
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.4
 91 24.1 0.0 47.4



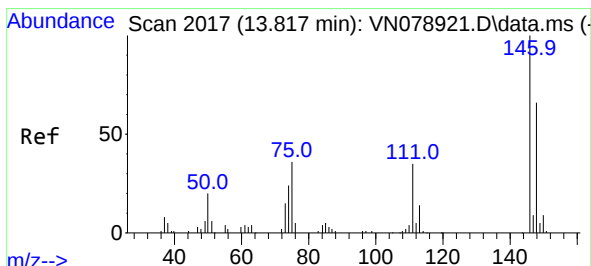
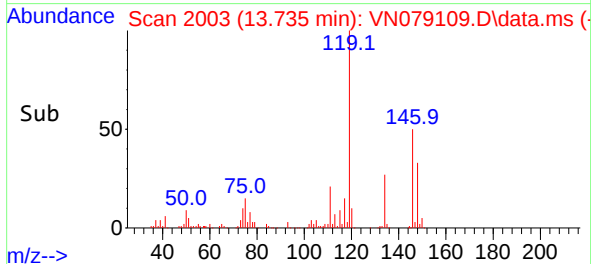
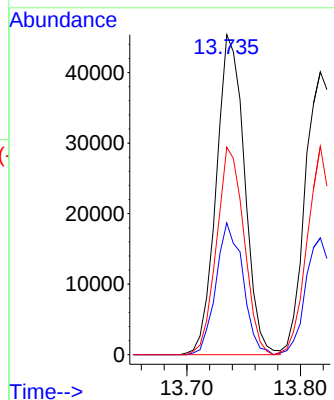


#83
1,3-Dichlorobenzene
Concen: 21.074 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

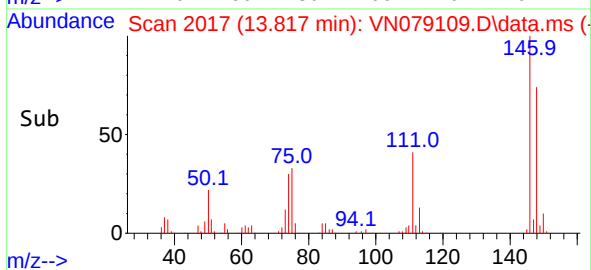
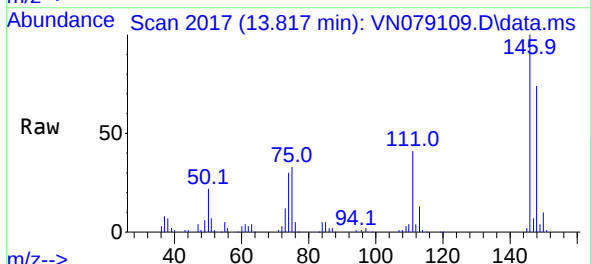
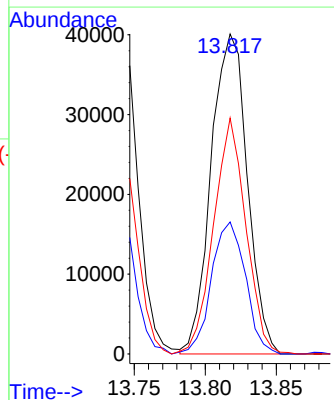


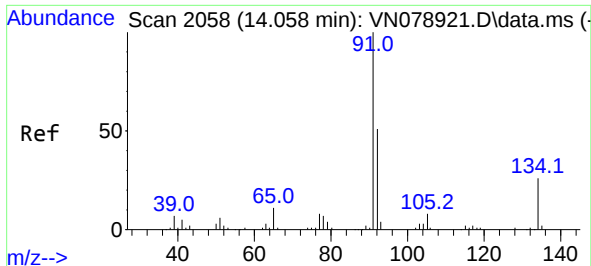
Tgt Ion:146 Resp: 78466
Ion Ratio Lower Upper
146 100
111 39.2 21.2 63.6
148 62.7 33.1 99.5



#84
1,4-Dichlorobenzene
Concen: 19.462 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:146 Resp: 71145
Ion Ratio Lower Upper
146 100
111 38.8 18.6 56.0
148 65.7 32.0 96.2

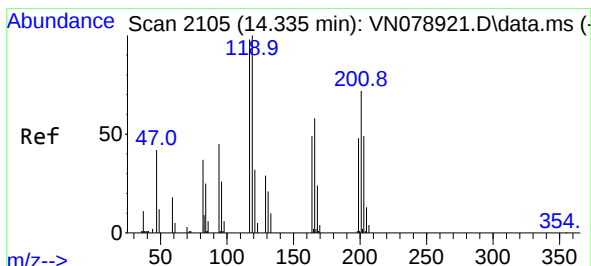
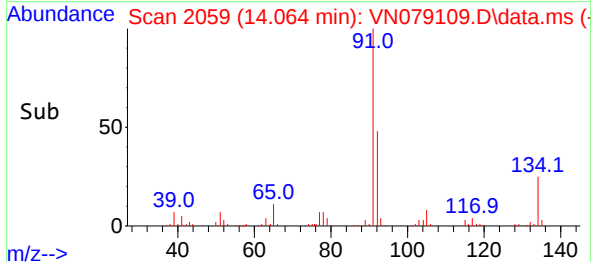
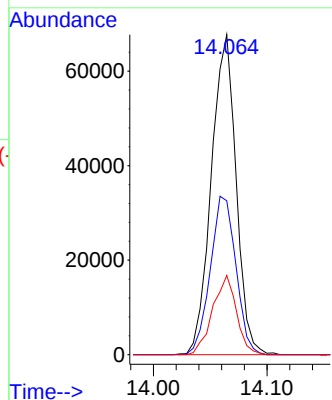
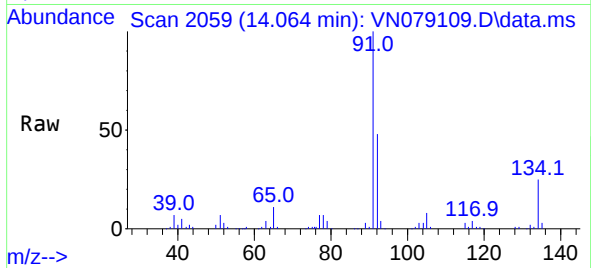




#85
n-Butylbenzene
Concen: 19.964 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

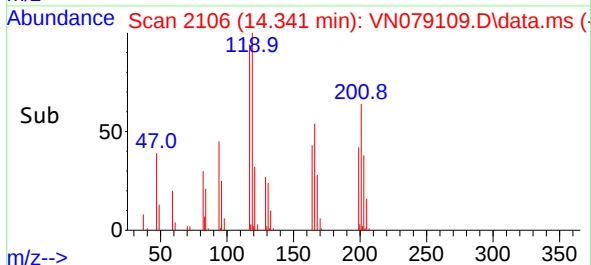
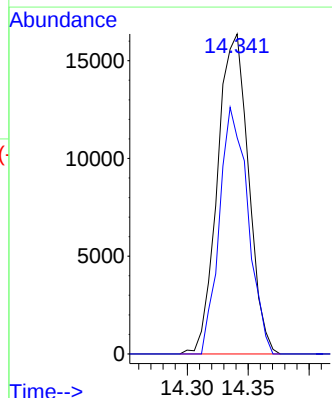
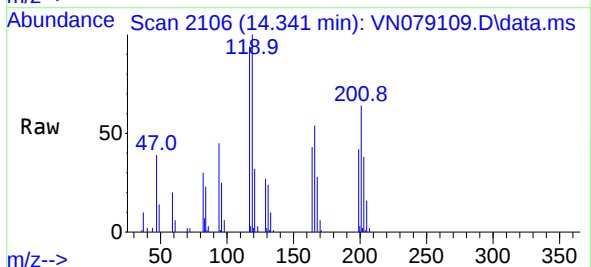
Instrument :
MSVOA_N
ClientSampleId :

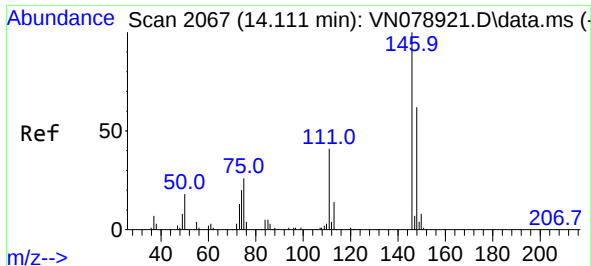
Tgt Ion: 91 Resp: 102706
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.8
134 23.8 0.0 48.6



#86
Hexachloroethane
Concen: 21.697 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

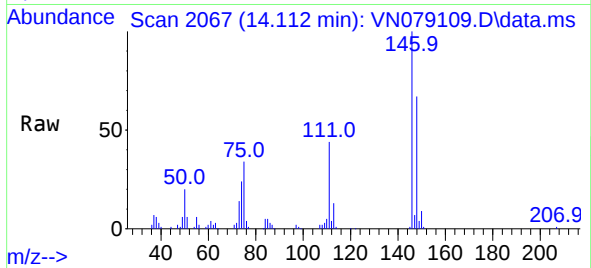
Tgt Ion: 117 Resp: 29039
Ion Ratio Lower Upper
117 100
201 70.8 36.6 109.8



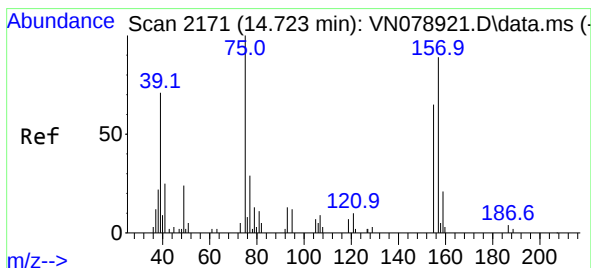
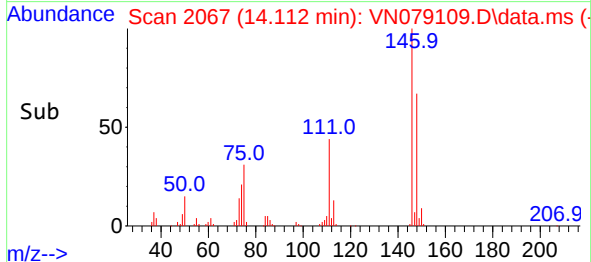
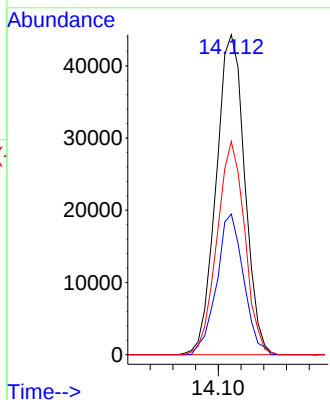


#87
1,2-Dichlorobenzene
Concen: 20.296 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

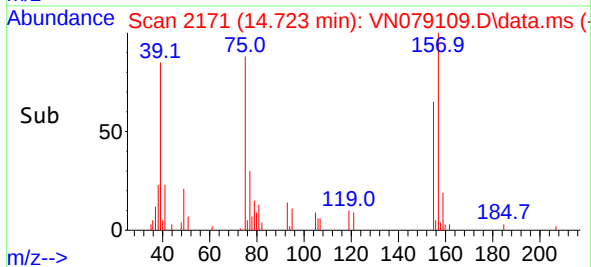
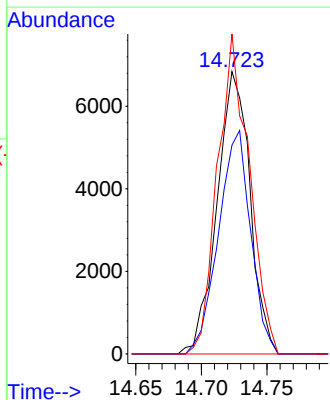
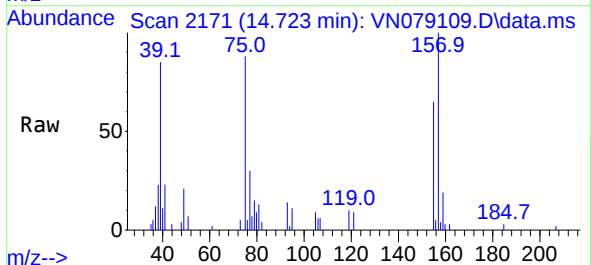


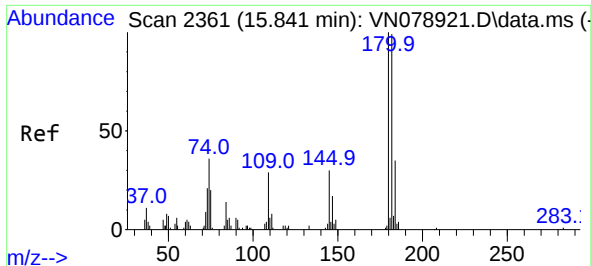
Tgt Ion:146 Resp: 77397
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.8
148 64.7 32.0 96.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.562 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion: 75 Resp: 11928
Ion Ratio Lower Upper
75 100
155 77.4 61.1 91.7
157 109.0 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 16.274 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079109.D

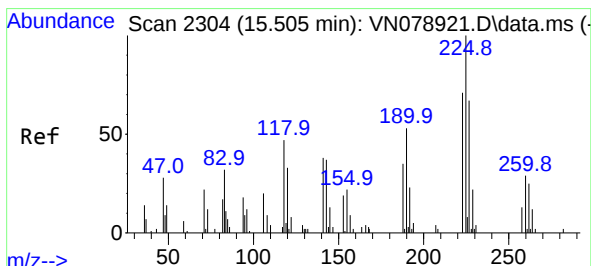
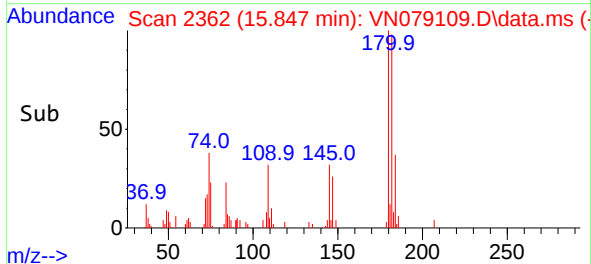
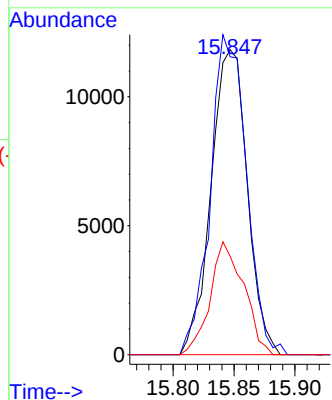
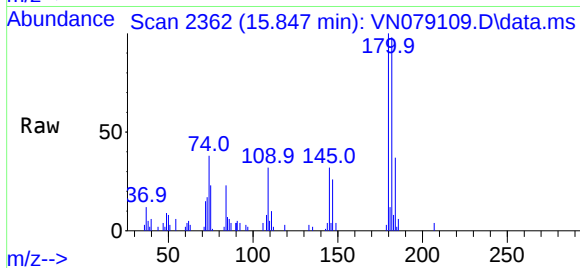
Acq: 30 Aug 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	24509
Ion Ratio	Lower	Upper	
180	100		
182	103.9	76.1	114.1
145	34.3	26.5	39.7



#90

Hexachlorobutadiene

Concen: 19.746 ug/l

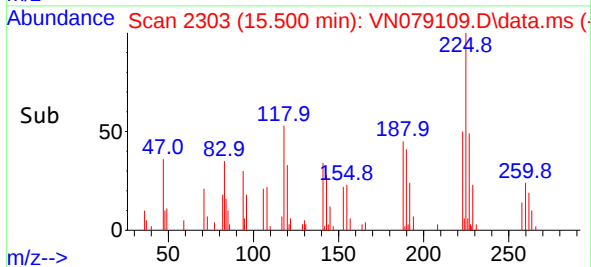
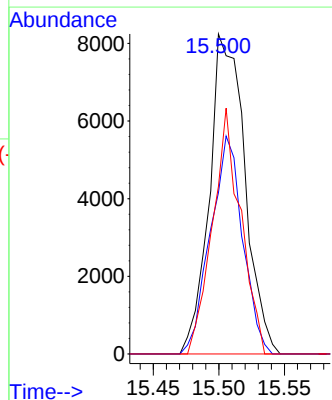
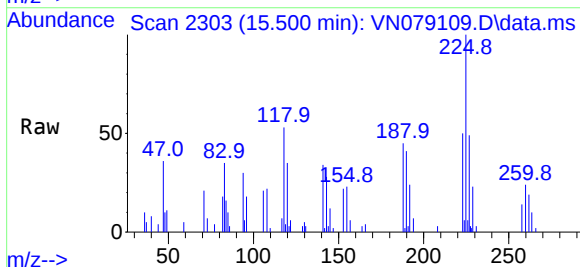
RT: 15.500 min Scan# 2303

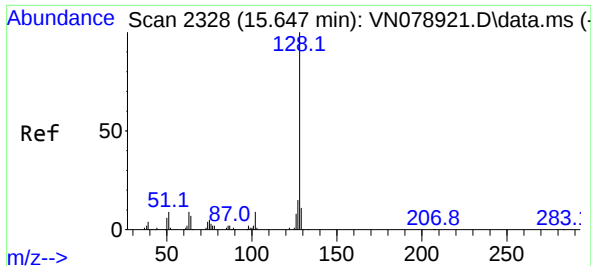
Delta R.T. -0.006 min

Lab File: VN079109.D

Acq: 30 Aug 2023 11:27

Tgt Ion:	225	Resp:	15483
Ion Ratio	Lower	Upper	
225	100		
223	61.9	0.0	124.0
227	61.2	0.0	117.4

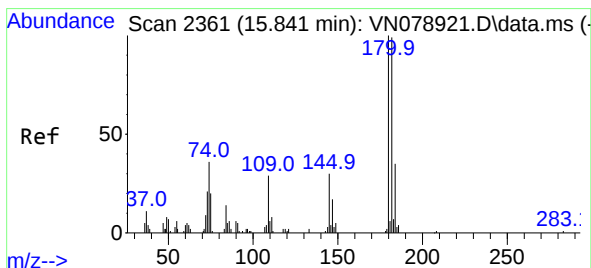
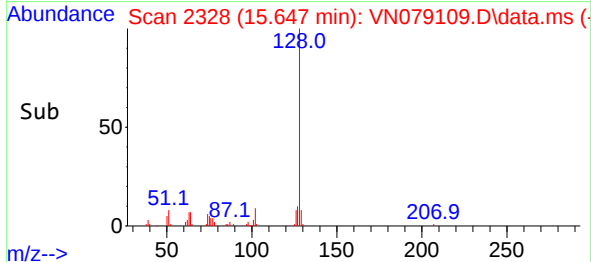
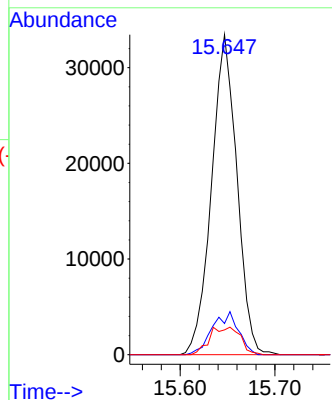
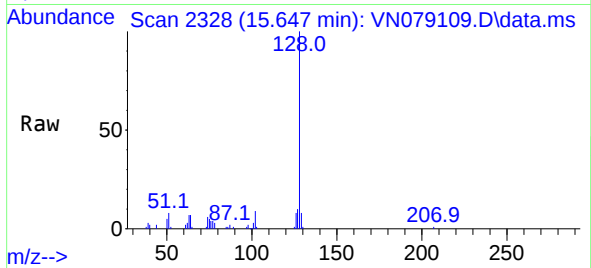




#91
Naphthalene
Concen: 14.357 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	62364
Ion Ratio	Lower	Upper	
128	100		
127	7.7	11.1	16.7#
129	4.3	8.6	13.0#



#92
1,2,3-Trichlorobenzene
Concen: 16.274 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079109.D
Acq: 30 Aug 2023 11:27

Tgt Ion:	180	Resp:	24509
Ion Ratio	Lower	Upper	
180	100		
182	103.9	0.0	190.2
145	34.3	0.0	66.2

