

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079298.D
 Acq On : 19 Sep 2023 12:50
 Operator : JC\MD
 Sample : VN0919WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 15:40:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	49207	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	239295	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	219575	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	113729	30.763	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.533%	
60) 4-Bromofluorobenzene	12.853	95	99342	30.705	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.367%	
63) Toluene-d8	10.570	98	312755	30.478	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	50760	18.496	ug/l	95
3) Chloromethane	2.365	50	60035	21.816	ug/l	98
4) Vinyl Chloride	2.518	62	64552	23.710	ug/l	98
5) Bromomethane	2.959	94	37040	22.166	ug/l	97
6) Chloroethane	3.118	64	44691	26.803	ug/l #	85
7) Trichlorofluoromethane	3.500	101	89730	27.683	ug/l	97
8) Diethyl Ether	3.959	74	31374	26.399	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	48983	27.422	ug/l	95
10) 1,1-Dichloroethene	4.341	96	45333	26.193	ug/l	93
11) Methyl Iodide	4.589	142	50631	23.224	ug/l	92
12) Methyl Acetate	5.024	43	102125	25.319	ug/l	95
13) Acrolein	4.183	56	31673	86.220	ug/l	94
14) Acrylonitrile	5.724	53	127559	107.796	ug/l	95
15) Acetone	4.430	58	43934	142.324	ug/l	92
16) Carbon Disulfide	4.718	76	125911	24.620	ug/l	99
17) Allyl chloride	5.030	41	66749	24.001	ug/l	95
18) Methylene Chloride	5.277	84	58109	25.032	ug/l	88
19) trans-1,2-Dichloroethene	5.794	96	51046	23.573	ug/l	99
20) Diisopropyl ether	6.671	45	174913	21.067	ug/l #	91
21) 1,1-Dichloroethane	6.571	63	105941	21.781	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	61044	18.026	ug/l	91
23) tert-Butyl Alcohol	5.518	59	42412	93.168	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	158083	23.143	ug/l	92
25) Chloroform	7.971	83	110131	18.777	ug/l	98
26) Cyclohexane	8.259	56	77386	17.545	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	78339	20.419	ug/l	98
30) 2-Butanone	7.488	43	184788	95.757	ug/l	97
31) 2,2-Dichloropropane	7.494	77	87915	22.973	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	94372	20.878	ug/l	96
33) Carbon Tetrachloride	8.365	117	80854	20.824	ug/l	98
34) Benzene	8.612	78	231821	19.018	ug/l	98
35) Methacrylonitrile	7.782	41	37520	18.057	ug/l	93
36) 1,2-Dichloroethane	8.677	62	87407	21.742	ug/l	96
37) Trichloroethene	9.353	130	54490	18.912	ug/l	97
38) Methylcyclohexane	9.606	83	74475	19.417	ug/l	97
39) 1,2-Dichloropropane	9.623	63	60199	19.145	ug/l	96
40) Dibromomethane	9.712	93	40617	19.588	ug/l	97
41) Bromodichloromethane	9.894	83	87841	21.251	ug/l #	93
42) Vinyl Acetate	6.612	43	504071	109.989	ug/l	97

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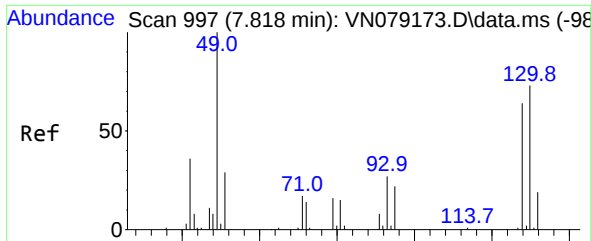
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	78382	21.387	ug/l	99
44) Isopropyl Acetate	8.694	43	119512	18.127	ug/l	95
45) 1,4-Dioxane	9.700	88	21321	324.890	ug/l #	89
46) Methyl methacrylate	9.682	41	58373	19.818	ug/l	90
47) n-amyl Acetate	12.500	43	89192	19.236	ug/l	94
48) t-1,3-Dichloropropene	10.841	75	86985	19.451	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	93754	20.099	ug/l #	91
50) 1,1,2-Trichloroethane	11.018	97	56824	19.534	ug/l	97
51) Ethyl methacrylate	10.876	69	76922	17.122	ug/l	88
52) 1,3-Dichloropropane	11.165	76	98669	19.868	ug/l	99
53) Dibromochloromethane	11.365	129	59273	19.427	ug/l	98
54) 1,2-Dibromoethane	11.470	107	57162	19.351	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	138365	86.677	ug/l	98
56) Bromoform	12.582	173	39064	18.375	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	374174	92.863	ug/l	95
59) 2-Hexanone	11.200	43	270453	95.574	ug/l	94
61) Tetrachloroethene	11.106	164	47822	20.016	ug/l	94
62) Toluene	10.635	91	253629	19.838	ug/l	99
64) Chlorobenzene	11.894	112	147419	19.766	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	56538	19.800	ug/l	98
66) Ethyl Benzene	11.965	91	261060	20.280	ug/l	98
67) m/p-Xylenes	12.076	106	199106	41.107	ug/l	99
68) o-Xylene	12.400	106	94021	20.128	ug/l	97
69) Styrene	12.412	104	151933	20.392	ug/l	97
70) Isopropylbenzene	12.700	105	245806	20.702	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	83333	18.762	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	99001	26.491	ug/l	99
73) Bromobenzene	12.982	156	56477	19.042	ug/l	99
74) n-propylbenzene	13.041	91	286313	21.164	ug/l	99
75) 2-Chlorotoluene	13.129	91	176667	20.366	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	203010	20.678	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	22274	16.928	ug/l	82
78) 4-Chlorotoluene	13.223	91	170229	20.783	ug/l	96
79) tert-butylbenzene	13.441	119	162199	20.128	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	203783	21.735	ug/l	97
81) sec-Butylbenzene	13.617	105	229446	20.810	ug/l	99
82) p-Isopropyltoluene	13.735	119	185703	21.323	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	94421	20.046	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	89492	20.258	ug/l	98
85) n-Butylbenzene	14.059	91	143869	21.689	ug/l	98
86) Hexachloroethane	14.335	117	37139	21.538	ug/l	92
87) 1,2-Dichlorobenzene	14.111	146	93165	20.043	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13117	17.472	ug/l	87
89) 1,2,4-Trichlorobenzene	15.847	180	33174	16.678	ug/l	99
90) Hexachlorobutadiene	15.505	225	24912	20.619	ug/l	96
91) Naphthalene	15.647	128	70614	13.585	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	33174	16.678	ug/l	99

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

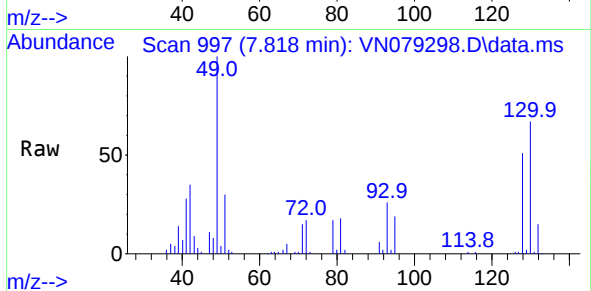
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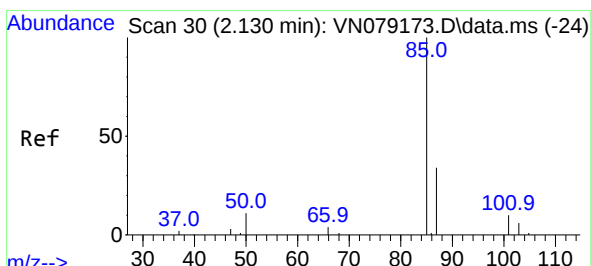
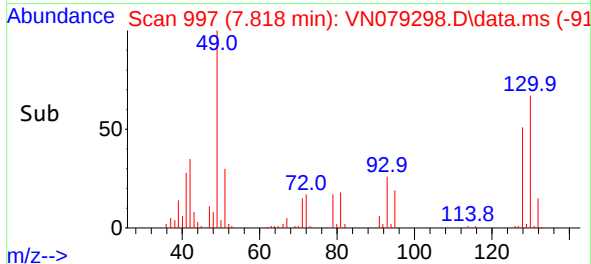
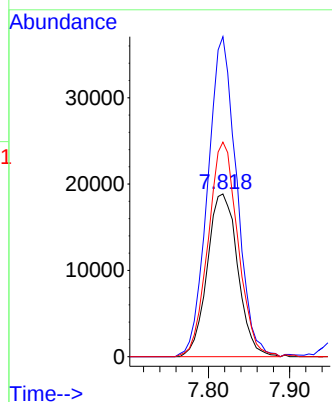


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
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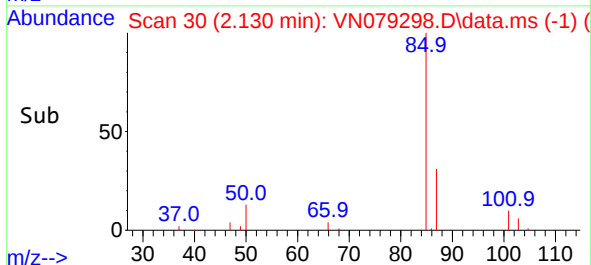
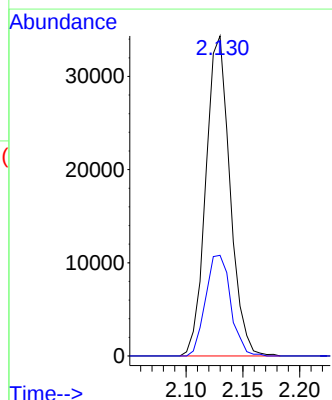
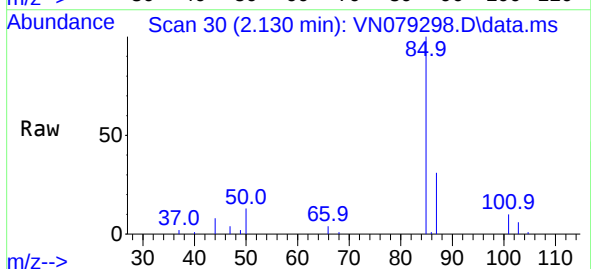


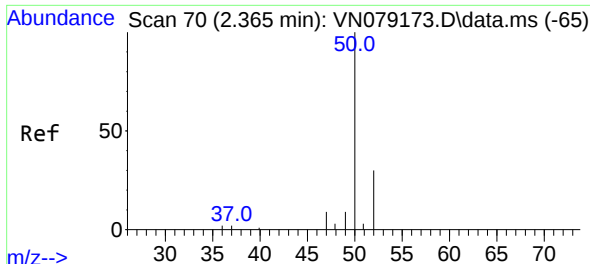
Tgt Ion:128 Resp: 49207
Ion Ratio Lower Upper
128 100
49 186.1 0.0 414.3
130 128.8 0.0 311.0



#2
Dichlorodifluoromethane
Concen: 18.496 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 85 Resp: 50760
Ion Ratio Lower Upper
85 100
87 31.4 17.3 51.7

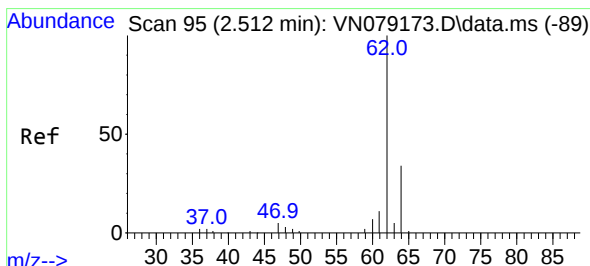
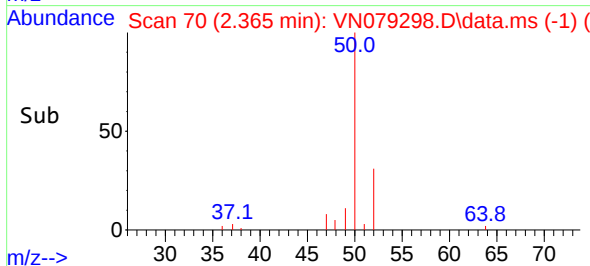
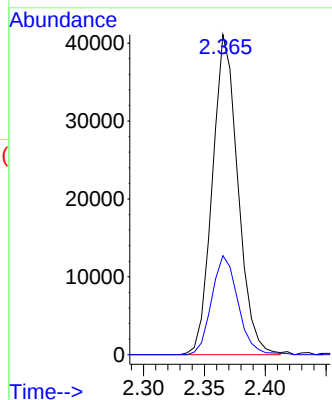
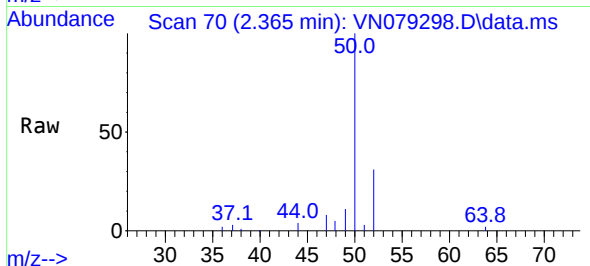




#3
Chloromethane
Concen: 21.816 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

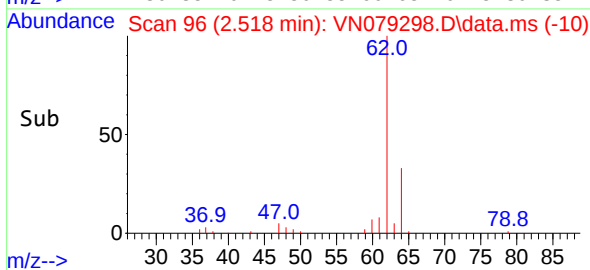
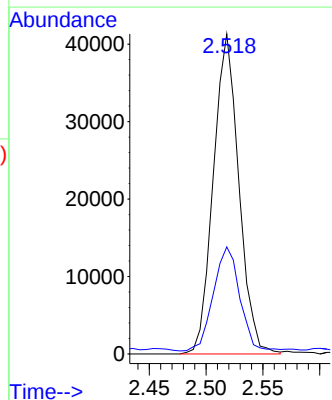
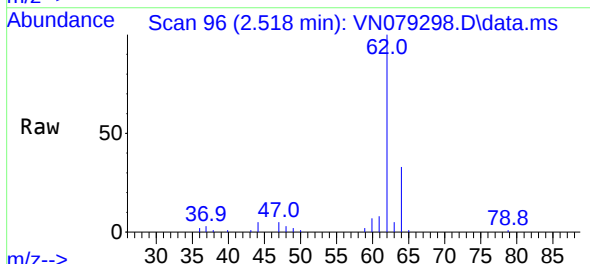
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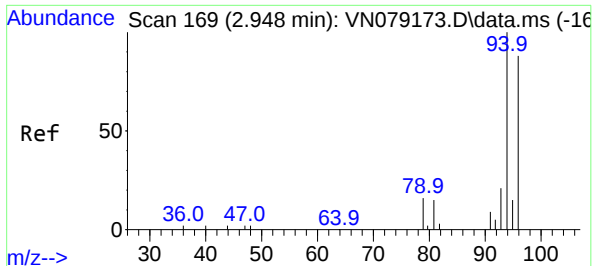
Tgt Ion: 50 Resp: 60035
Ion Ratio Lower Upper
50 100
52 31.0 24.0 36.0



#4
Vinyl Chloride
Concen: 23.710 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 62 Resp: 64552
Ion Ratio Lower Upper
62 100
64 32.5 27.1 40.7

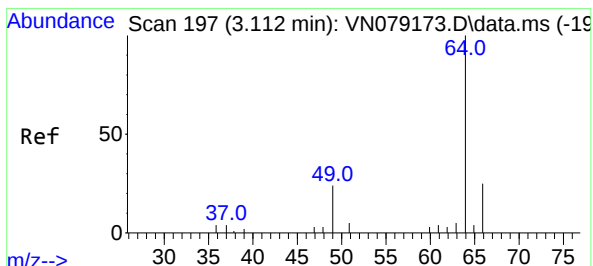
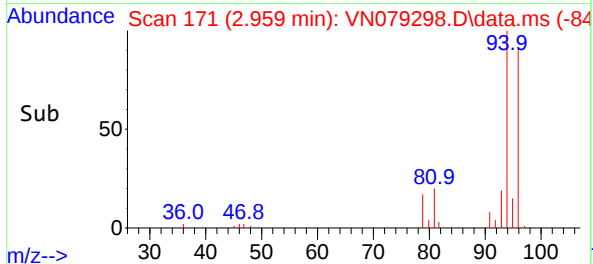
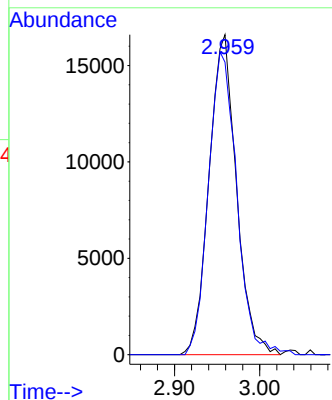
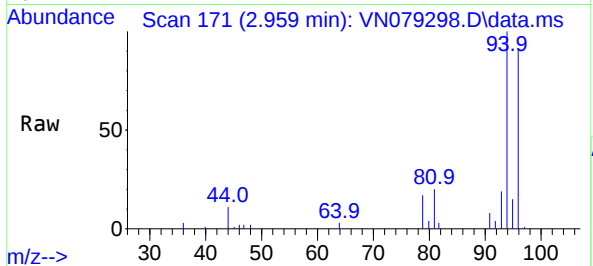




#5
Bromomethane
Concen: 22.166 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

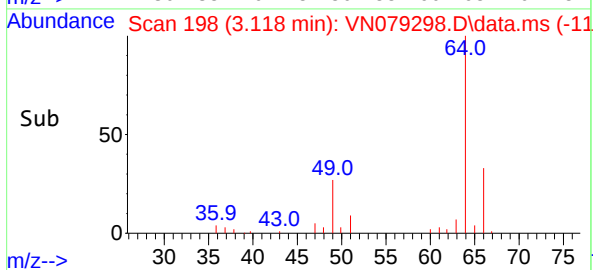
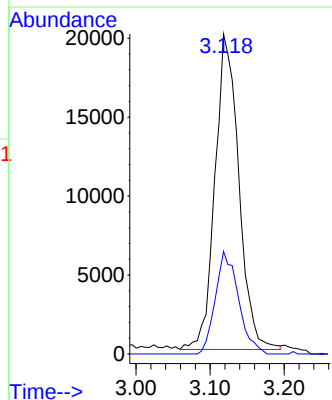
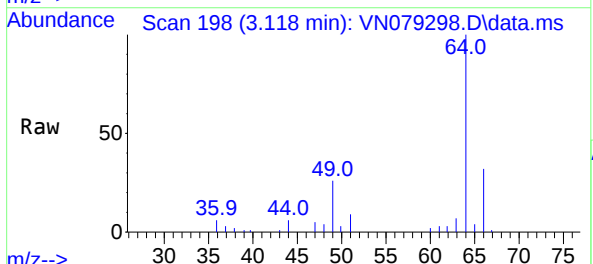
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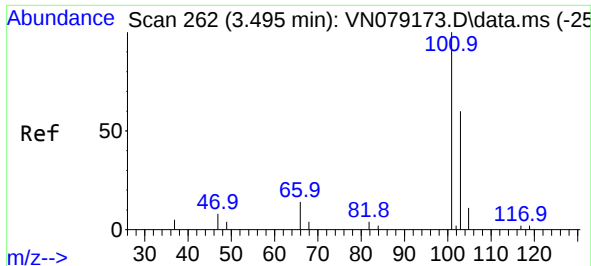
Tgt Ion: 94 Resp: 37040
Ion Ratio Lower Upper
94 100
96 91.4 70.6 105.8



#6
Chloroethane
Concen: 26.803 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 64 Resp: 44691
Ion Ratio Lower Upper
64 100
66 32.5 20.1 30.1#

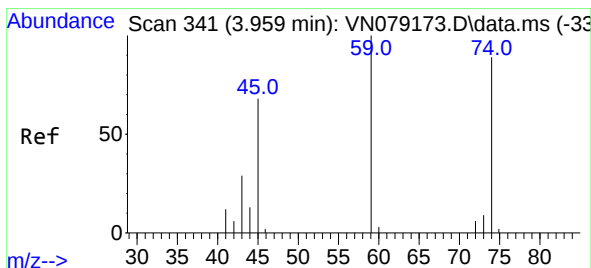
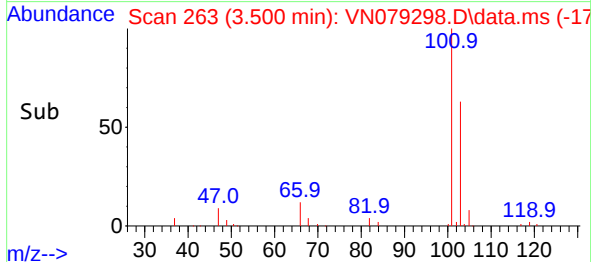
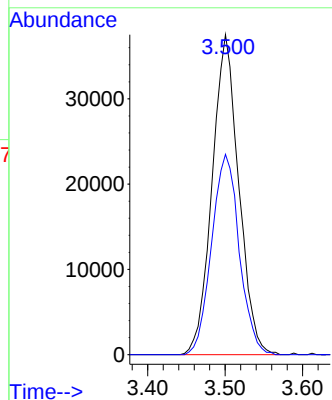
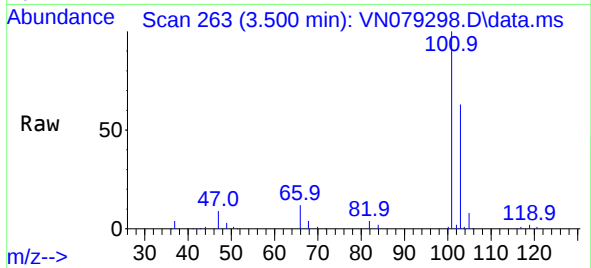




#7
Trichlorofluoromethane
Concen: 27.683 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.005 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

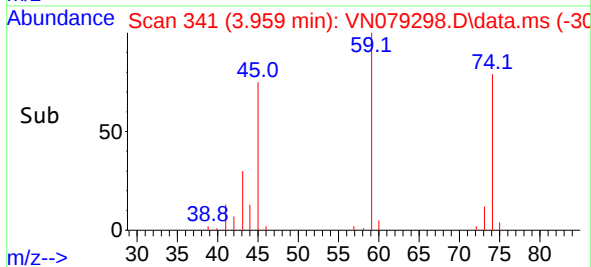
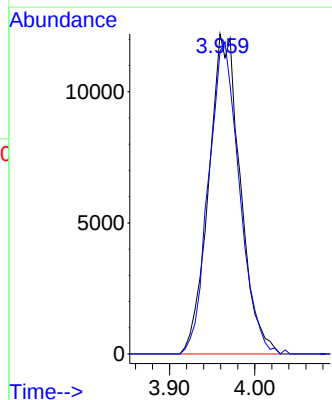
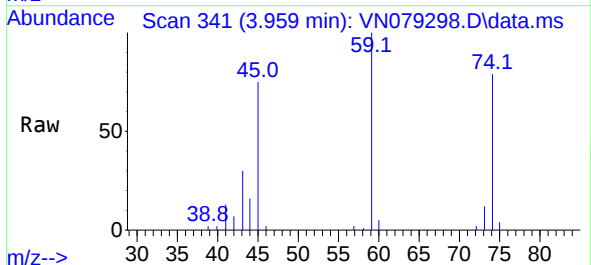
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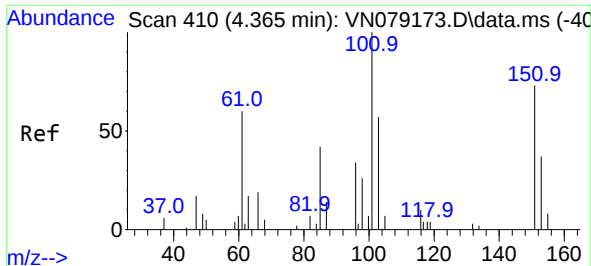
Tgt Ion:101 Resp: 89730
Ion Ratio Lower Upper
101 100
103 62.6 48.2 72.4



#8
Diethyl Ether
Concen: 26.399 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 74 Resp: 31374
Ion Ratio Lower Upper
74 100
45 95.2 17.6 158.0

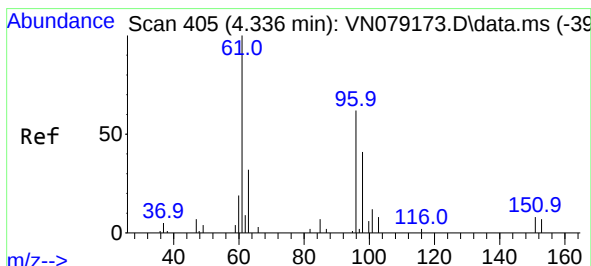
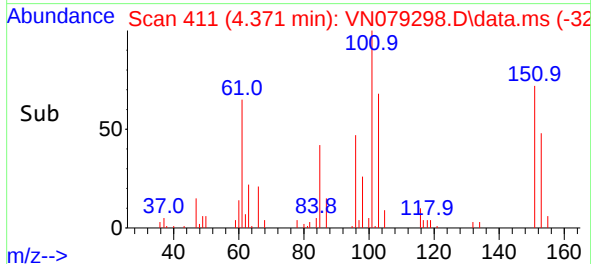
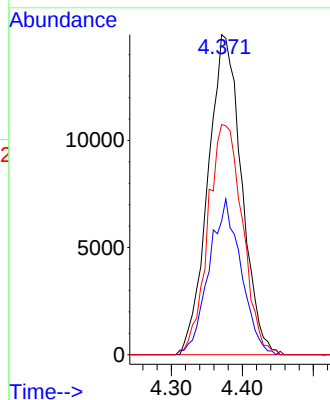
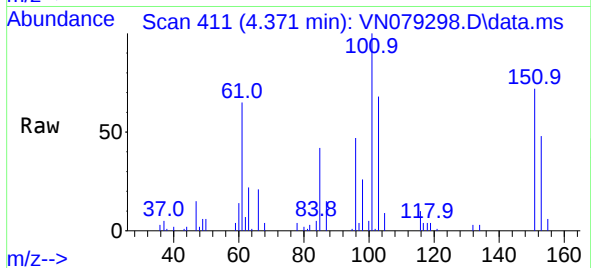




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.422 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079298.D
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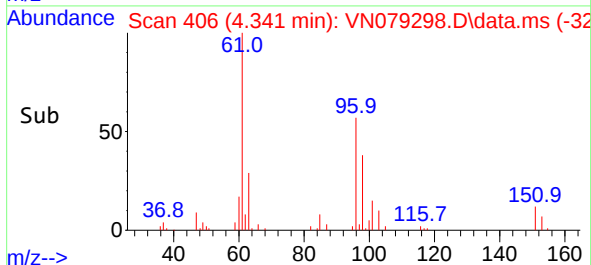
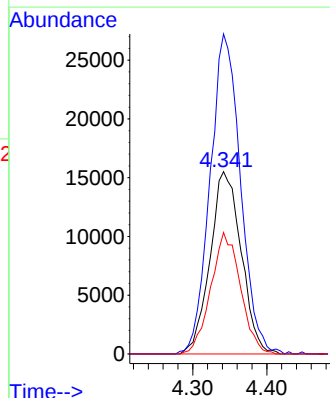
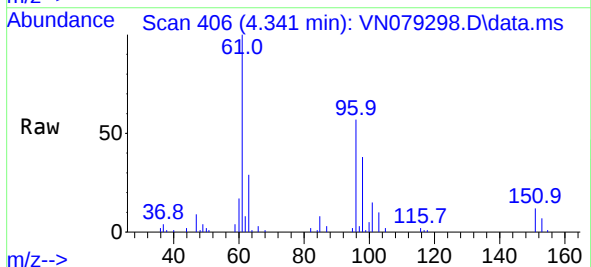
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ClientSampleId :

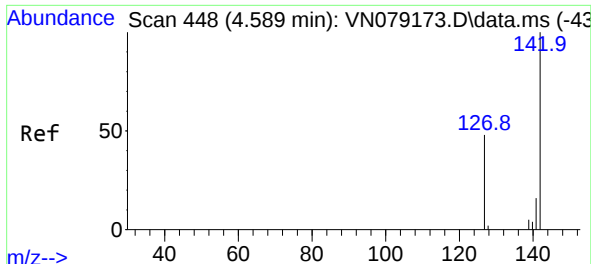
Tgt Ion:101 Resp: 48983
Ion Ratio Lower Upper
101 100
85 46.4 0.0 85.6
151 74.3 0.0 155.8



#10
1,1-Dichloroethene
Concen: 26.193 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

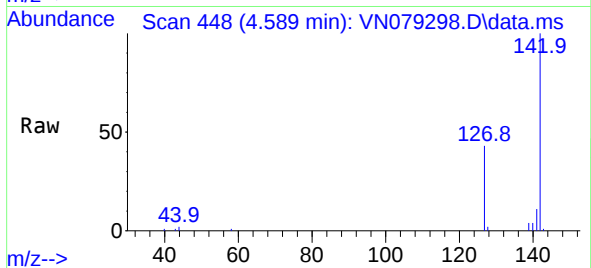
Tgt Ion: 96 Resp: 45333
Ion Ratio Lower Upper
96 100
61 174.2 130.2 195.2
98 66.7 52.3 78.5



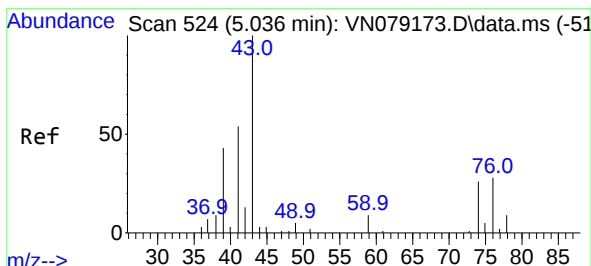
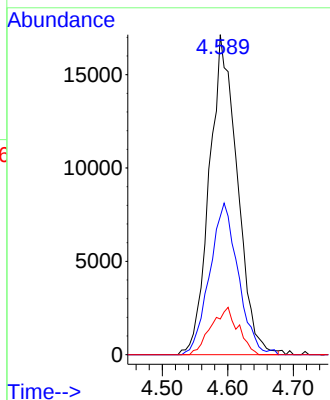
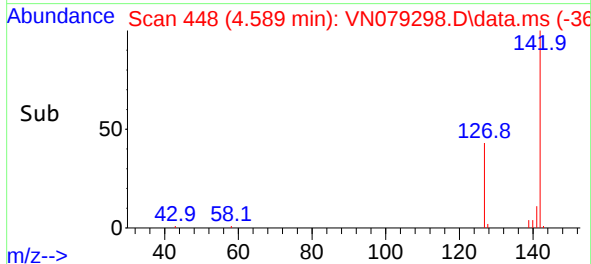


#11
Methyl Iodide
Concen: 23.224 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

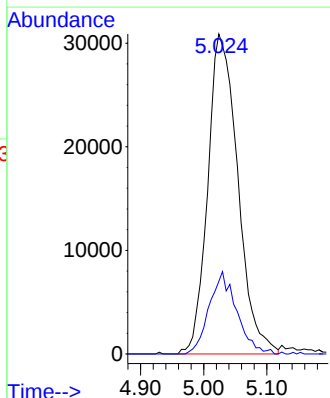
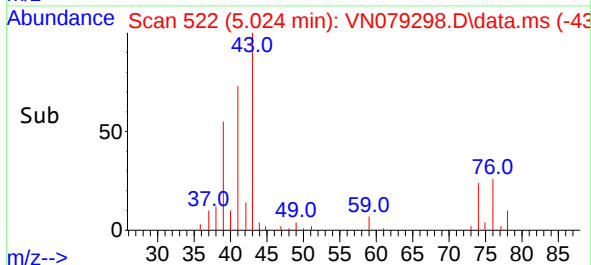
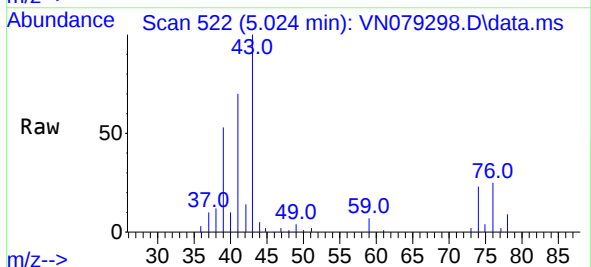


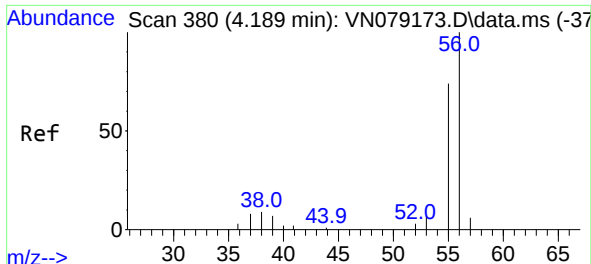
Tgt Ion:142 Resp: 50631
Ion Ratio Lower Upper
142 100
127 43.5 23.8 71.4
141 11.2 8.2 24.6



#12
Methyl Acetate
Concen: 25.319 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 43 Resp: 102125
Ion Ratio Lower Upper
43 100
74 22.9 20.4 30.6

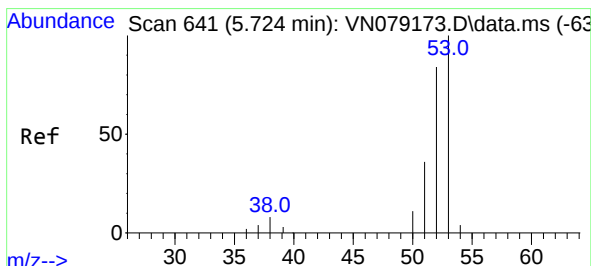
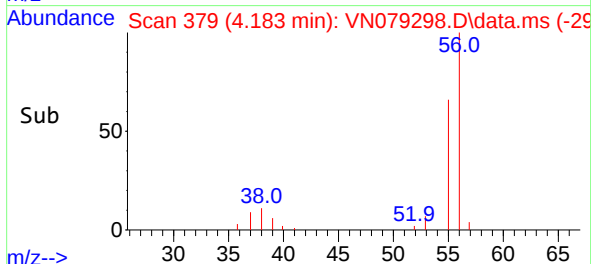
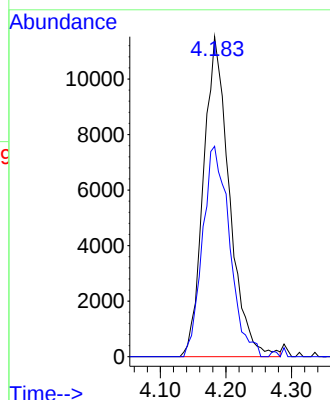
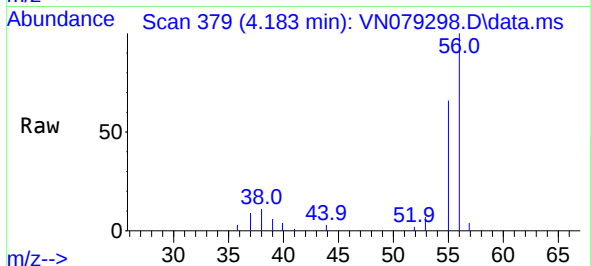




#13
Acrolein
Concen: 86.220 ug/l
RT: 4.183 min Scan# 31673
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

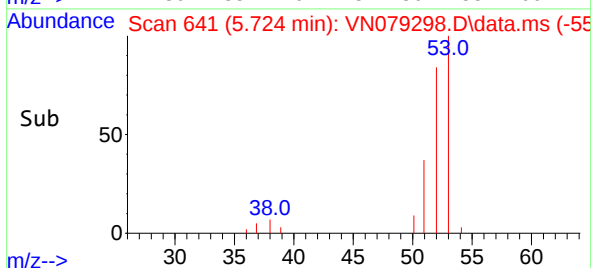
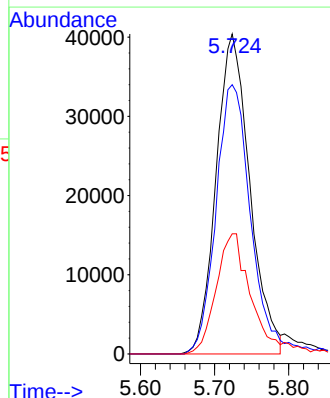
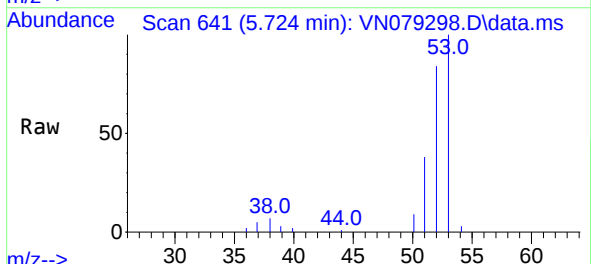
Instrument :
MSVOA_N
ClientSampleId :

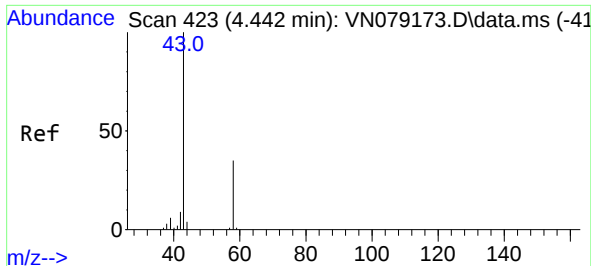
Tgt Ion: 56 Resp: 31673
Ion Ratio Lower Upper
56 100
55 67.3 57.7 86.5



#14
Acrylonitrile
Concen: 107.796 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 53 Resp: 127559
Ion Ratio Lower Upper
53 100
52 87.2 41.4 124.4
51 37.7 17.3 51.9





#15

Acetone

Concen: 142.324 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Instrument :

MSVOA_N

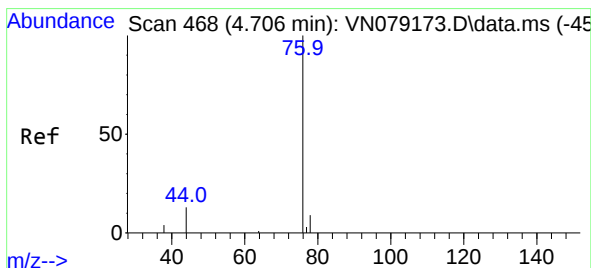
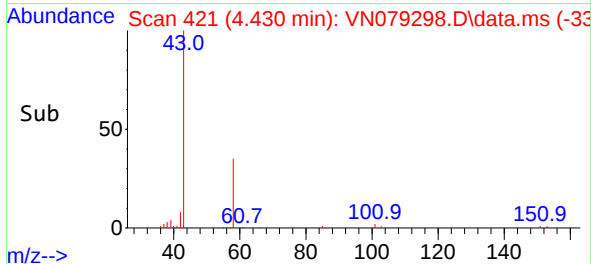
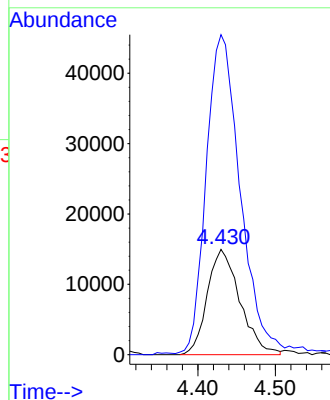
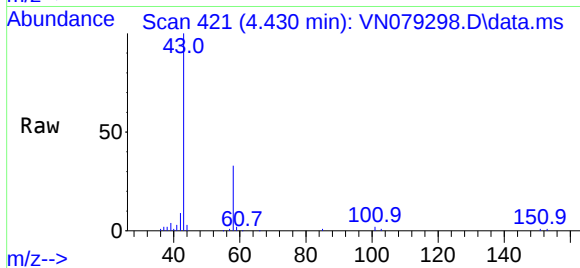
ClientSampleId :

Tgt Ion: 58 Resp: 43934

Ion Ratio Lower Upper

58 100

43 301.3 228.3 342.5



#16

Carbon Disulfide

Concen: 24.620 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN079298.D

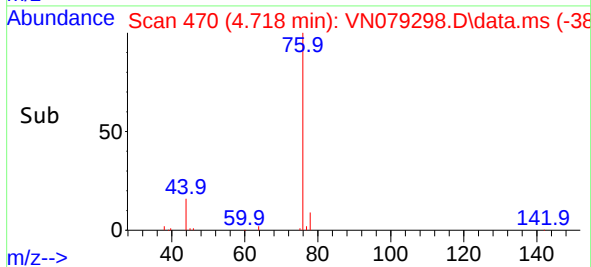
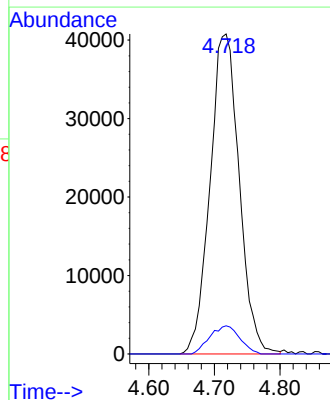
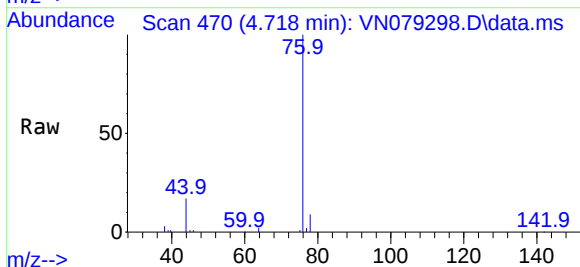
Acq: 19 Sep 2023 12:50

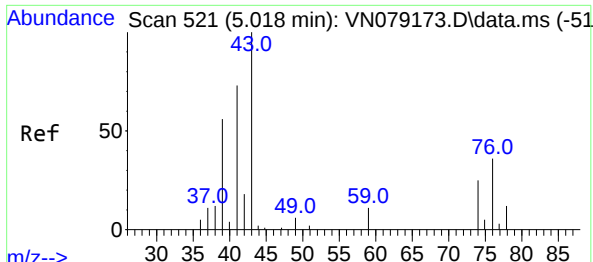
Tgt Ion: 76 Resp: 125911

Ion Ratio Lower Upper

76 100

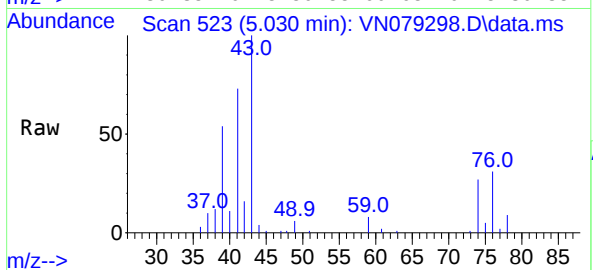
78 8.8 6.9 10.3





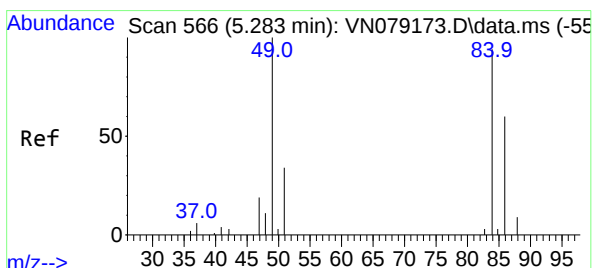
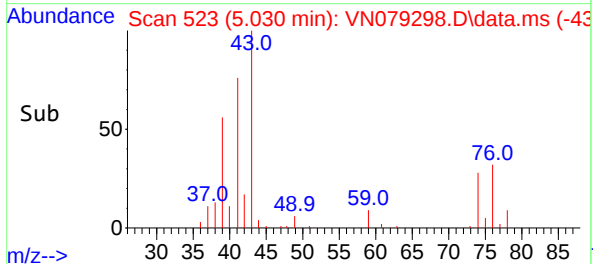
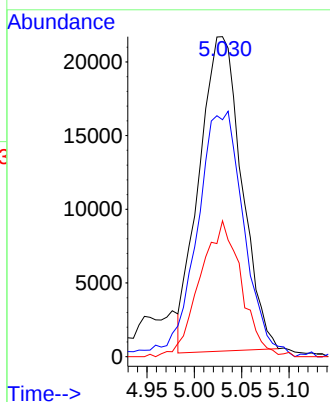
#17
 Allyl chloride
 Concen: 24.001 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079298.D
 Acq: 19 Sep 2023 12:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 41 Resp: 66749

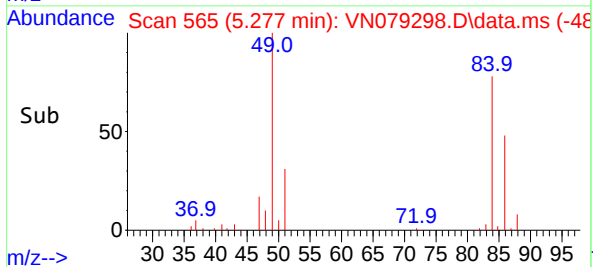
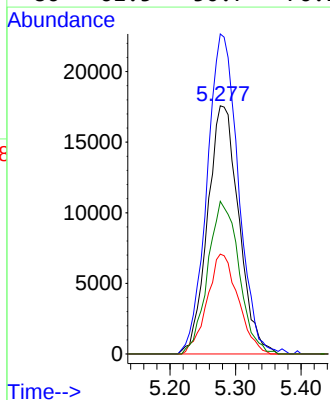
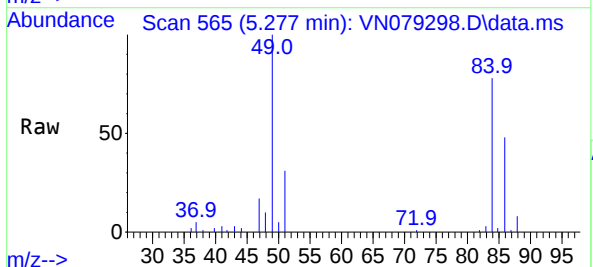
Ion	Ratio	Lower	Upper
41	100		
39	72.6	38.3	114.8
76	42.8	23.7	71.1

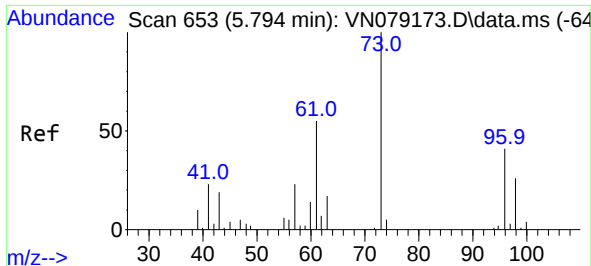


#18
 Methylene Chloride
 Concen: 25.032 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079298.D
 Acq: 19 Sep 2023 12:50

Tgt Ion: 84 Resp: 58109

Ion	Ratio	Lower	Upper
84	100		
49	128.9	86.9	130.3
51	40.2	28.6	43.0
86	61.5	50.7	76.1





#19

trans-1,2-Dichloroethene

Concen: 23.573 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

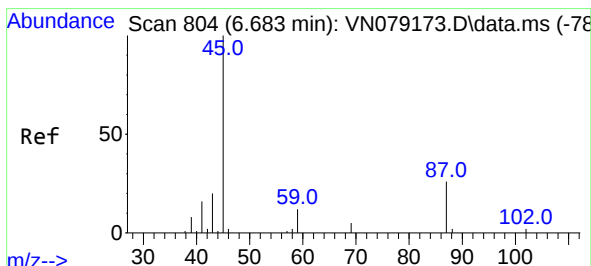
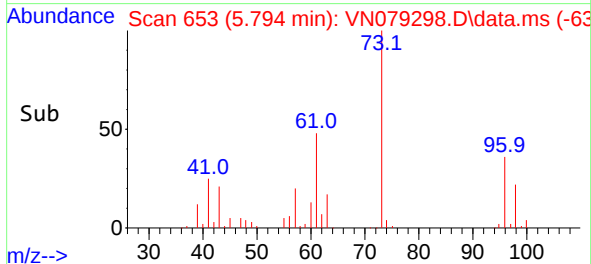
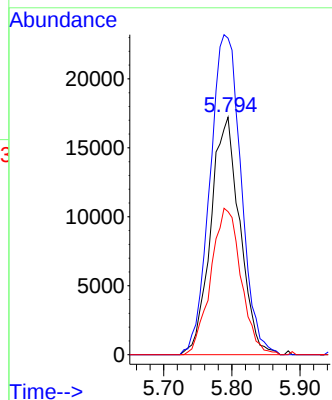
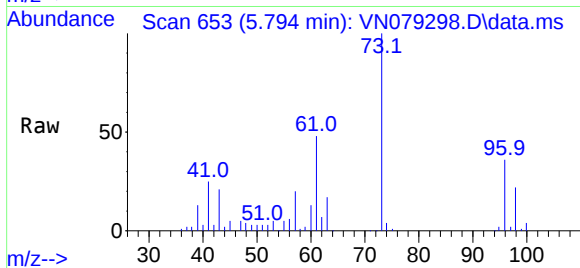
Tgt Ion: 96 Resp: 51046

Ion Ratio Lower Upper

96 100

61 133.3 106.6 159.8

98 60.2 51.0 76.4



#20

Diisopropyl ether

Concen: 21.067 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.012 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Tgt Ion: 45 Resp: 174913

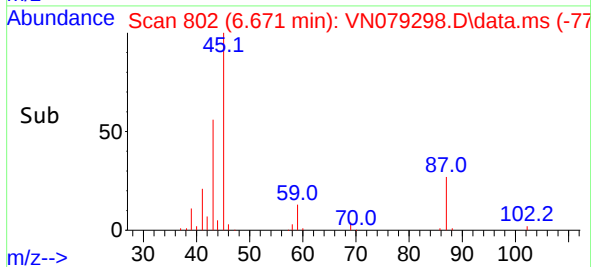
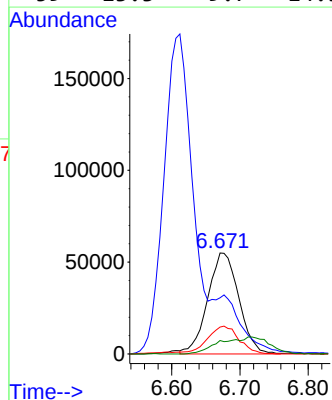
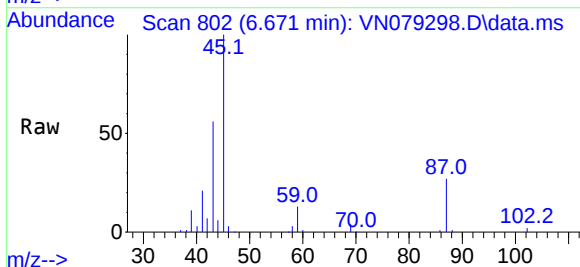
Ion Ratio Lower Upper

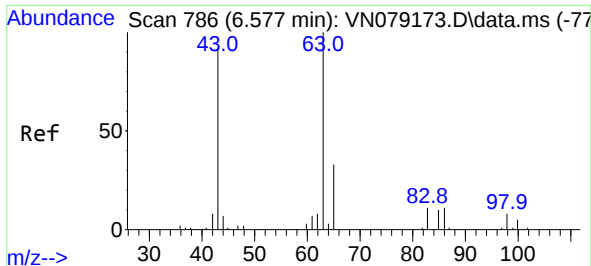
45 100

43 53.4 34.9 52.3#

87 26.8 21.5 32.3

59 13.3 9.7 14.5

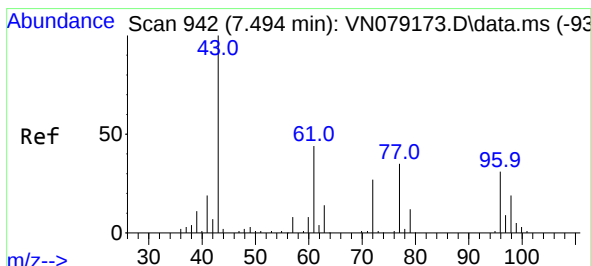
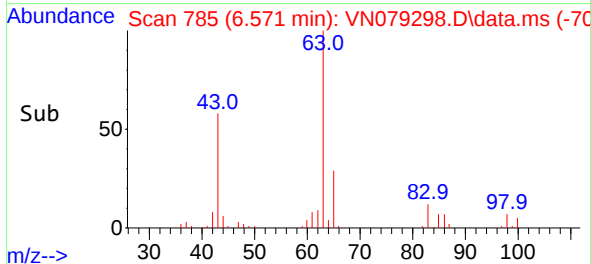
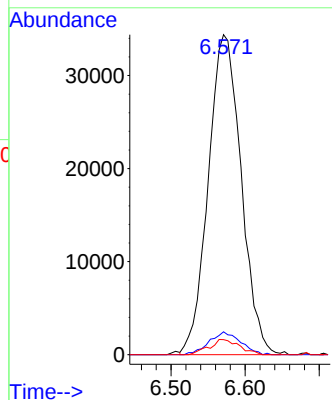
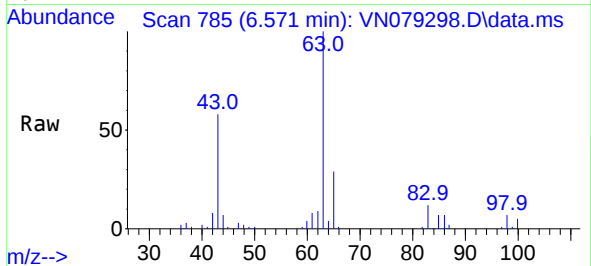




#21
1,1-Dichloroethane
Concen: 21.781 ug/l
RT: 6.571 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

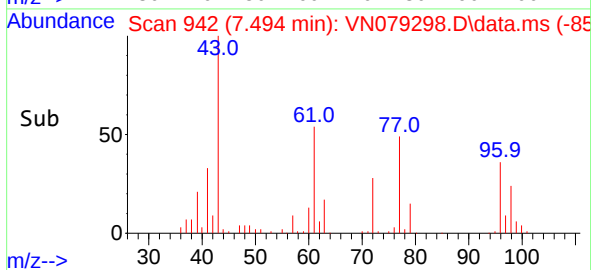
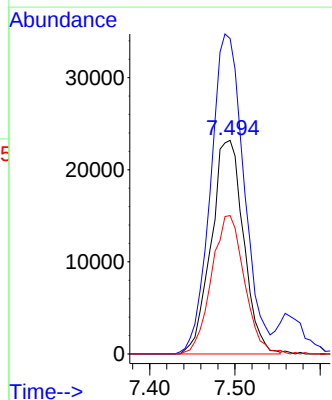
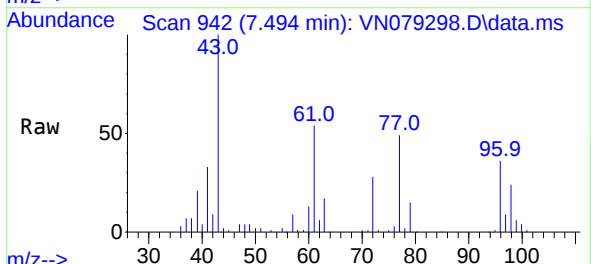
Instrument :
MSVOA_N
ClientSampleId :

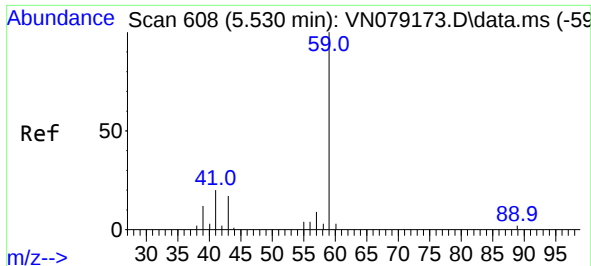
Tgt Ion: 63 Resp: 105941
Ion Ratio Lower Upper
63 100
98 7.2 3.9 11.5
100 4.7 2.5 7.5



#22
cis-1,2-Dichloroethene
Concen: 18.026 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 96 Resp: 61044
Ion Ratio Lower Upper
96 100
61 155.0 113.0 169.6
98 65.4 50.2 75.4

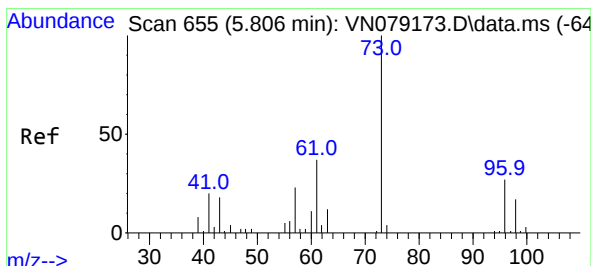
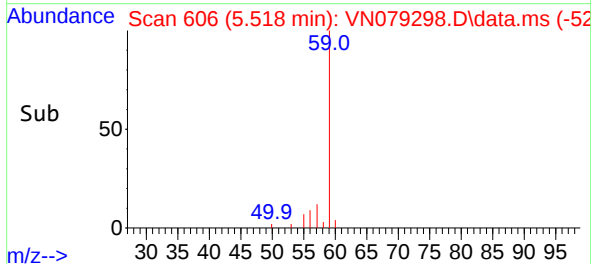
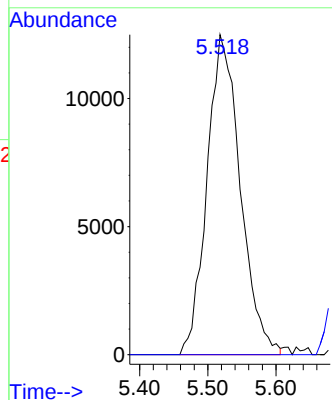
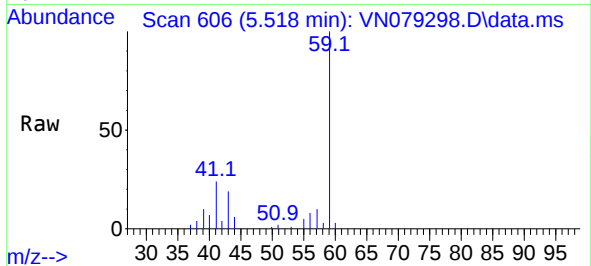




#23
tert-Butyl Alcohol
Concen: 93.168 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

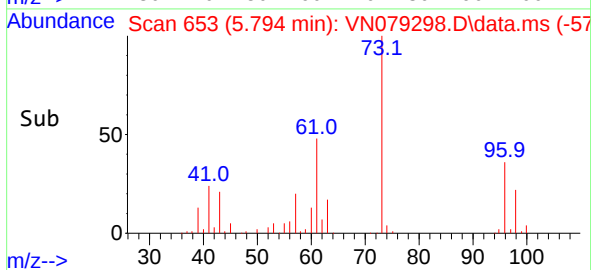
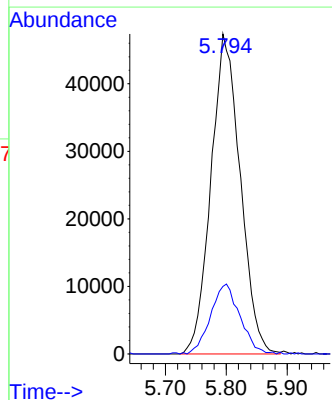
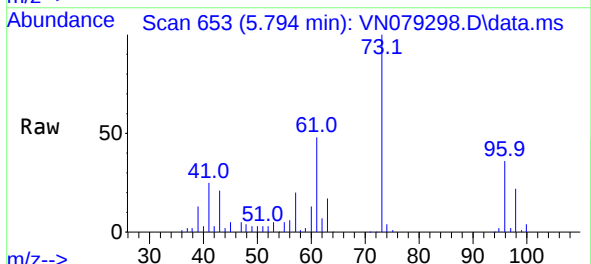
Instrument :
MSVOA_N
ClientSampleId :

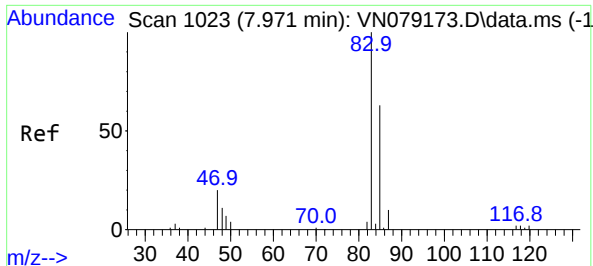
Tgt Ion: 59 Resp: 42412
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 23.143 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 73 Resp: 158083
Ion Ratio Lower Upper
73 100
43 21.8 14.7 22.1

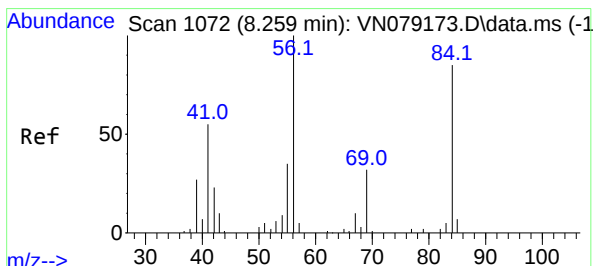
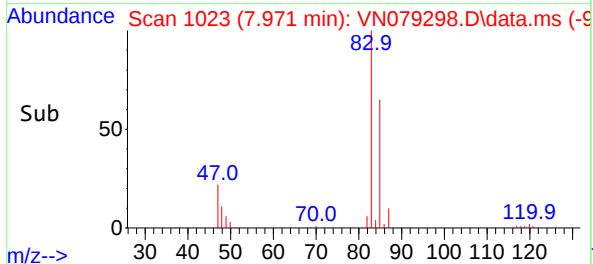
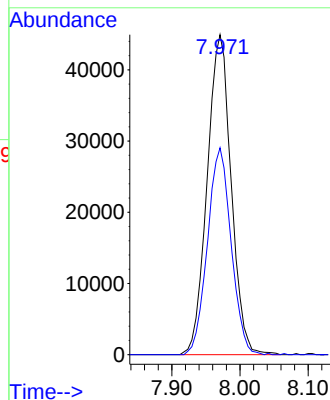
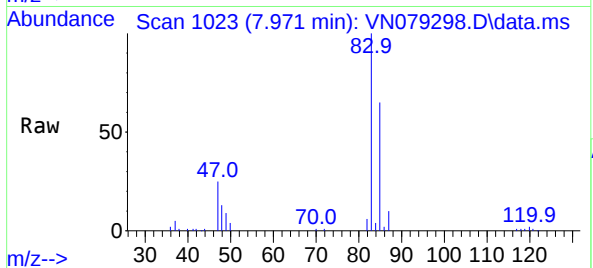




#25
Chloroform
Concen: 18.777 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

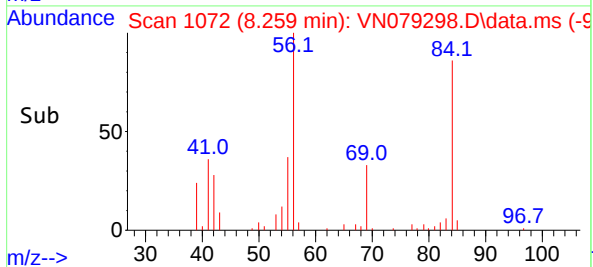
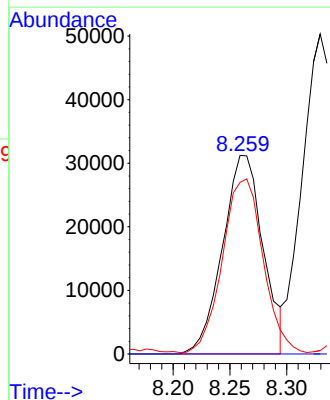
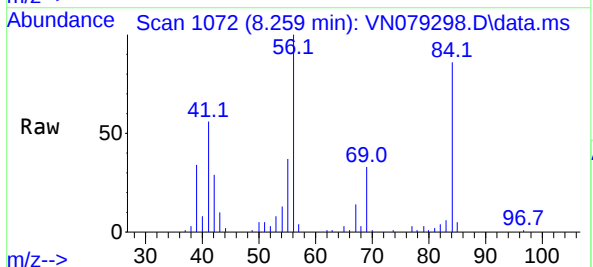
Instrument :
MSVOA_N
ClientSampleId :

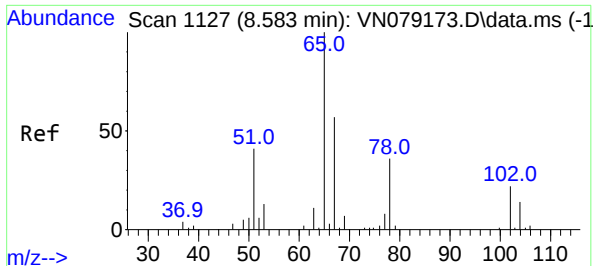
Tgt Ion: 83 Resp: 110131
Ion Ratio Lower Upper
83 100
85 64.6 50.6 76.0



#26
Cyclohexane
Concen: 17.545 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 56 Resp: 77386
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.2 71.1 106.7

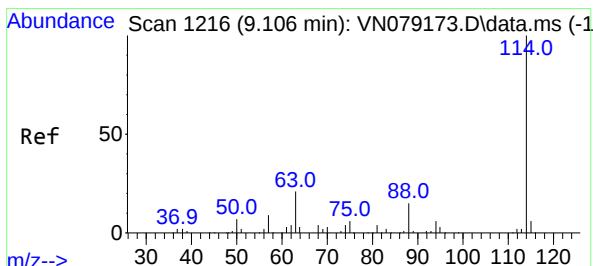
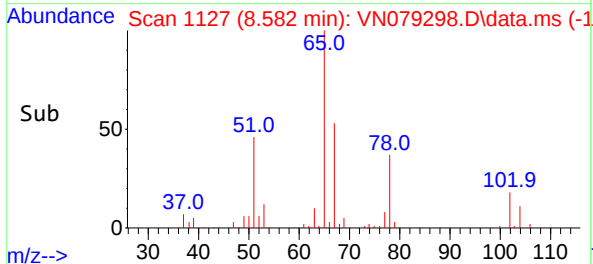
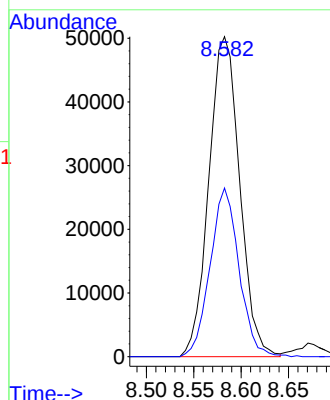
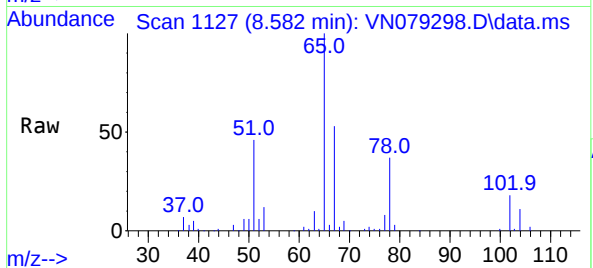




#27
1,2-Dichloroethane-d4
Concen: 30.763 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

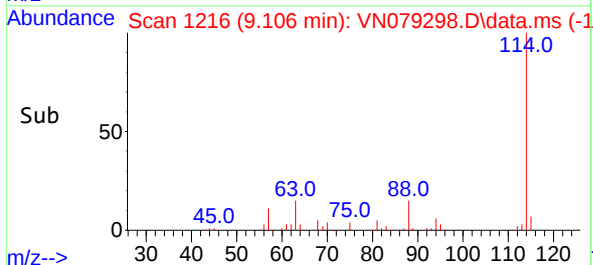
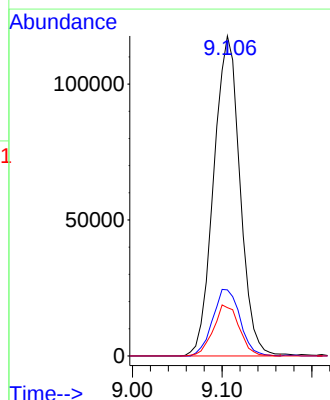
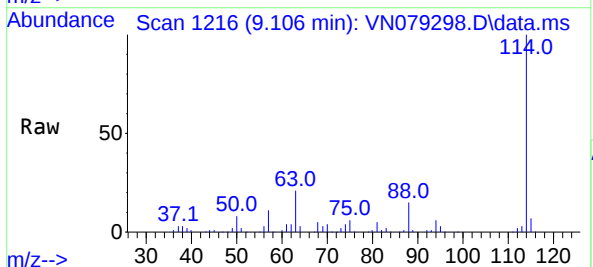
Instrument :
MSVOA_N
ClientSampleId :

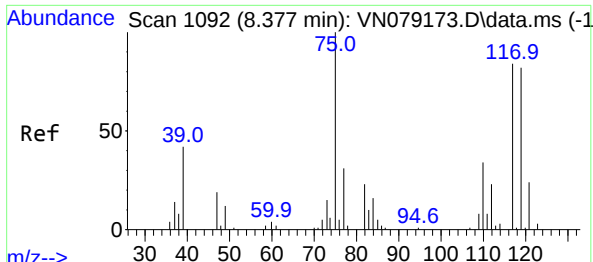
Tgt Ion: 65 Resp: 113729
Ion Ratio Lower Upper
65 100
67 49.3 44.4 66.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

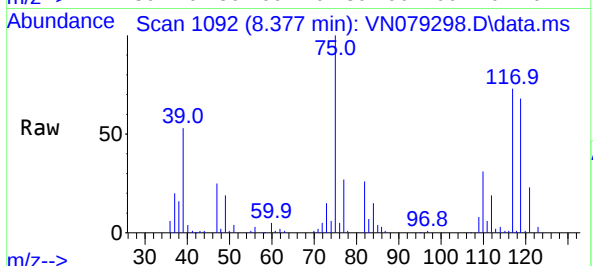
Tgt Ion: 114 Resp: 239295
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 15.7 12.8 19.2



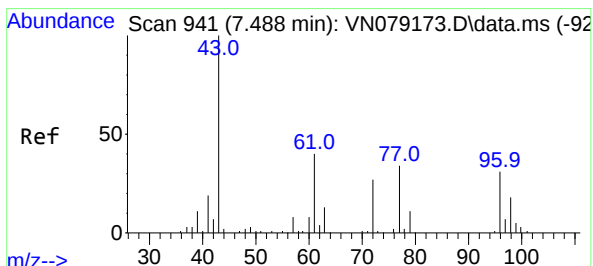
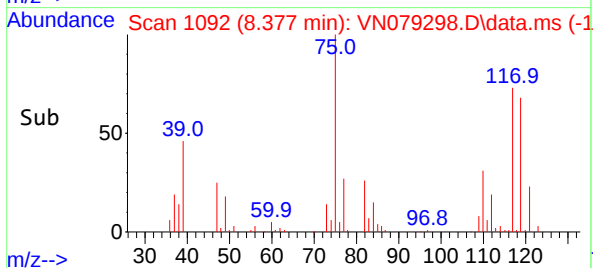
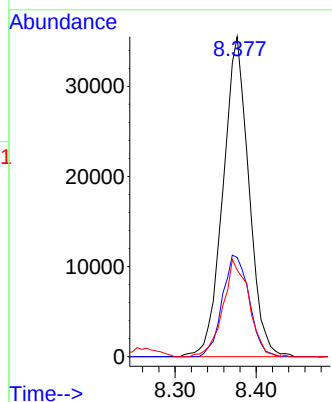


#29
1,1-Dichloropropene
Concen: 20.419 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

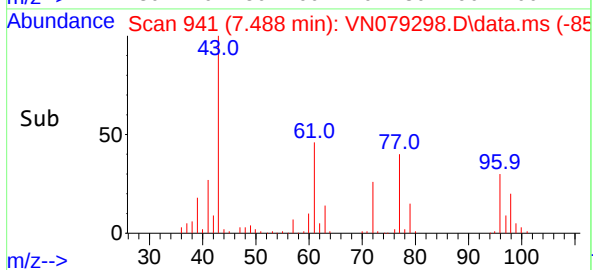
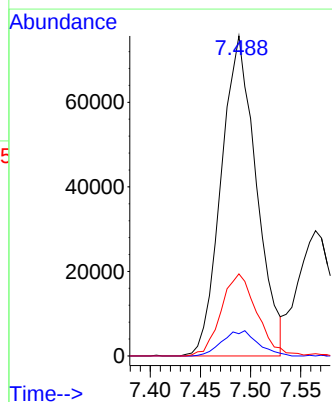
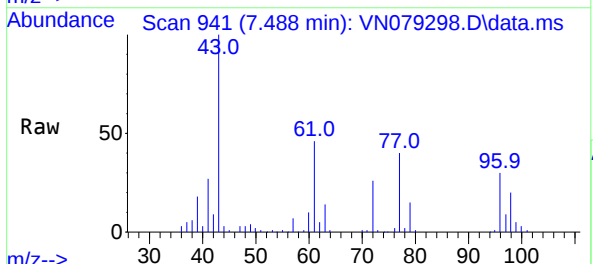


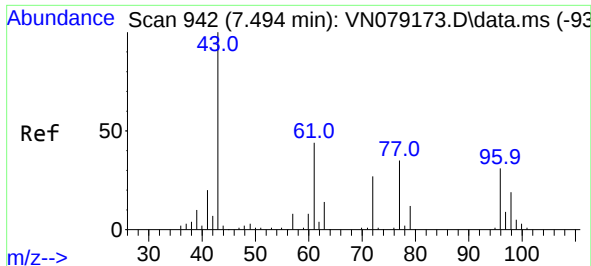
Tgt Ion: 75 Resp: 78339
Ion Ratio Lower Upper
75 100
110 33.0 0.0 68.4
77 30.7 0.0 63.2



#30
2-Butanone
Concen: 95.757 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 43 Resp: 184788
Ion Ratio Lower Upper
43 100
57 8.0 6.8 10.2
72 25.9 22.4 33.6

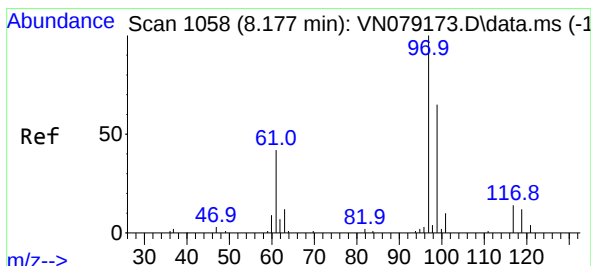
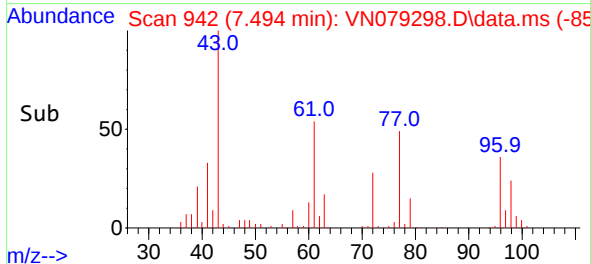
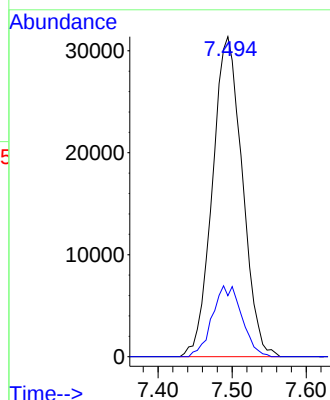
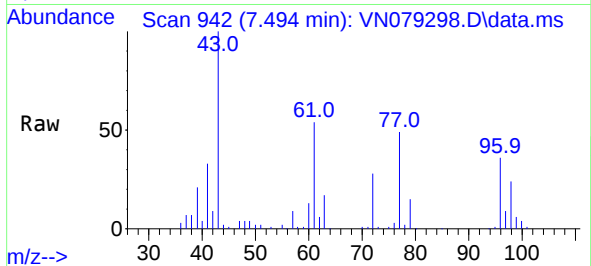




#31
2,2-Dichloropropane
Concen: 22.973 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

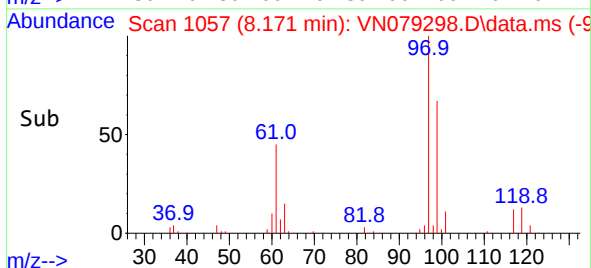
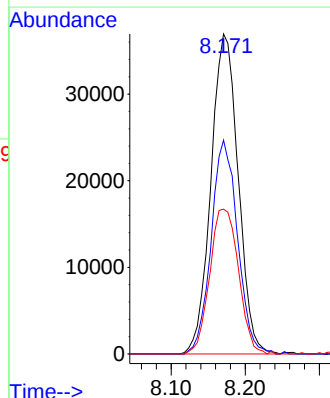
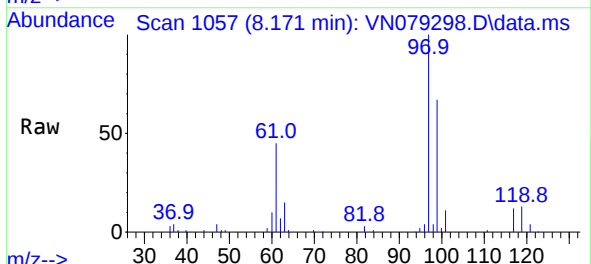
Instrument :
MSVOA_N
ClientSampleId :

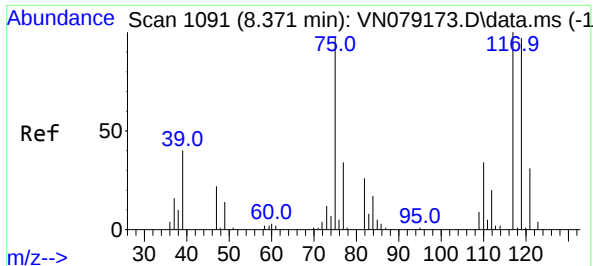
Tgt Ion: 77 Resp: 87915
Ion Ratio Lower Upper
77 100
97 21.9 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 20.878 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 97 Resp: 94372
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 47.7 33.4 50.0

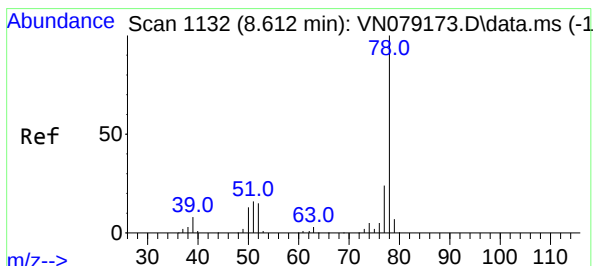
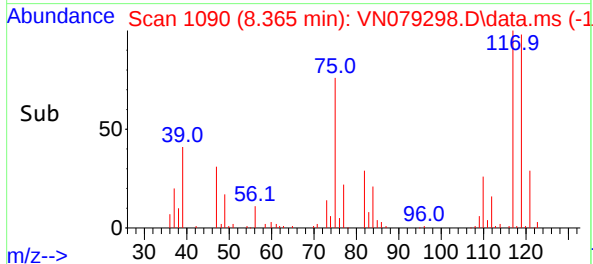
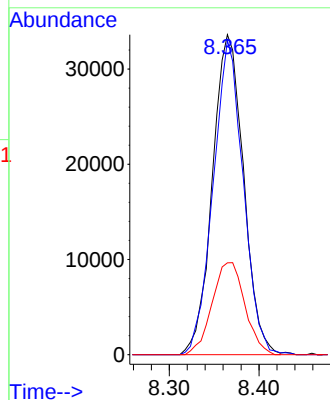
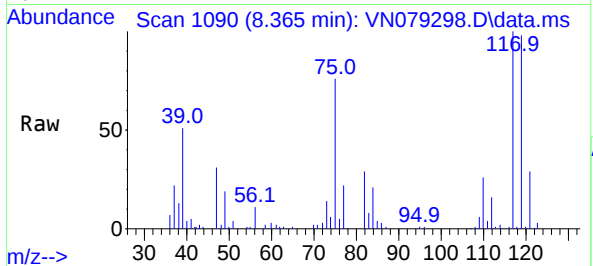




#33
Carbon Tetrachloride
Concen: 20.824 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

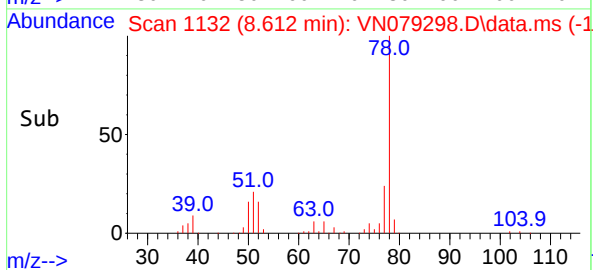
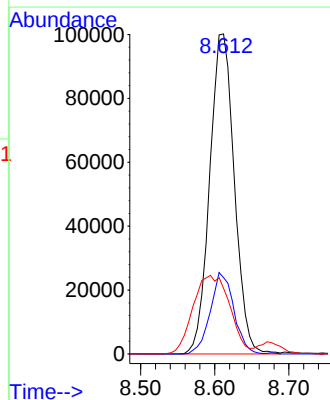
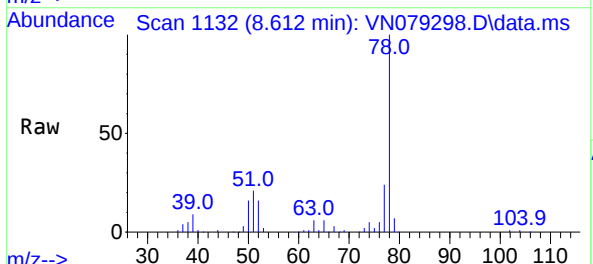
Instrument :
MSVOA_N
ClientSampleId :

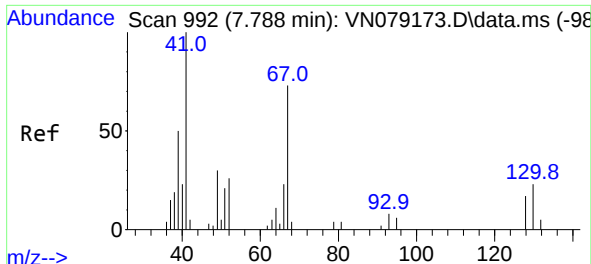
Tgt Ion:117 Resp: 80854
Ion Ratio Lower Upper
117 100
119 98.2 77.9 116.9
121 28.7 25.1 37.7



#34
Benzene
Concen: 19.018 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

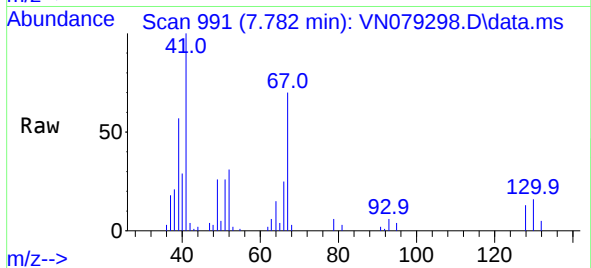
Tgt Ion: 78 Resp: 231821
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3
51 18.1 13.1 19.7





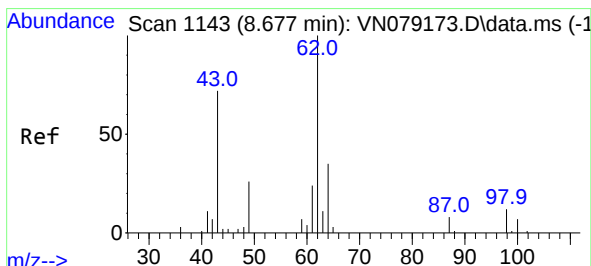
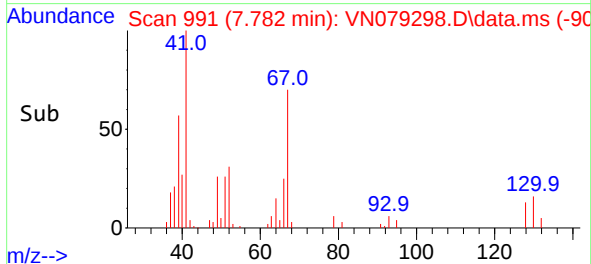
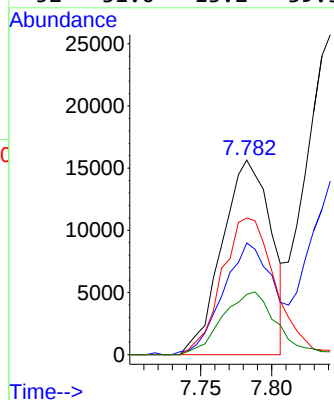
#35
Methacrylonitrile
Concen: 18.057 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 37520

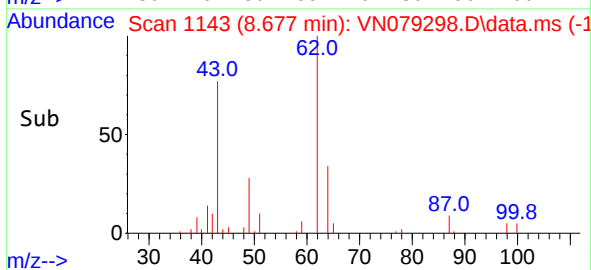
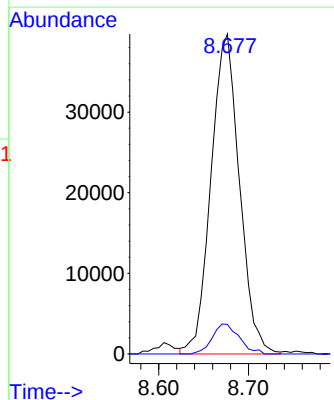
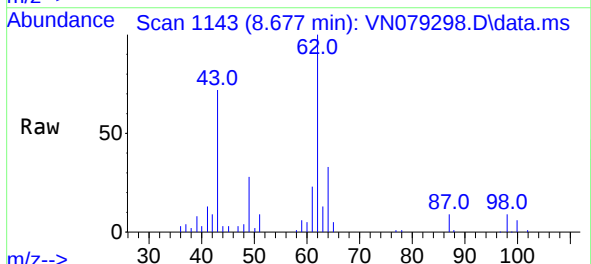
Ion	Ratio	Lower	Upper
41	100		
39	55.9	24.9	74.6
67	70.2	36.7	110.1
52	31.0	13.2	39.5

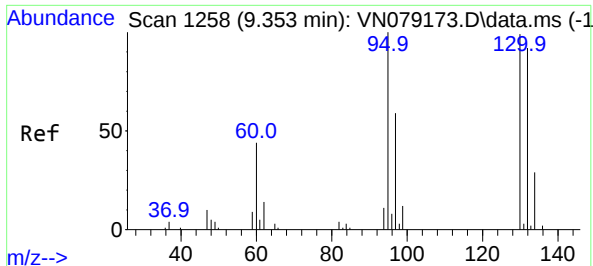


#36
1,2-Dichloroethane
Concen: 21.742 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 62 Resp: 87407

Ion	Ratio	Lower	Upper
62	100		
98	8.7	8.2	12.2

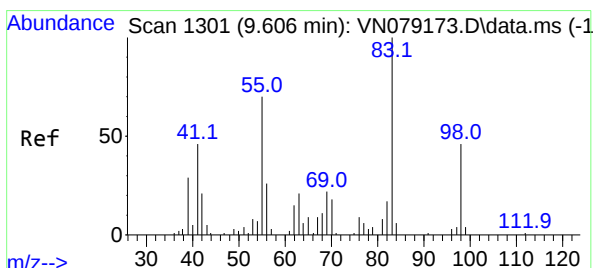
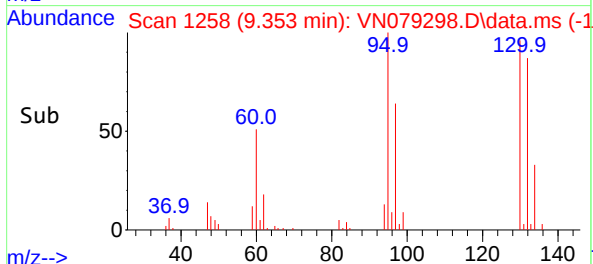
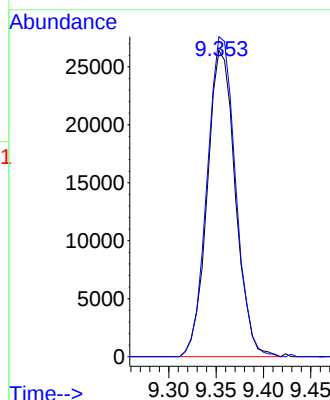
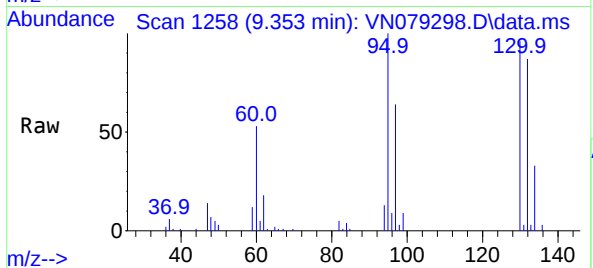




#37
Trichloroethene
Concen: 18.912 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

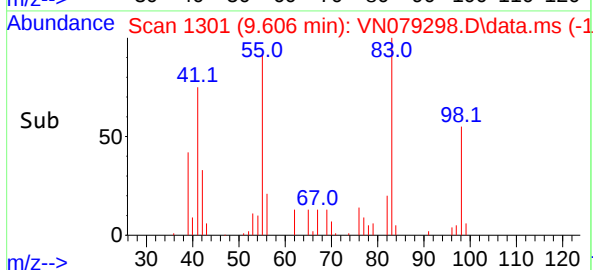
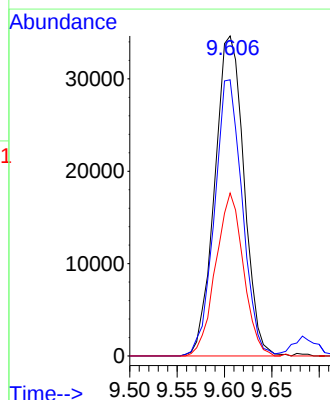
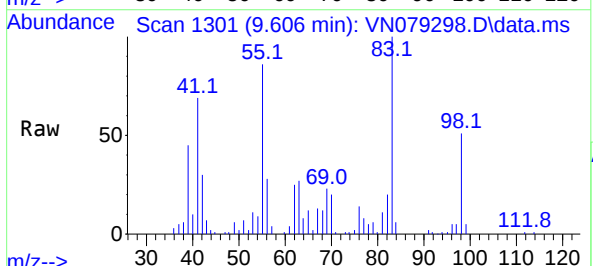
Instrument :
MSVOA_N
ClientSampleId :

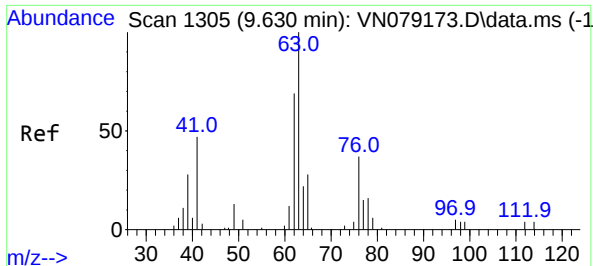
Tgt Ion:130 Resp: 54490
Ion Ratio Lower Upper
130 100
95 104.5 81.0 121.4



#38
Methylcyclohexane
Concen: 19.417 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 83 Resp: 74475
Ion Ratio Lower Upper
83 100
55 82.1 39.1 117.2
98 48.3 24.1 72.4

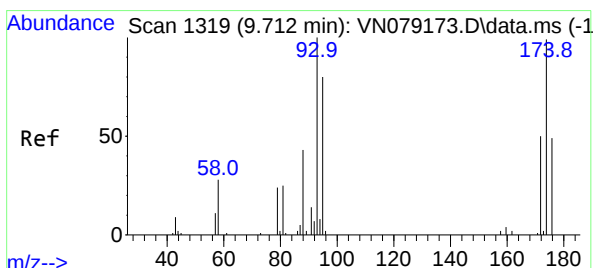
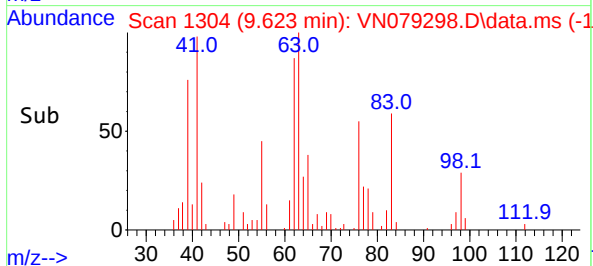
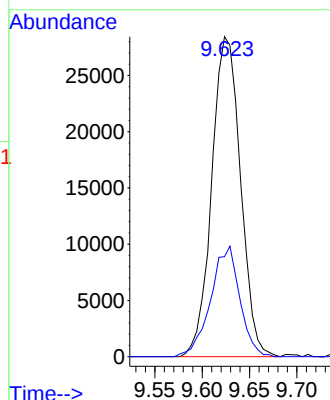
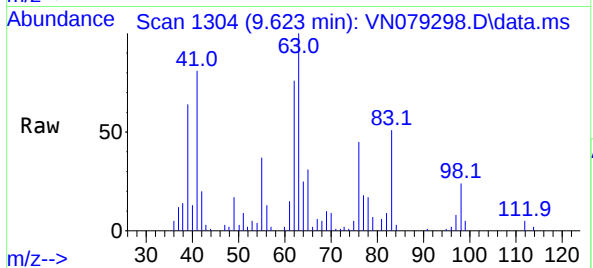




#39
1,2-Dichloropropane
Concen: 19.145 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

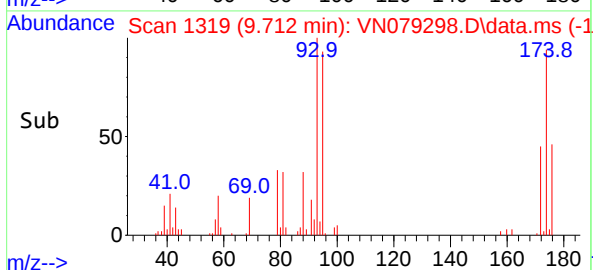
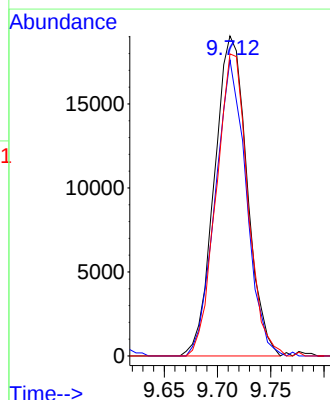
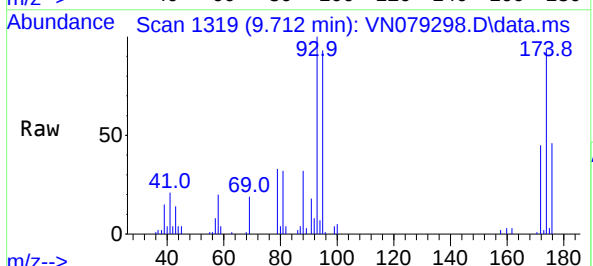
Instrument :
MSVOA_N
ClientSampleId :

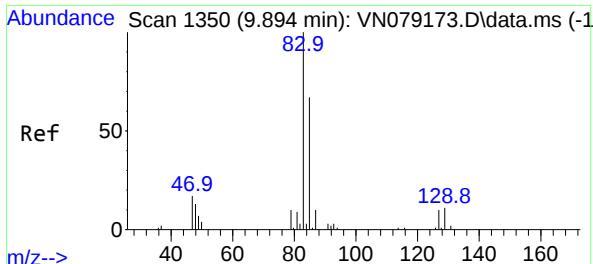
Tgt Ion: 63 Resp: 60199
Ion Ratio Lower Upper
63 100
65 31.2 23.4 35.0



#40
Dibromomethane
Concen: 19.588 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 93 Resp: 40617
Ion Ratio Lower Upper
93 100
95 87.1 0.0 172.4
174 90.6 0.0 192.4

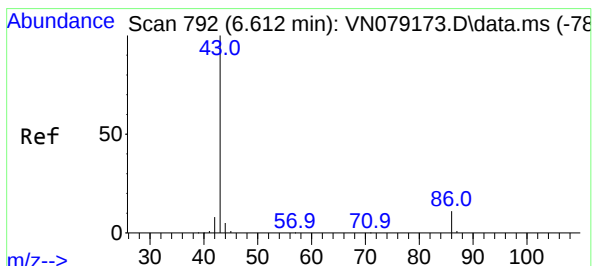
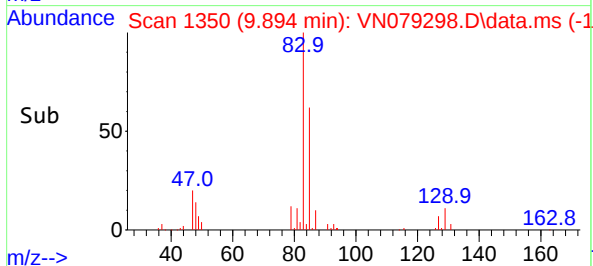
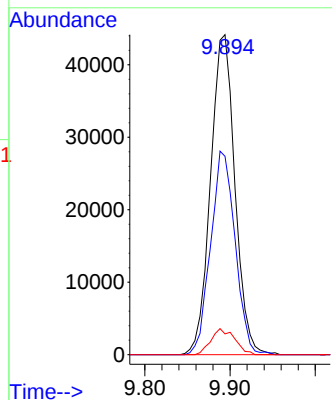
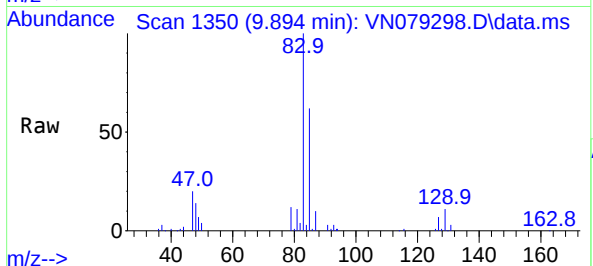




#41
Bromodichloromethane
Concen: 21.251 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

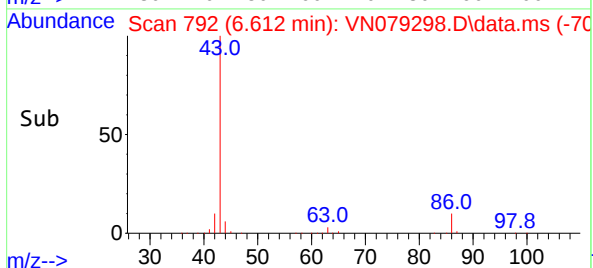
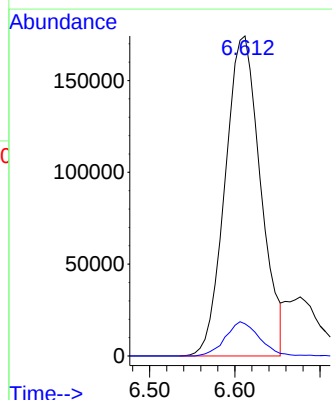
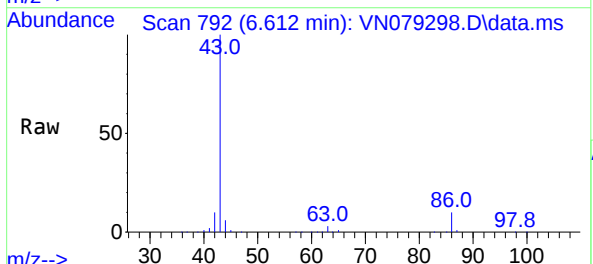
Instrument :
MSVOA_N
ClientSampleId :

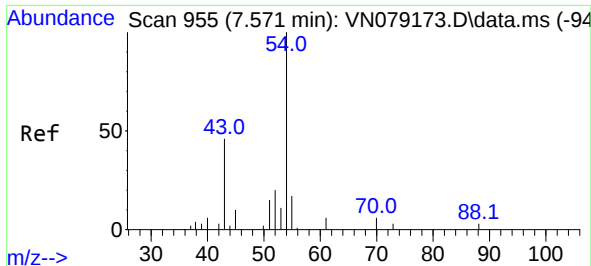
Tgt Ion: 83 Resp: 87841
Ion Ratio Lower Upper
83 100
85 62.0 53.4 80.2
127 6.5 8.3 12.5#



#42
Vinyl Acetate
Concen: 109.989 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

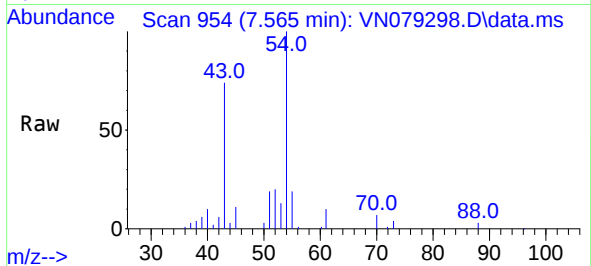
Tgt Ion: 43 Resp: 504071
Ion Ratio Lower Upper
43 100
86 10.2 9.2 13.8



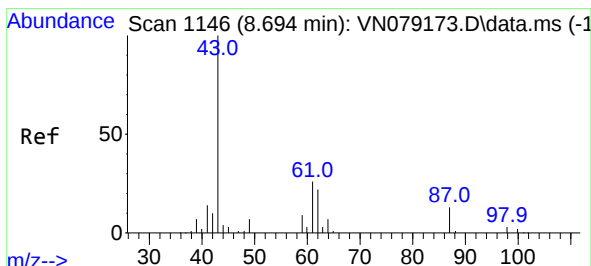
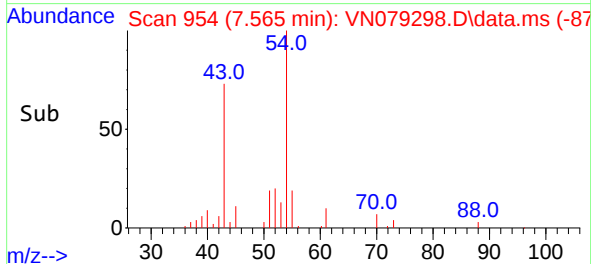
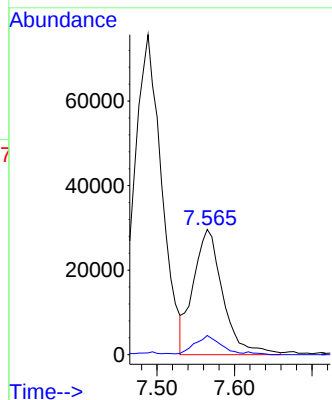


#43
Ethyl Acetate
Concen: 21.387 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

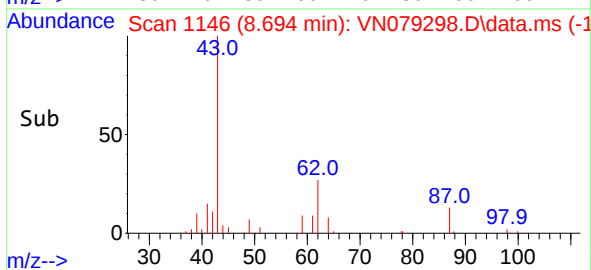
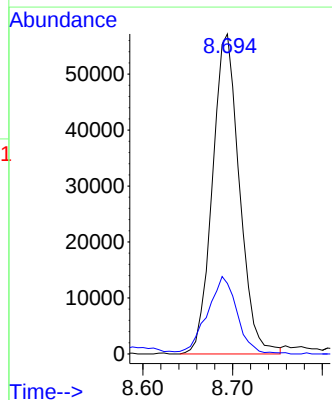
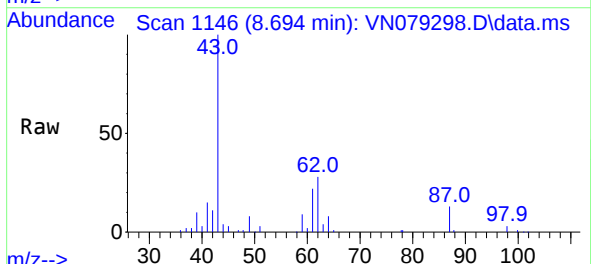


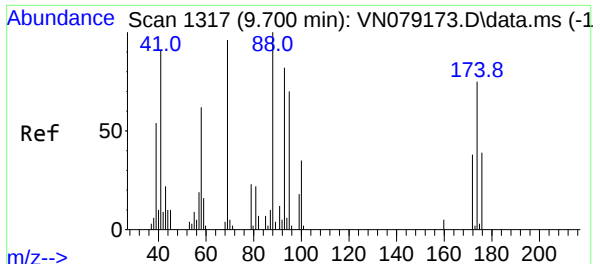
Tgt Ion: 43 Resp: 78382
Ion Ratio Lower Upper
43 100
45 13.5 11.1 16.7



#44
Isopropyl Acetate
Concen: 18.127 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

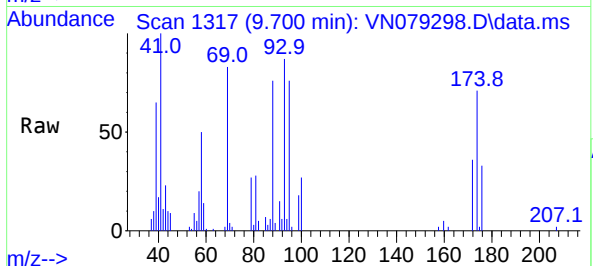
Tgt Ion: 43 Resp: 119512
Ion Ratio Lower Upper
43 100
61 25.5 22.6 33.8



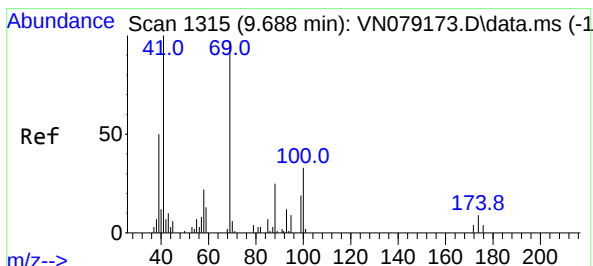
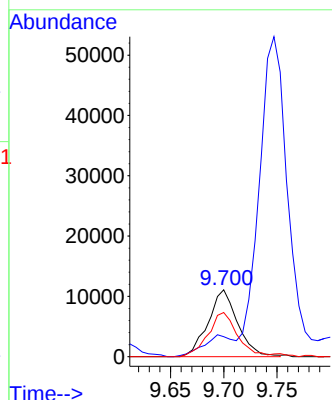
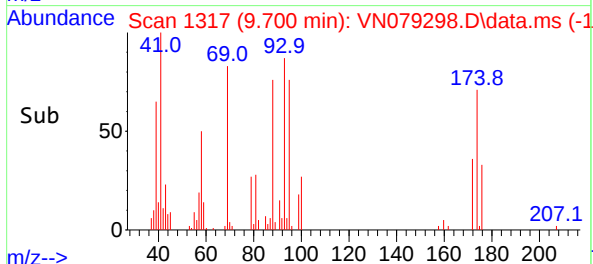


#45
1,4-Dioxane
Concen: 324.890 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

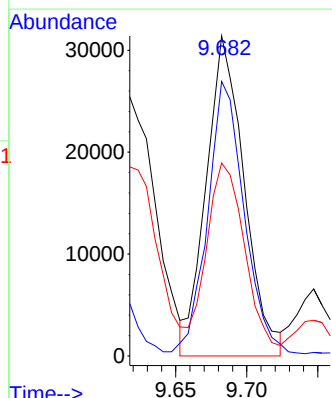
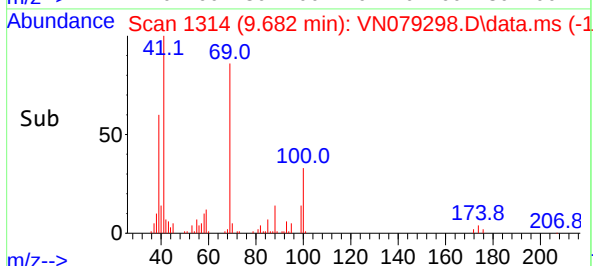
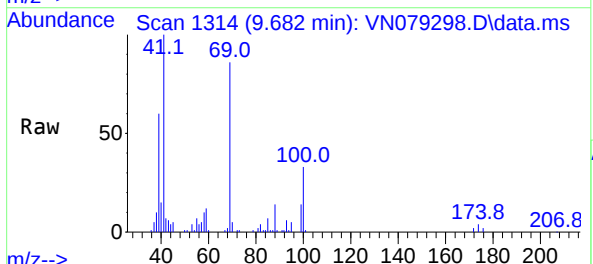


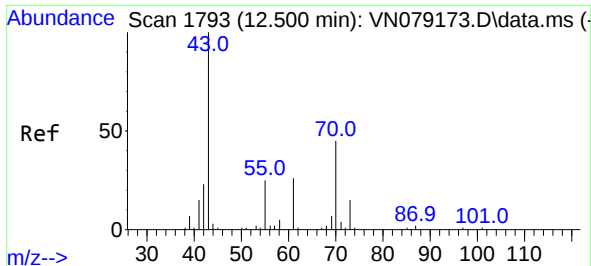
Tgt Ion: 88 Resp: 21321
Ion Ratio Lower Upper
88 100
43 33.5 19.9 29.9#
58 65.5 58.0 87.0



#46
Methyl methacrylate
Concen: 19.818 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 41 Resp: 58373
Ion Ratio Lower Upper
41 100
69 88.6 48.1 144.3
39 61.5 25.8 77.3

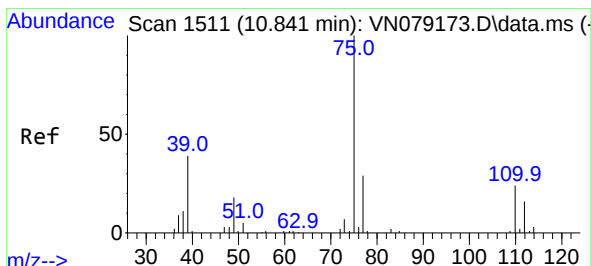
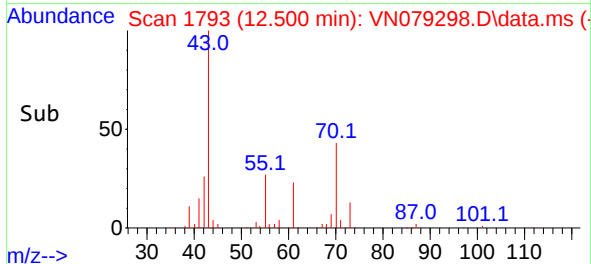
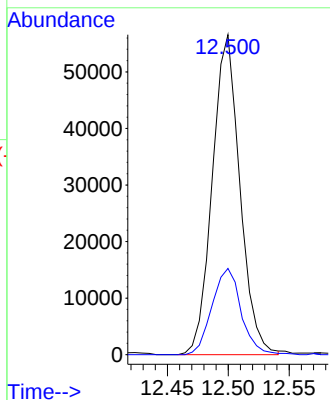
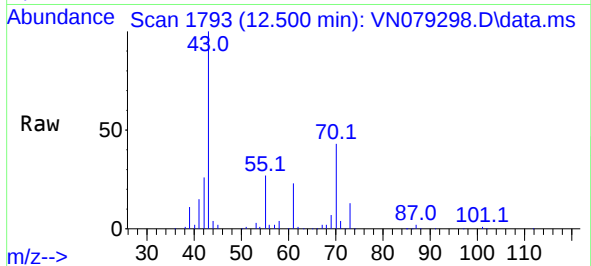




#47
n-amyl acetate
Concen: 19.236 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

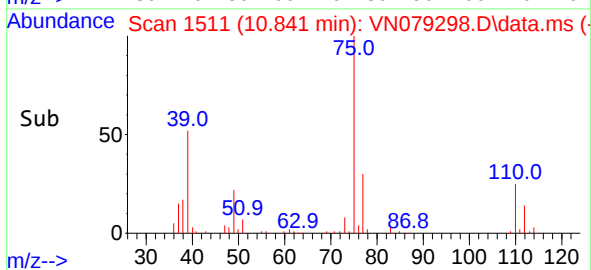
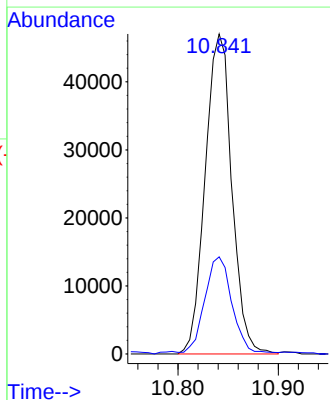
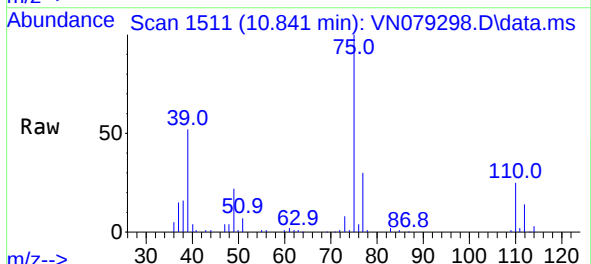
Instrument :
MSVOA_N
ClientSampleId :

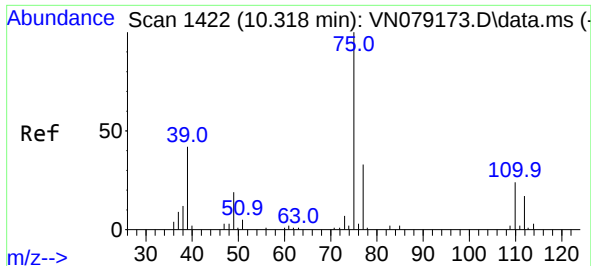
Tgt Ion: 43 Resp: 89192
Ion Ratio Lower Upper
43 100
55 28.4 20.5 30.7



#48
t-1,3-Dichloropropene
Concen: 19.451 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 75 Resp: 86985
Ion Ratio Lower Upper
75 100
77 29.9 22.9 34.3





#49

cis-1,3-Dichloropropene

Concen: 20.099 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

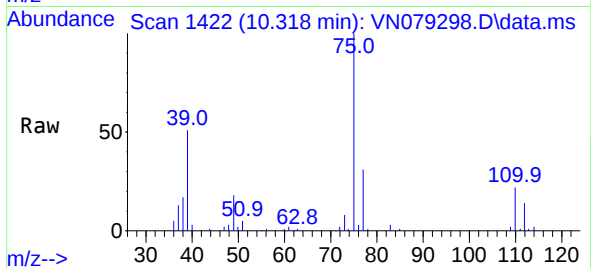
Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :



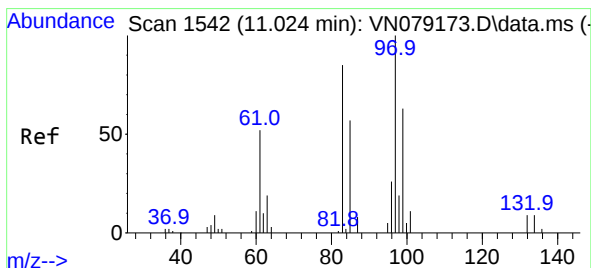
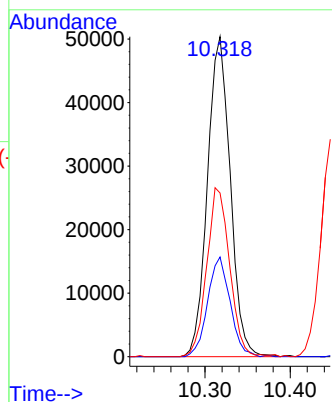
Tgt Ion: 75 Resp: 93754

Ion	Ratio	Lower	Upper
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75	100		
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77	31.2	26.2	39.2
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39	51.1	33.8	50.8#
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#50

1,1,2-Trichloroethane

Concen: 19.534 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Tgt Ion: 97 Resp: 56824

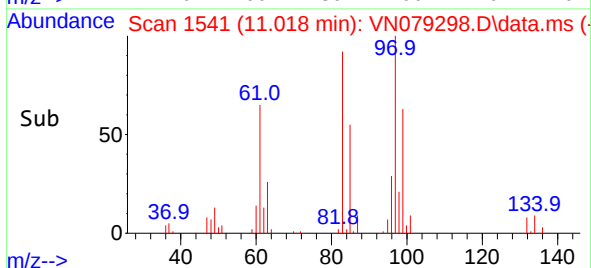
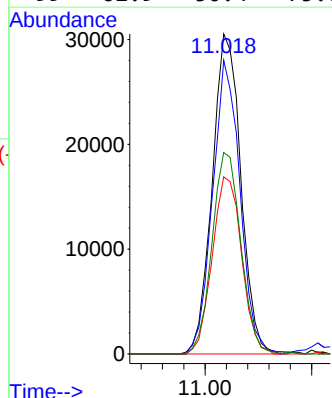
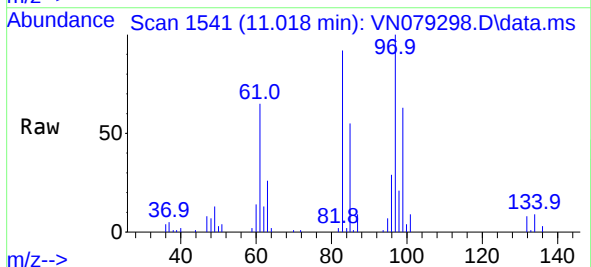
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

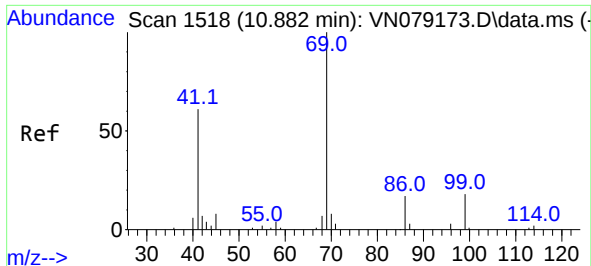
97	100		
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83	91.7	68.9	103.3
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85	55.3	45.3	67.9
----	------	------	------

99	62.9	50.4	75.6
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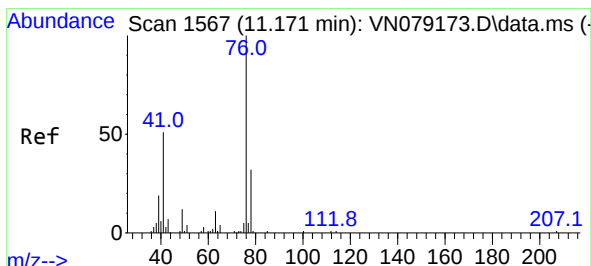
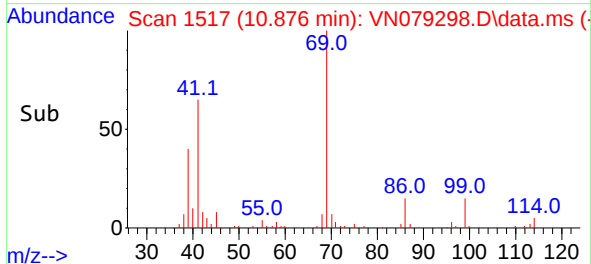
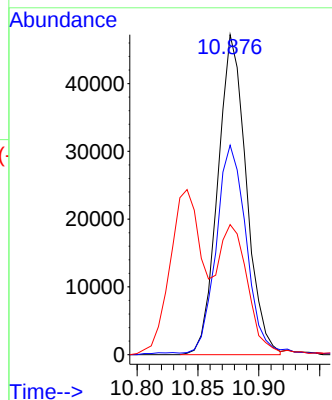
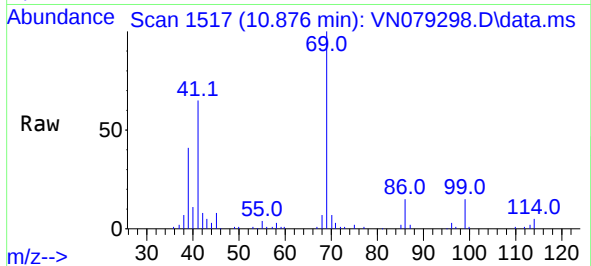




#51
Ethyl methacrylate
Concen: 17.122 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

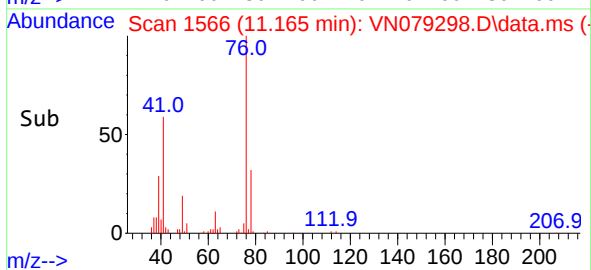
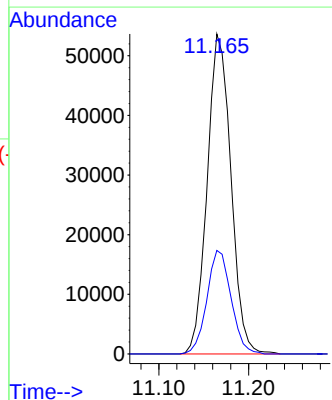
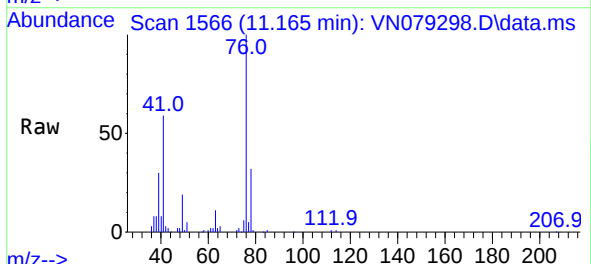
Instrument :
MSVOA_N
ClientSampleId :

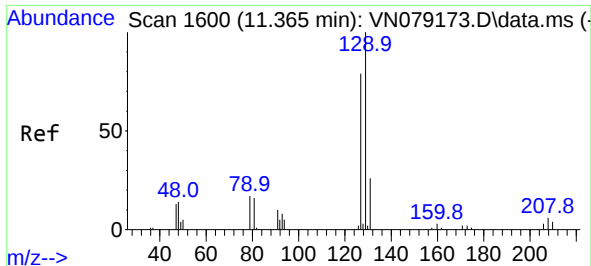
Tgt Ion: 69 Resp: 76922
Ion Ratio Lower Upper
69 100
41 65.0 30.3 90.9
39 39.6 13.4 40.1



#52
1,3-Dichloropropane
Concen: 19.868 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 76 Resp: 98669
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.2

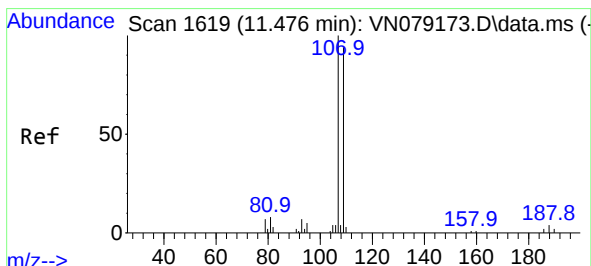
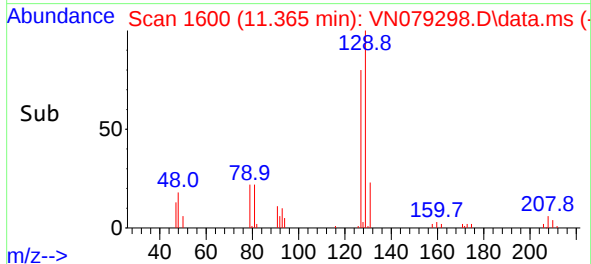
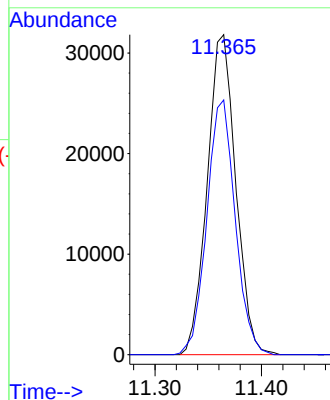
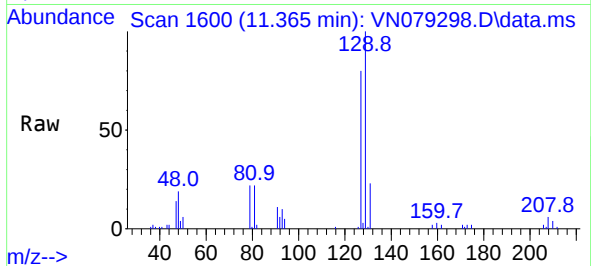




#53
Dibromochloromethane
Concen: 19.427 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

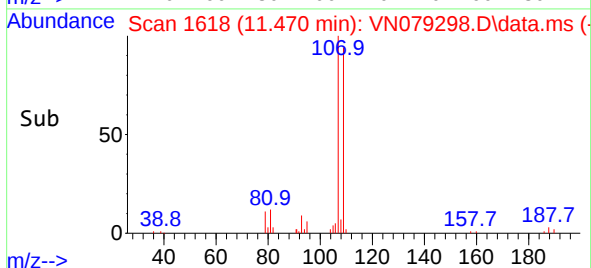
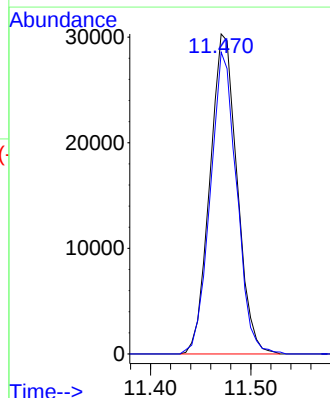
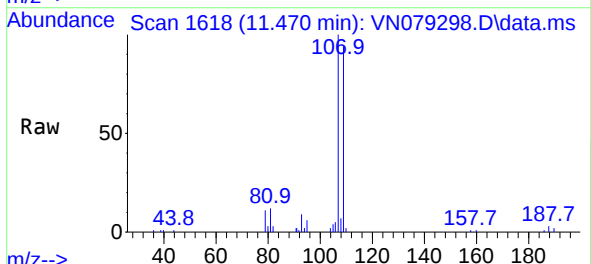
Instrument :
MSVOA_N
ClientSampleId :

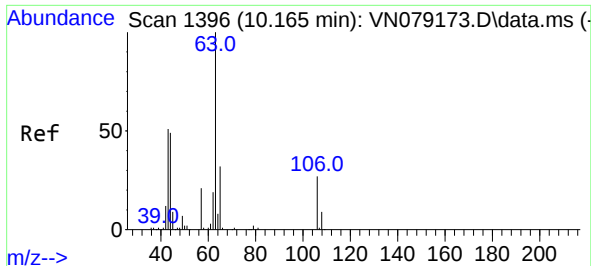
Tgt Ion:129 Resp: 59273
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1



#54
1,2-Dibromoethane
Concen: 19.351 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

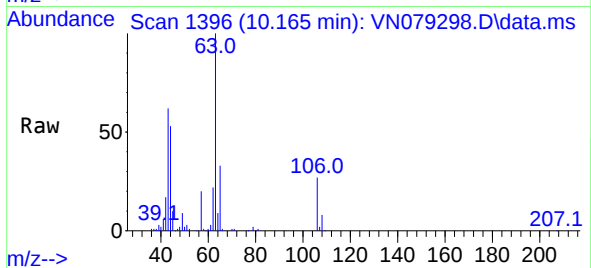
Tgt Ion:107 Resp: 57162
Ion Ratio Lower Upper
107 100
109 91.3 76.4 114.6



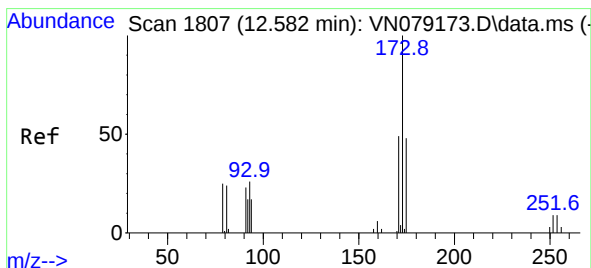
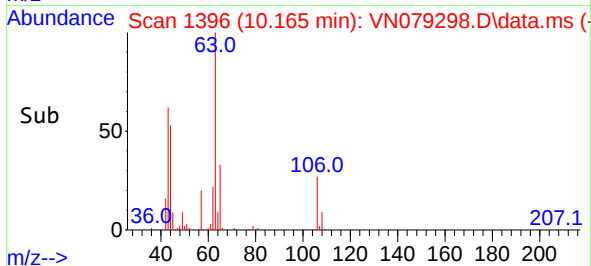
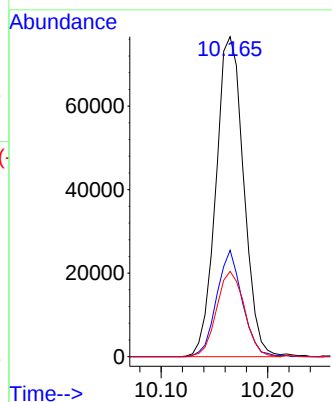


#55
2-Chloroethyl vinyl ether
Concen: 86.677 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

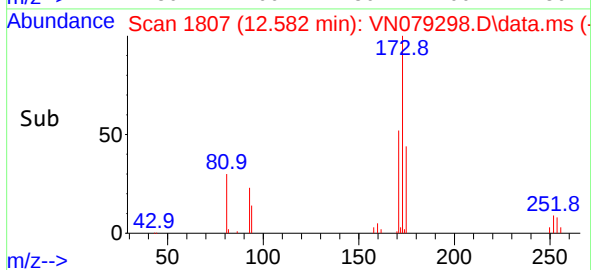
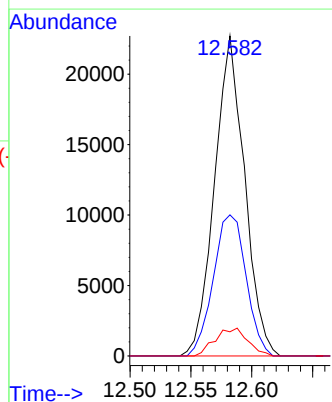
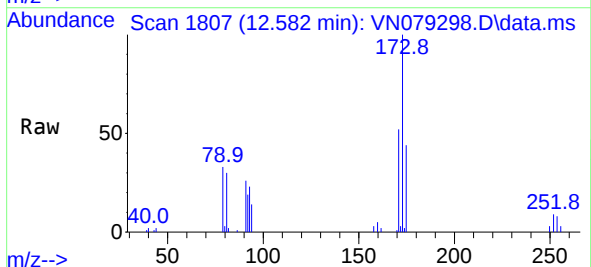


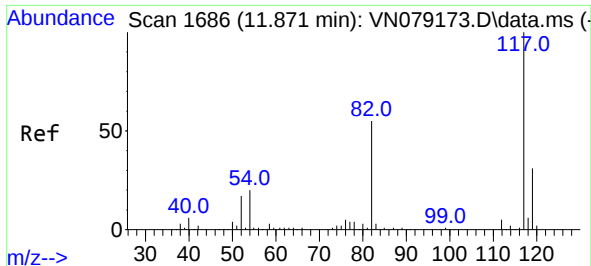
Tgt Ion: 63 Resp: 138365
Ion Ratio Lower Upper
63 100
65 30.8 25.7 38.5
106 26.7 21.9 32.9



#56
Bromoform
Concen: 18.375 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 173 Resp: 39064
Ion Ratio Lower Upper
173 100
175 48.0 37.6 56.4
254 9.5 7.8 11.8

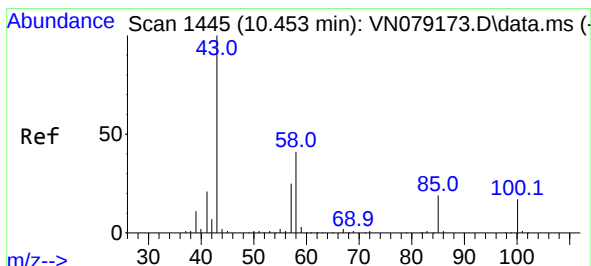
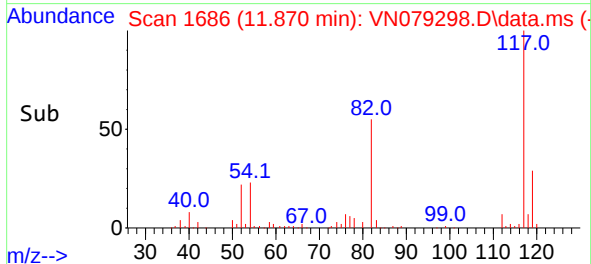
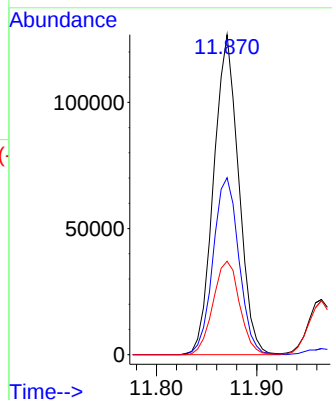
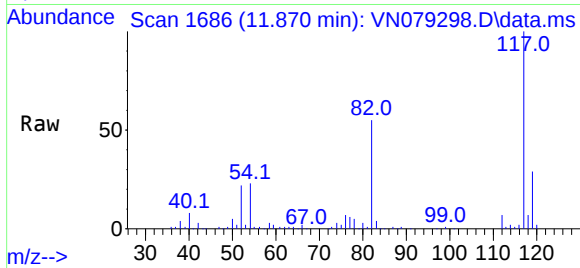




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

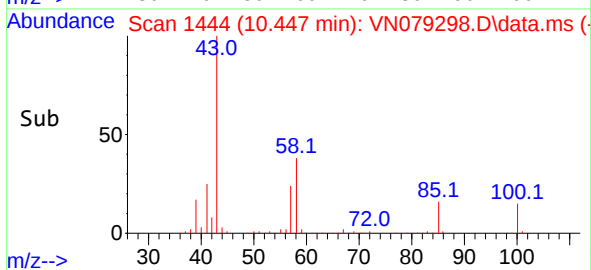
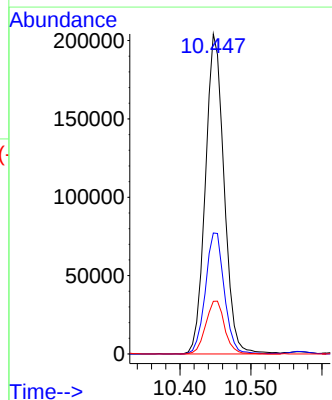
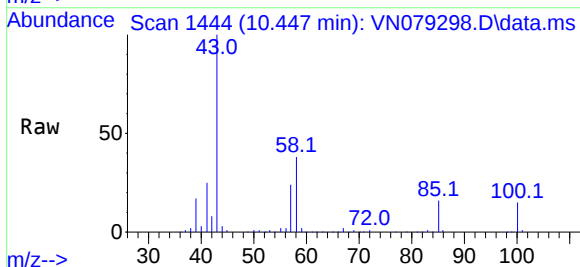
Instrument :
MSVOA_N
ClientSampleId :

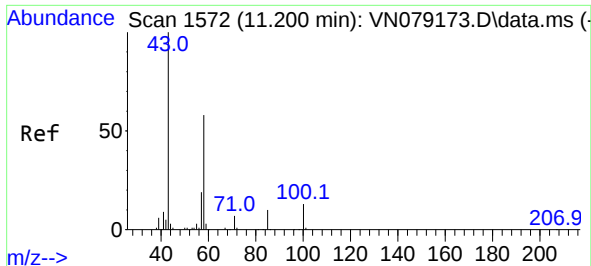
Tgt Ion:117 Resp: 219575
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.1 24.9 37.3



#58
4-Methyl-2-Pentanone
Concen: 92.863 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

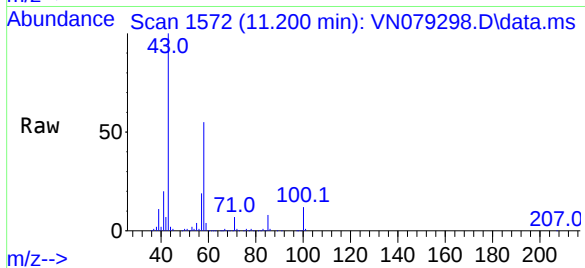
Tgt Ion: 43 Resp: 374174
Ion Ratio Lower Upper
43 100
58 38.2 33.6 50.4
85 16.7 15.0 22.4



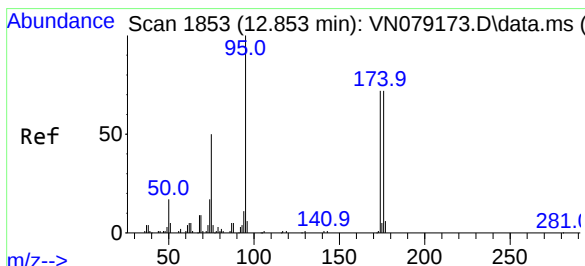
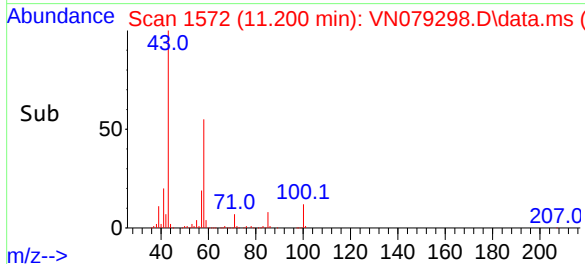
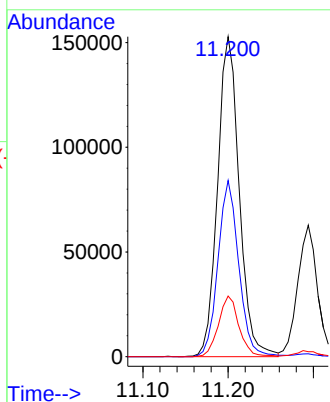


#59
2-Hexanone
Concen: 95.574 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

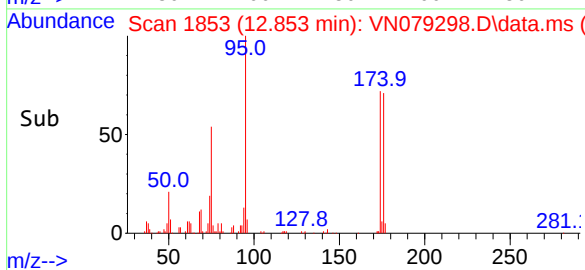
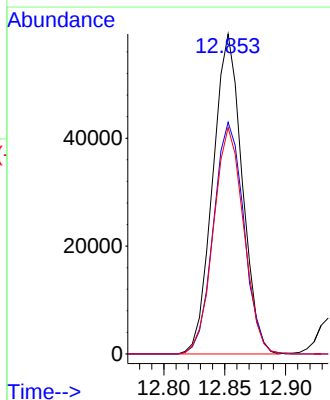
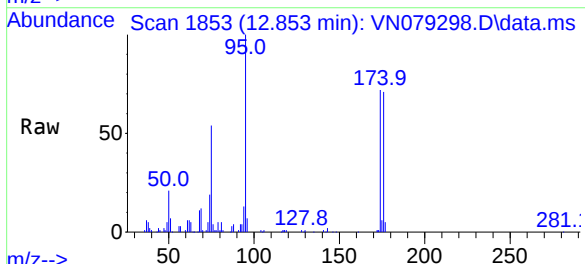


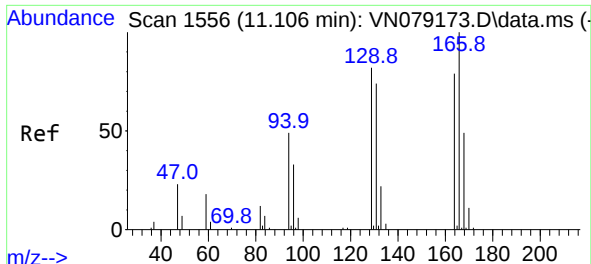
Tgt Ion: 43 Resp: 270453
Ion Ratio Lower Upper
43 100
58 52.9 46.4 69.6
57 18.0 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.705 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

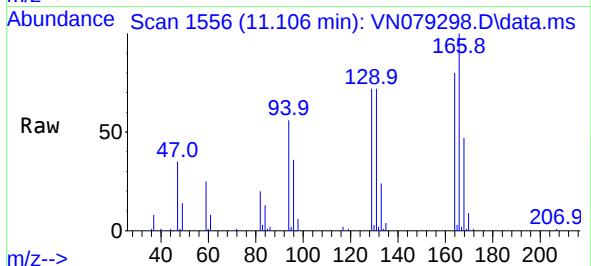
Tgt Ion: 95 Resp: 99342
Ion Ratio Lower Upper
95 100
174 75.2 59.5 89.3
176 73.0 59.1 88.7



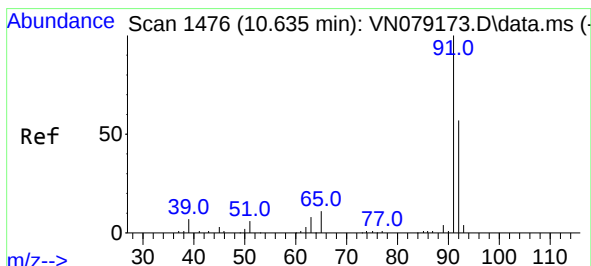
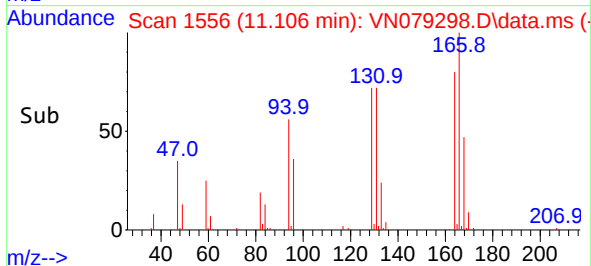
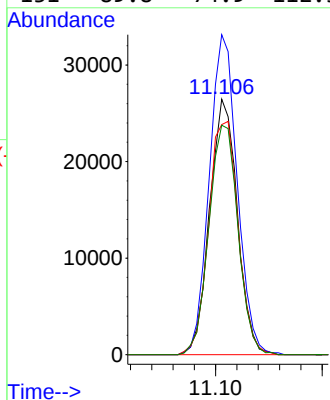


#61
Tetrachloroethene
Concen: 20.016 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

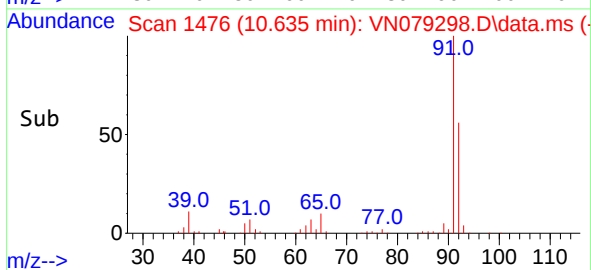
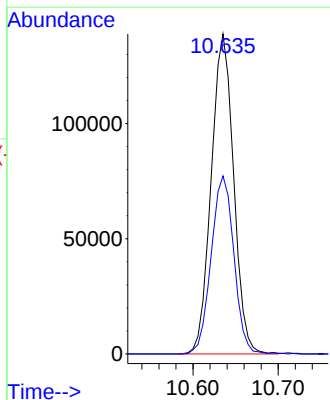
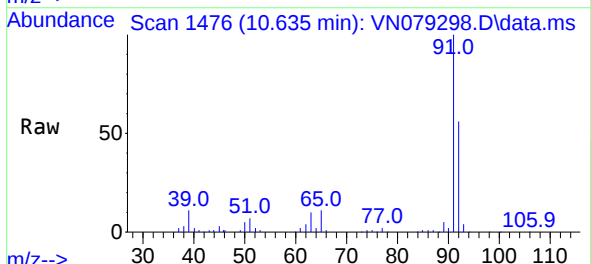


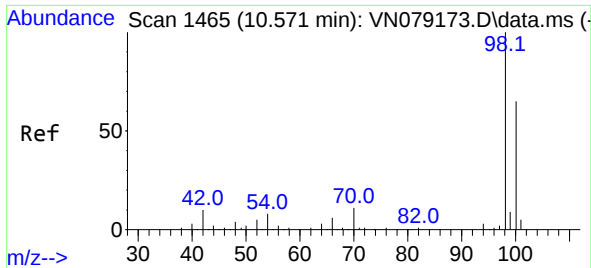
Tgt Ion:164 Resp: 47822
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 90.1 83.4 125.0
131 89.8 74.9 112.3



#62
Toluene
Concen: 19.838 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 91 Resp: 253629
Ion Ratio Lower Upper
91 100
92 56.4 45.7 68.5

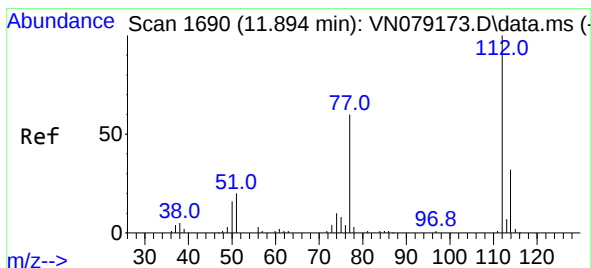
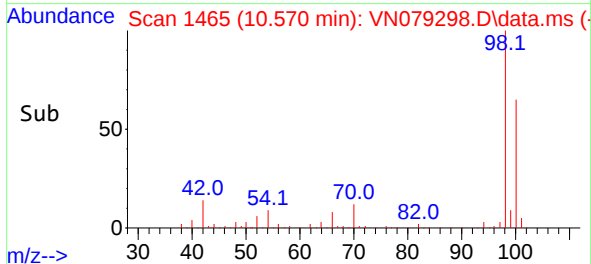
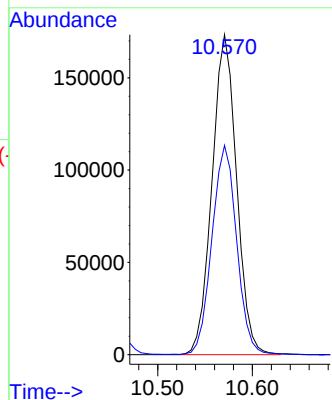
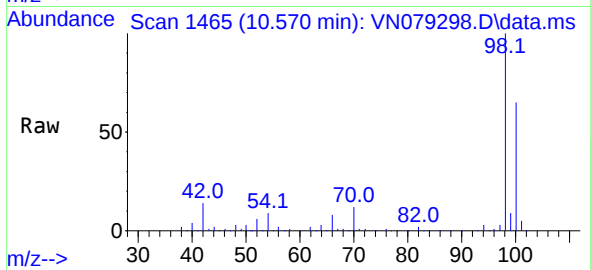




#63
Toluene-d8
Concen: 30.478 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

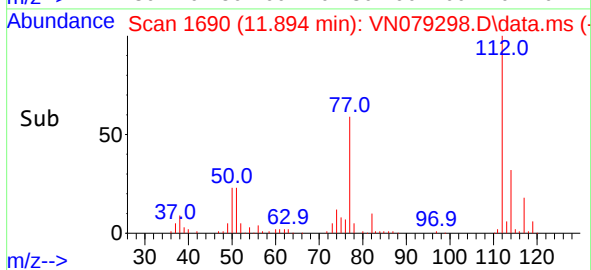
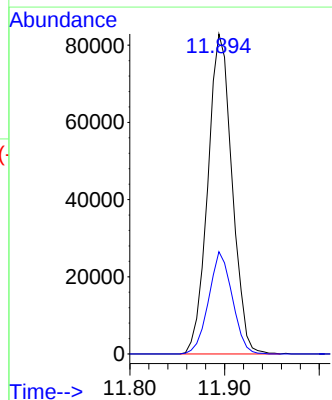
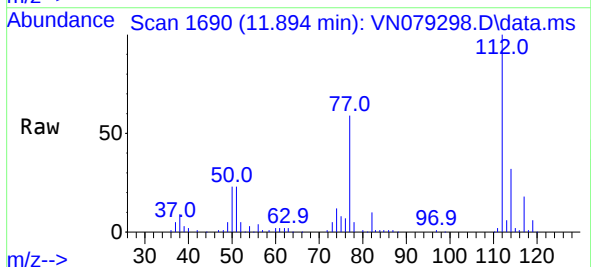
Instrument :
MSVOA_N
ClientSampleId :

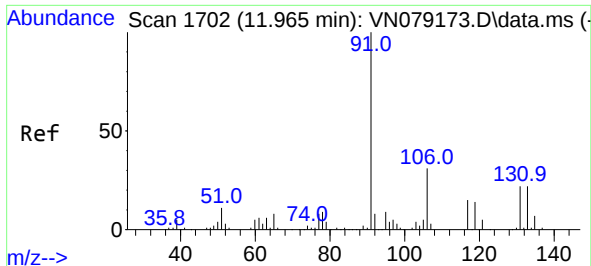
Tgt Ion: 98 Resp: 312755
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#64
Chlorobenzene
Concen: 19.766 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 112 Resp: 147419
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

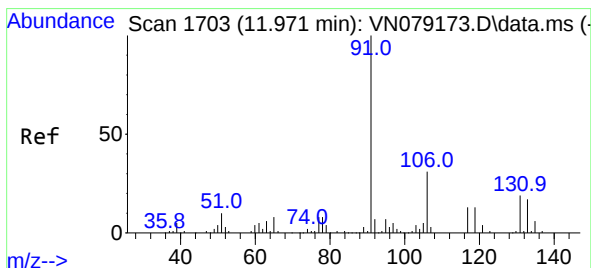
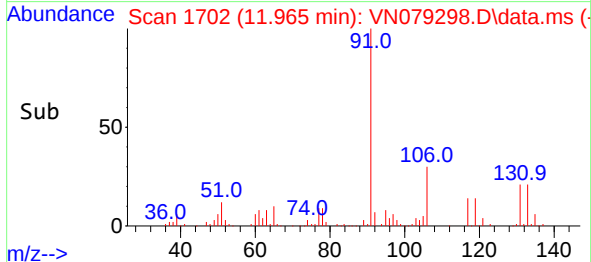
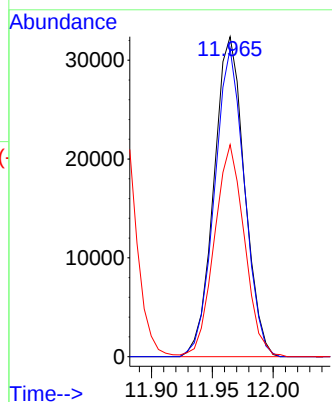
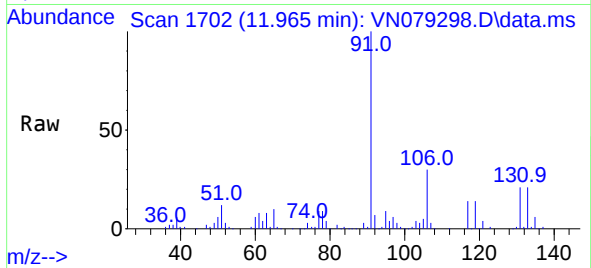




#65
1,1,1,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

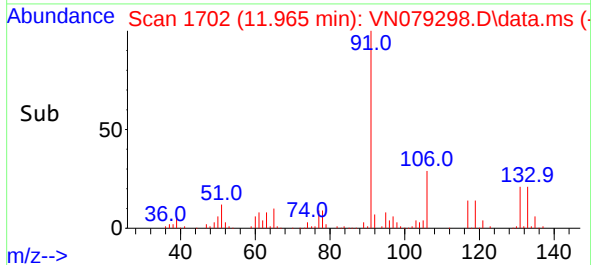
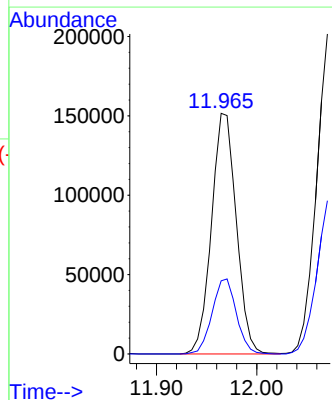
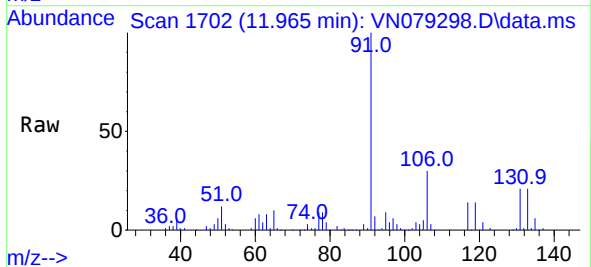
Instrument :
MSVOA_N
ClientSampleId :

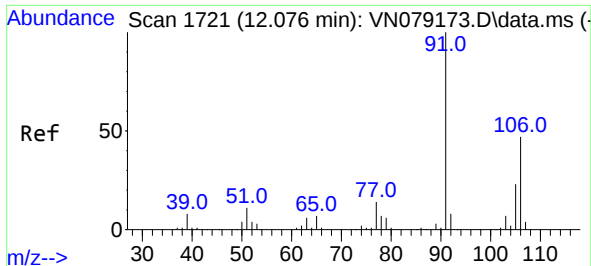
Tgt Ion:131 Resp: 56538
Ion Ratio Lower Upper
131 100
133 94.1 0.0 193.0
119 65.3 0.0 131.2



#66
Ethyl Benzene
Concen: 20.280 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 91 Resp: 261060
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6

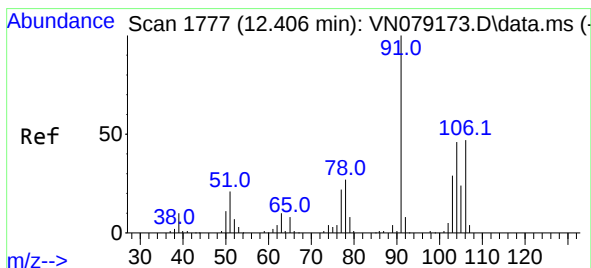
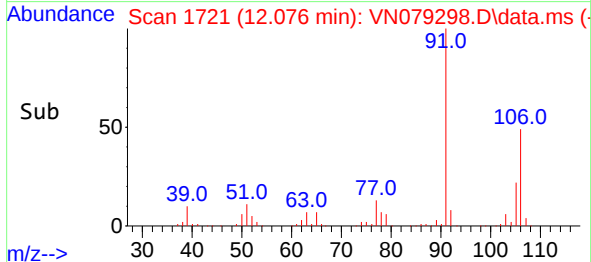
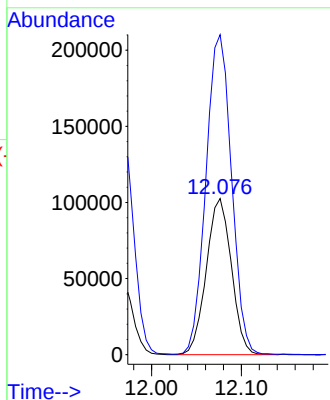
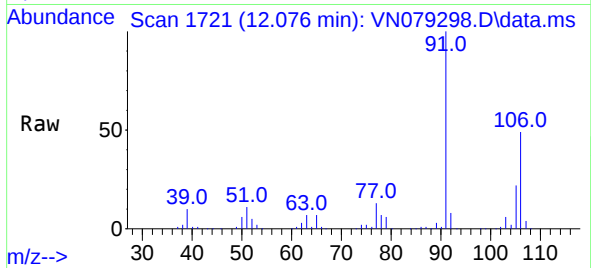




#67
m/p-Xylenes
Concen: 41.107 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

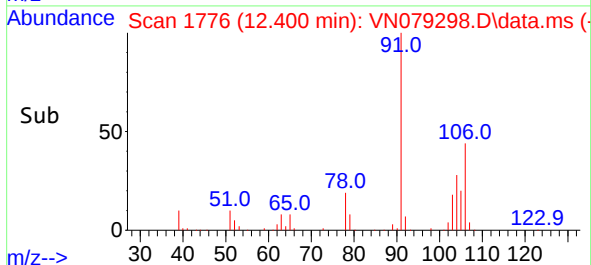
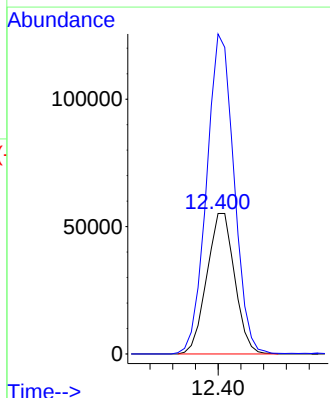
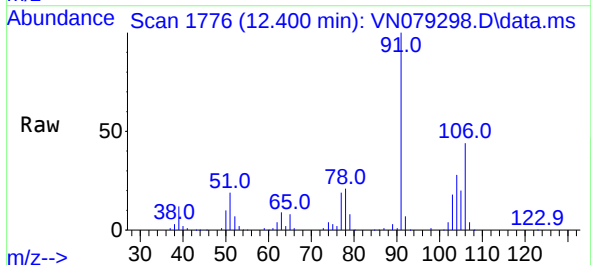
Instrument :
MSVOA_N
ClientSampleId :

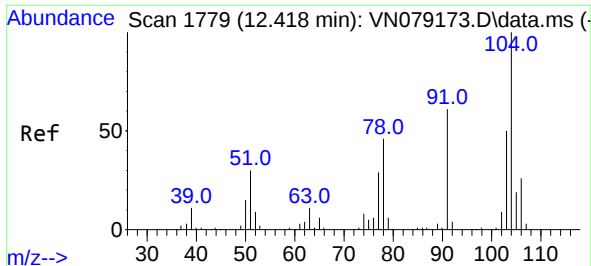
Tgt Ion:106 Resp: 199106
Ion Ratio Lower Upper
106 100
91 208.5 165.2 247.8



#68
o-Xylene
Concen: 20.128 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

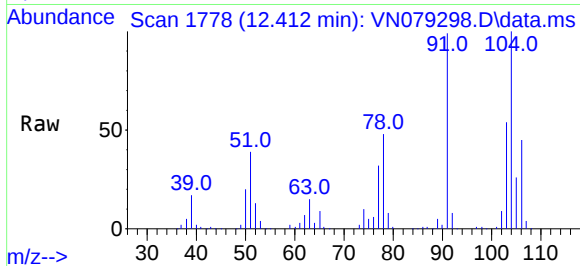
Tgt Ion:106 Resp: 94021
Ion Ratio Lower Upper
106 100
91 224.4 109.7 329.1



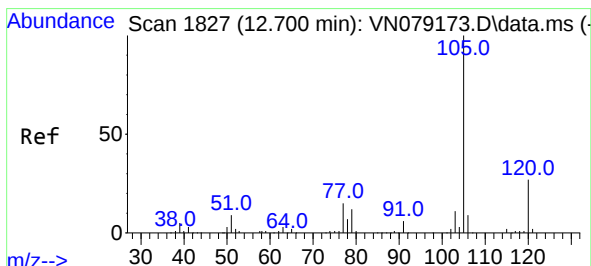
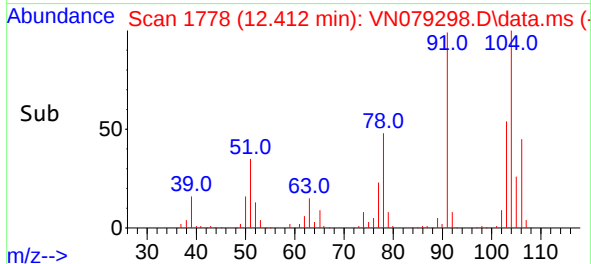
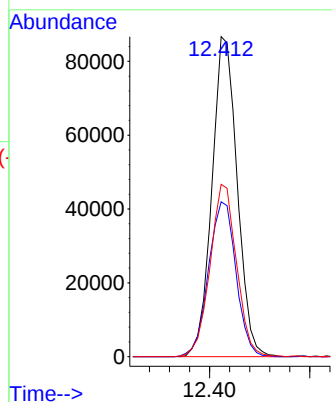


#69
Styrene
Concen: 20.392 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

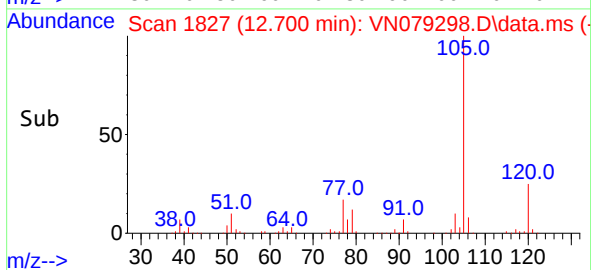
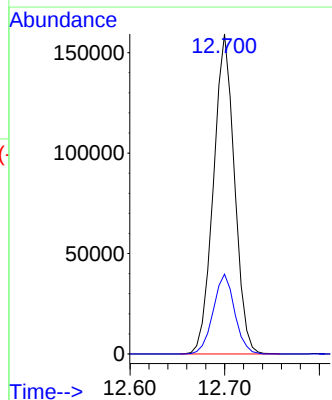
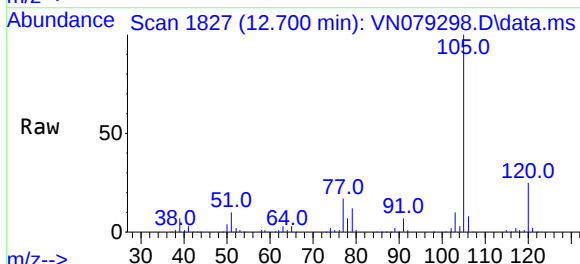


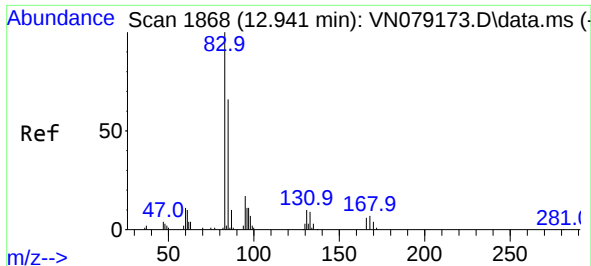
Tgt Ion:104 Resp: 151933
Ion Ratio Lower Upper
104 100
78 52.6 40.5 60.7
103 56.3 43.3 64.9



#70
Isopropylbenzene
Concen: 20.702 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion:105 Resp: 245806
Ion Ratio Lower Upper
105 100
120 25.4 18.5 34.3

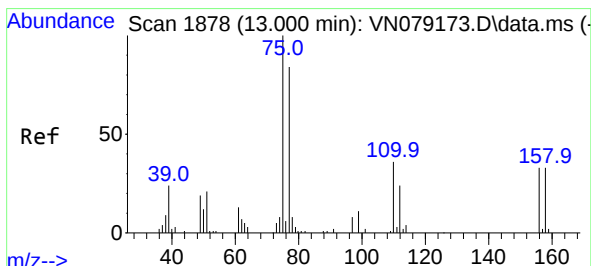
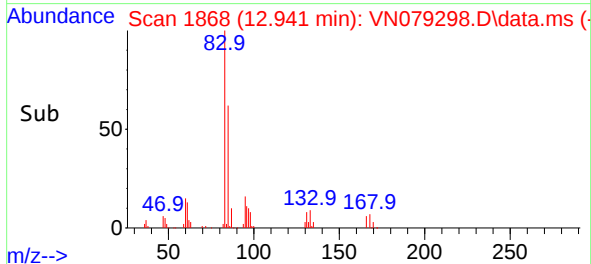
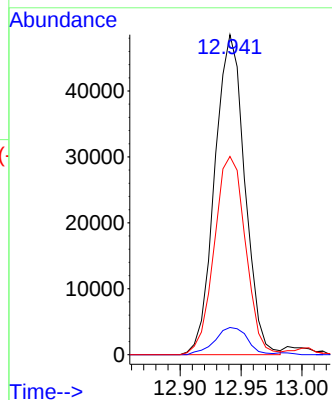
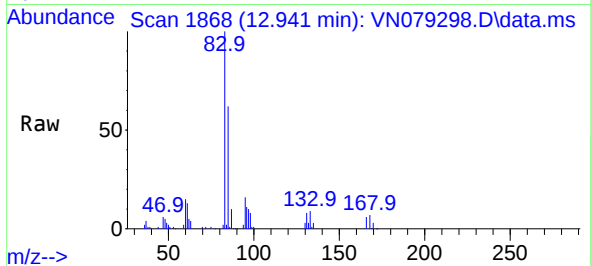




#71
1,1,2,2-Tetrachloroethane
Concen: 18.762 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

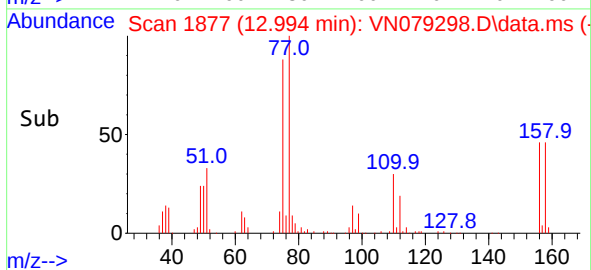
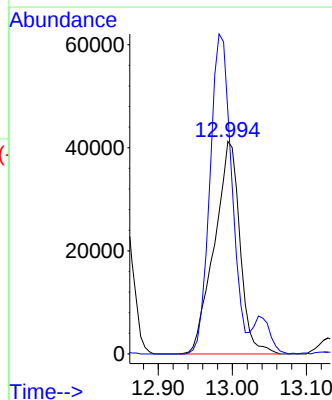
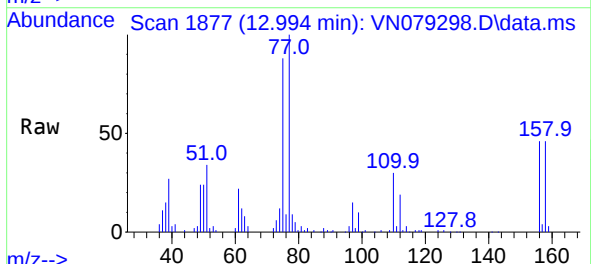
Instrument :
MSVOA_N
ClientSampleId :

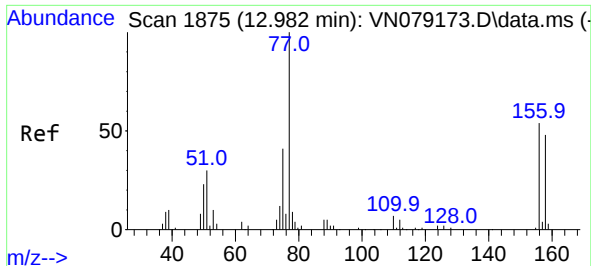
Tgt Ion: 83 Resp: 83333
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 64.4 33.1 99.3



#72
1,2,3-Trichloropropane
Concen: 26.491 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 75 Resp: 99001
Ion Ratio Lower Upper
75 100
77 127.0 0.0 252.2

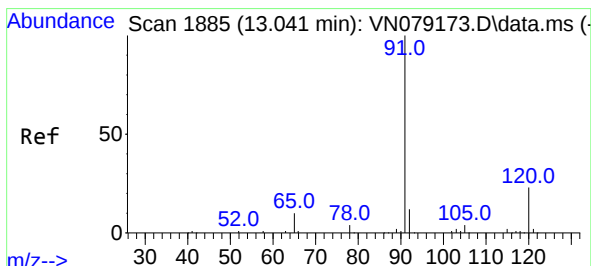
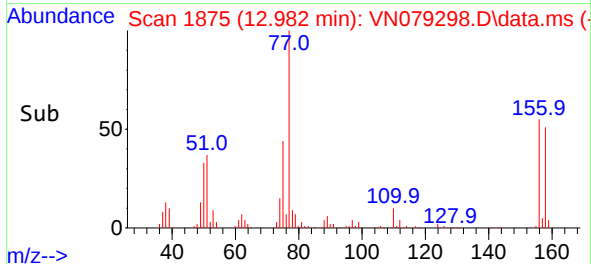
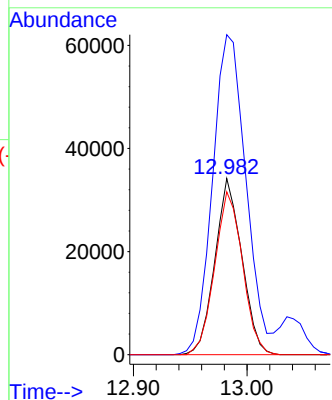
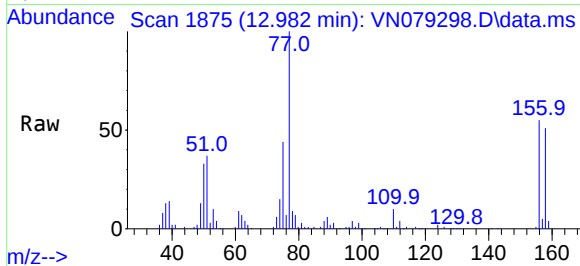




#73
Bromobenzene
Concen: 19.042 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

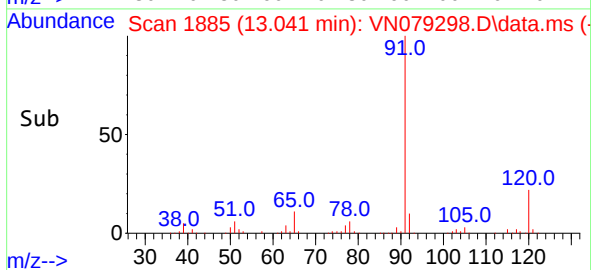
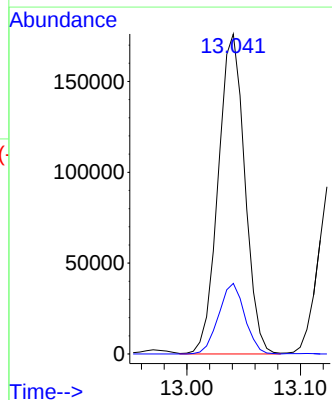
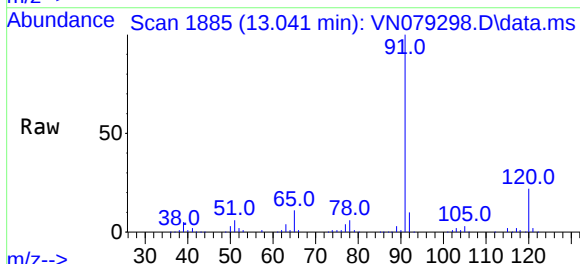
Instrument :
MSVOA_N
ClientSampleId :

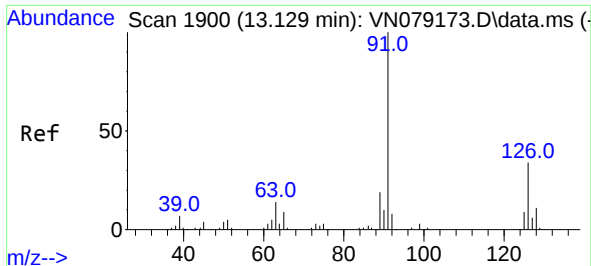
Tgt Ion:156 Resp: 56477
Ion Ratio Lower Upper
156 100
77 222.5 0.0 446.6
158 95.3 0.0 188.6



#74
n-propylbenzene
Concen: 21.164 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 91 Resp: 286313
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0

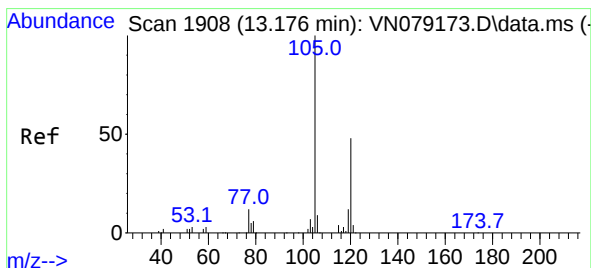
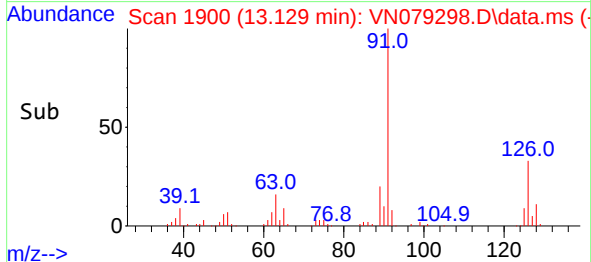
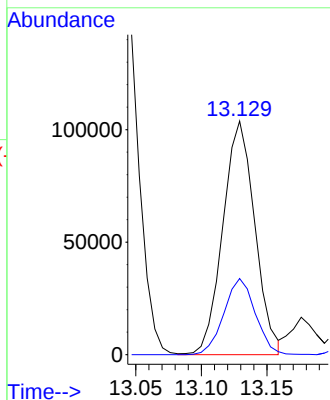
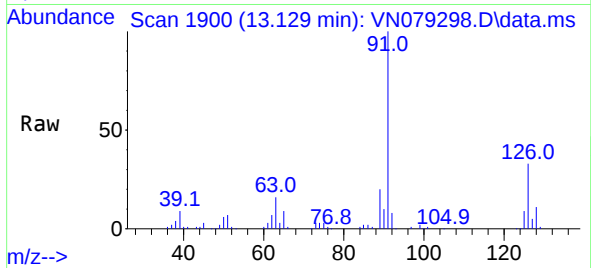




#75
2-Chlorotoluene
Concen: 20.366 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

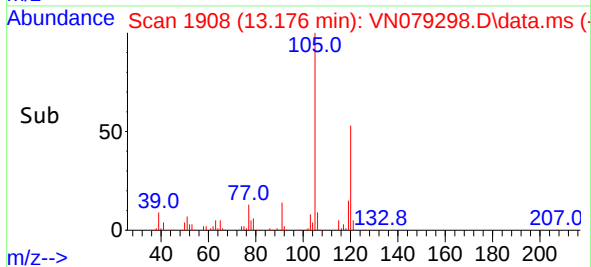
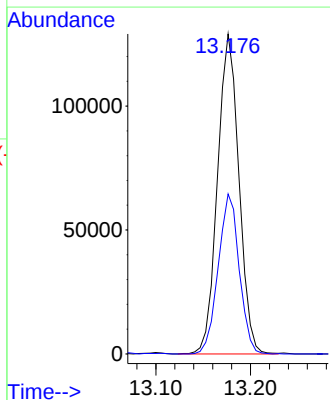
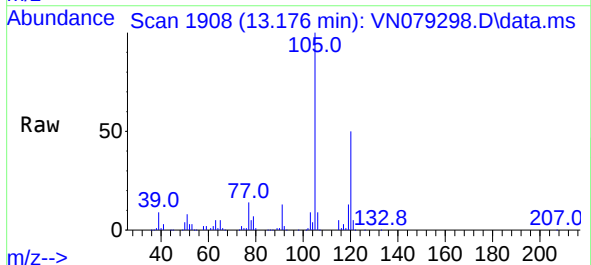
Instrument :
MSVOA_N
ClientSampleId :

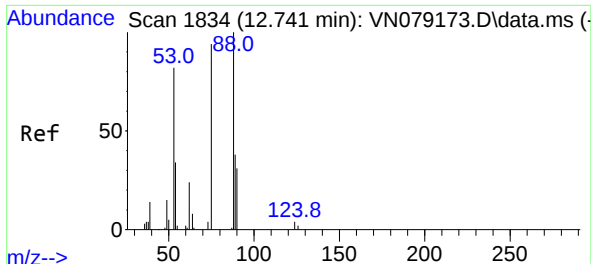
Tgt Ion: 91 Resp: 176667
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 20.678 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

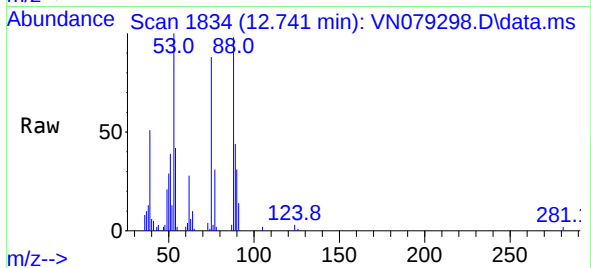
Tgt Ion: 105 Resp: 203010
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.6



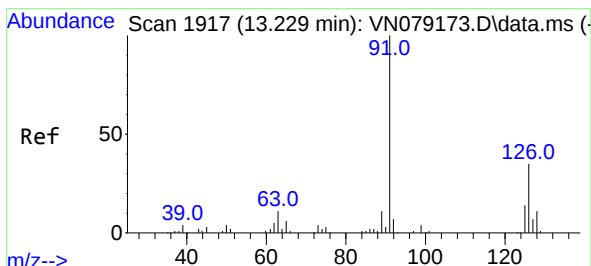
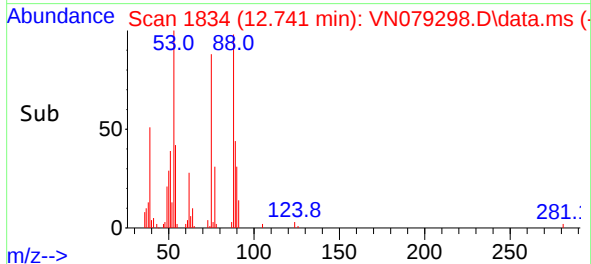
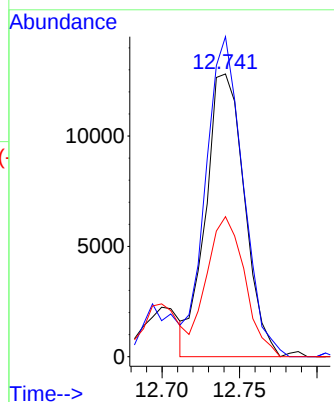


#77
t-1,4-Dichloro-2-butene
Concen: 16.928 ug/l
RT: 12.741 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

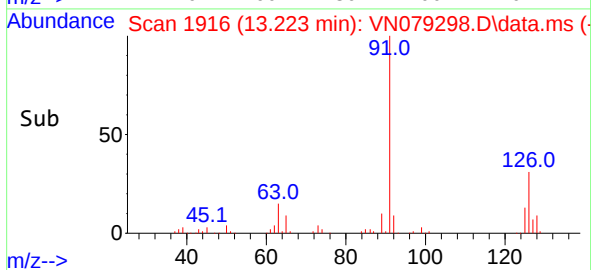
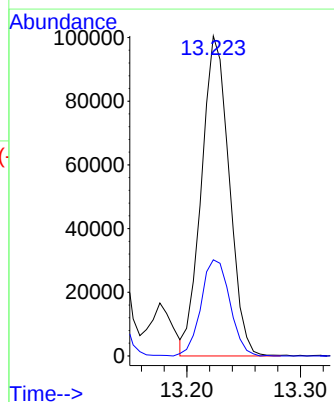
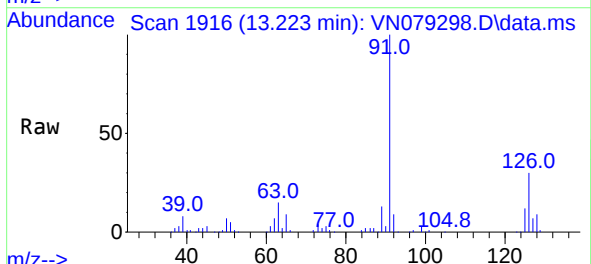


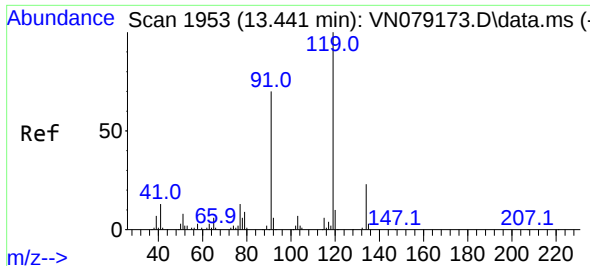
Tgt Ion: 75 Resp: 22274
Ion Ratio Lower Upper
75 100
53 110.7 44.1 132.4
89 49.5 22.4 67.3



#78
4-Chlorotoluene
Concen: 20.783 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 91 Resp: 170229
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.6

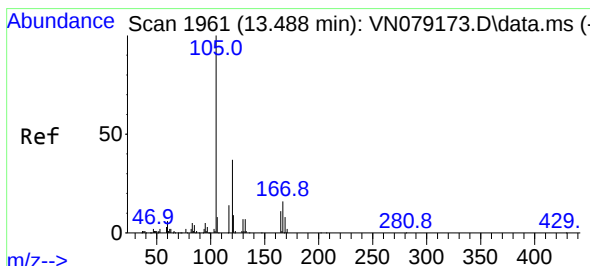
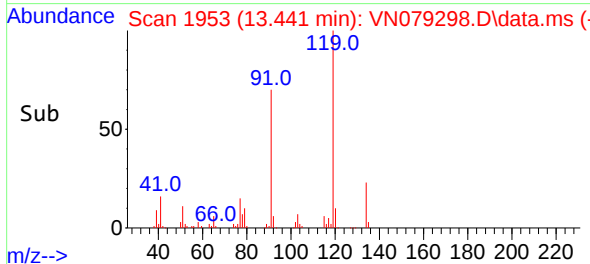
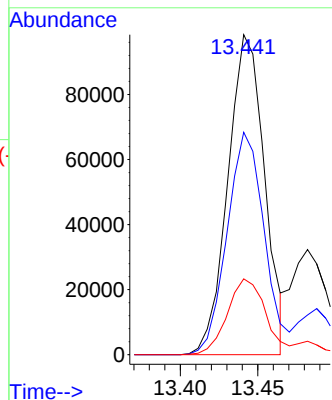
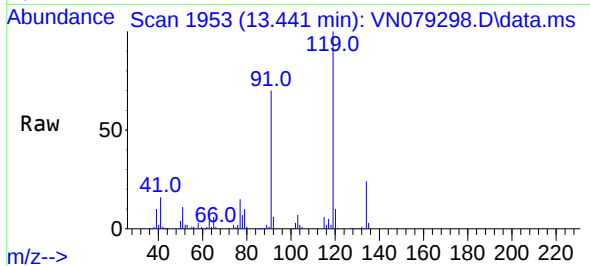




#79
tert-butylbenzene
Concen: 20.128 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

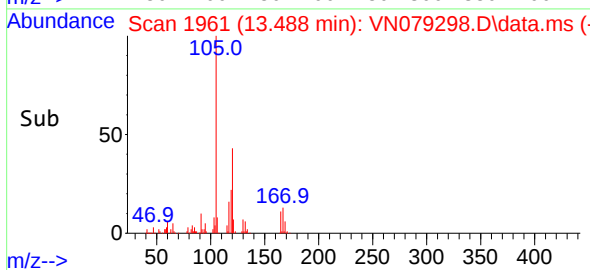
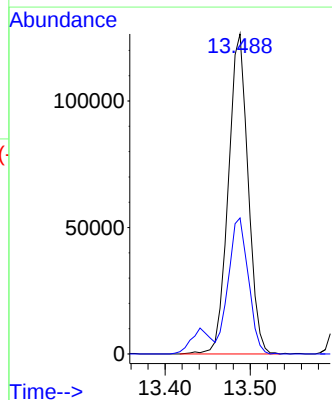
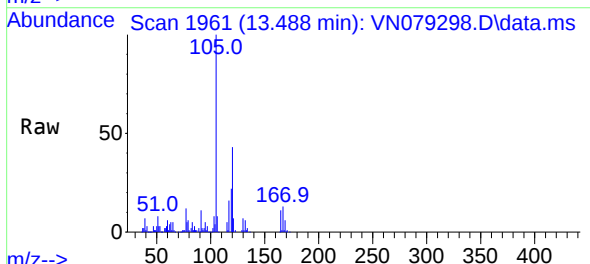
Instrument :
MSVOA_N
ClientSampleId :

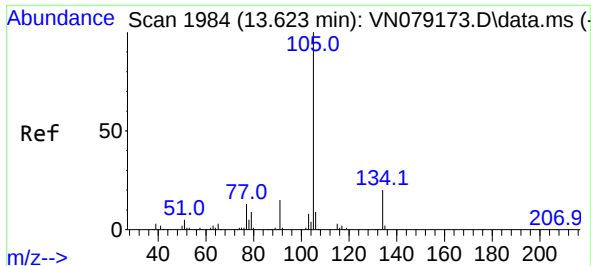
Tgt Ion:119 Resp: 162199
Ion Ratio Lower Upper
119 100
91 70.7 0.0 130.8
134 24.7 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 21.735 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion:105 Resp: 203783
Ion Ratio Lower Upper
105 100
120 42.9 0.0 90.0

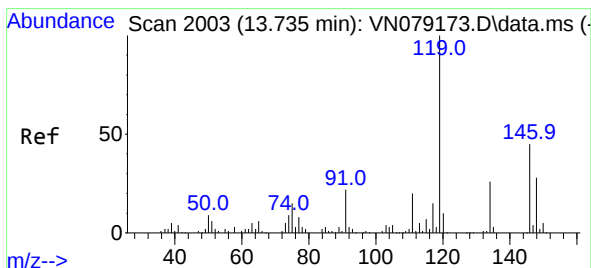
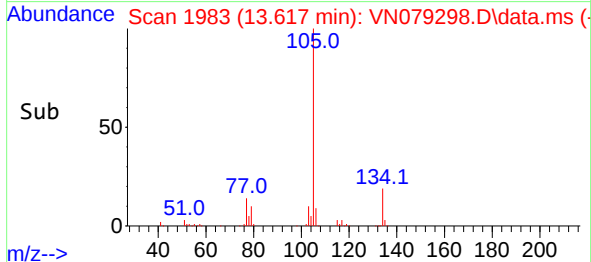
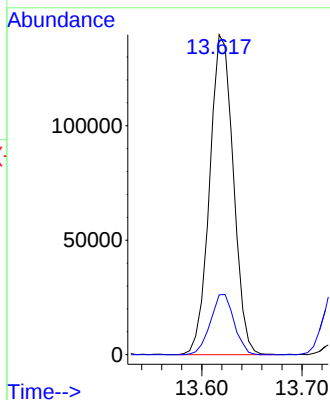
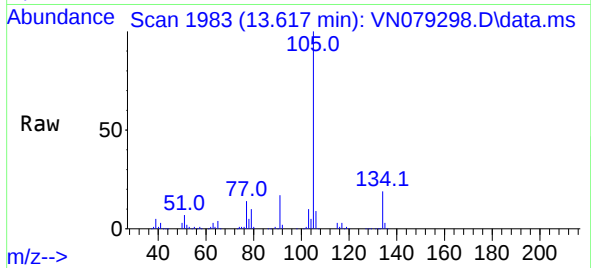




#81
 sec-Butylbenzene
 Concen: 20.810 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079298.D
 Acq: 19 Sep 2023 12:50

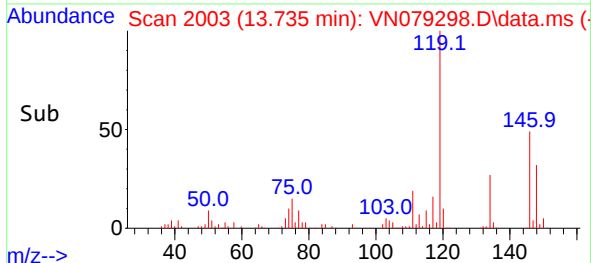
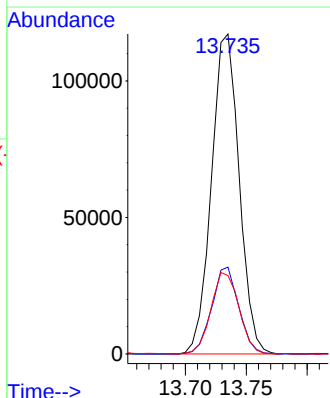
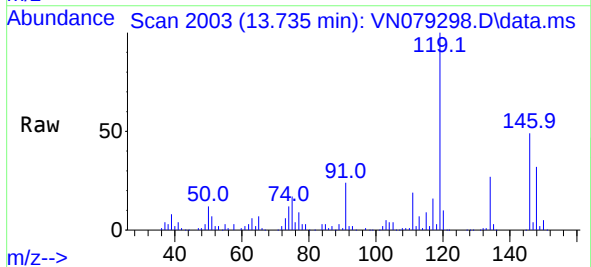
Instrument :
 MSVOA_N
 ClientSampleId :

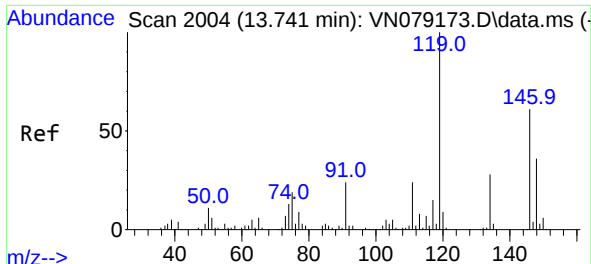
Tgt Ion:105 Resp: 229446
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 21.323 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079298.D
 Acq: 19 Sep 2023 12:50

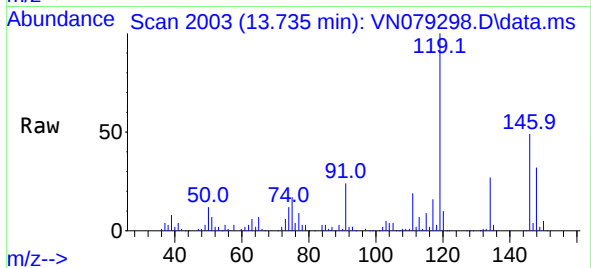
Tgt Ion:119 Resp: 185703
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.8
 91 25.7 0.0 48.0



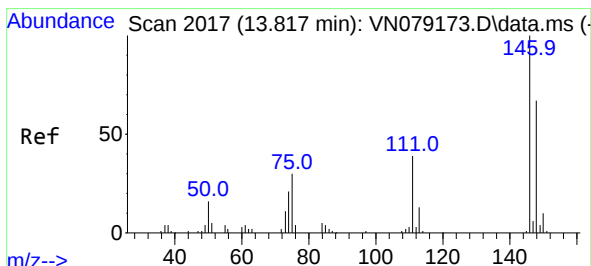
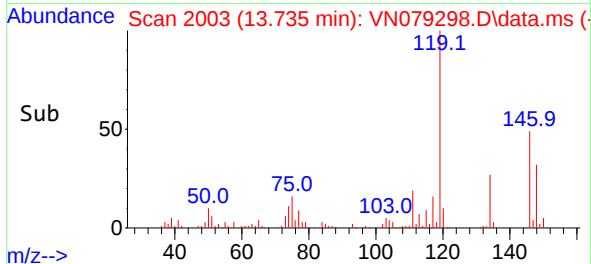
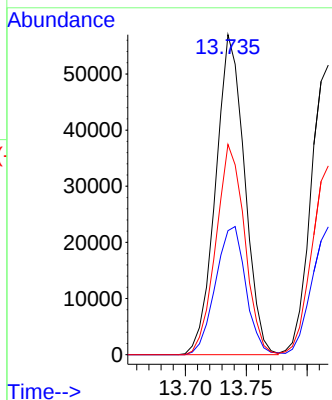


#83
1,3-Dichlorobenzene
Concen: 20.046 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

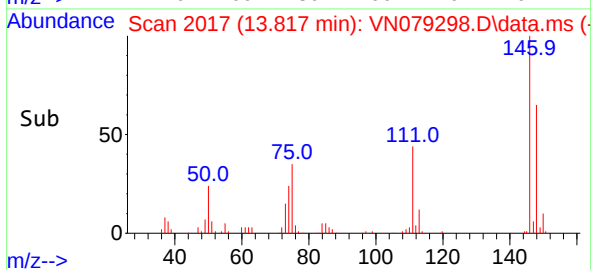
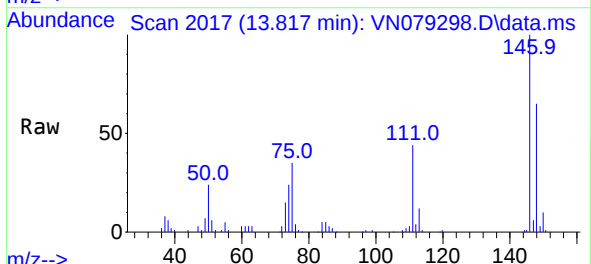
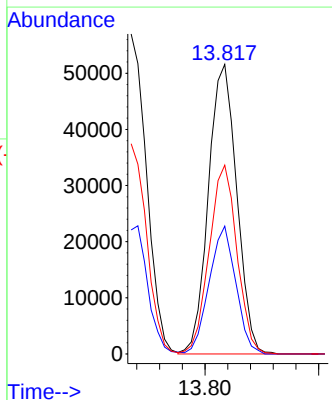


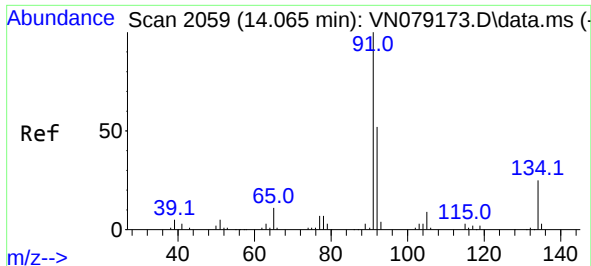
Tgt Ion:146 Resp: 94421
Ion Ratio Lower Upper
146 100
111 41.9 20.5 61.5
148 65.2 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 20.258 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion:146 Resp: 89492
Ion Ratio Lower Upper
146 100
111 41.4 19.5 58.5
148 63.9 32.1 96.5

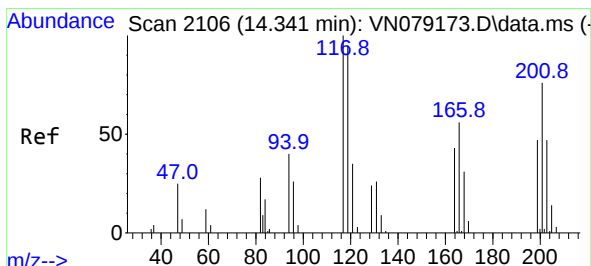
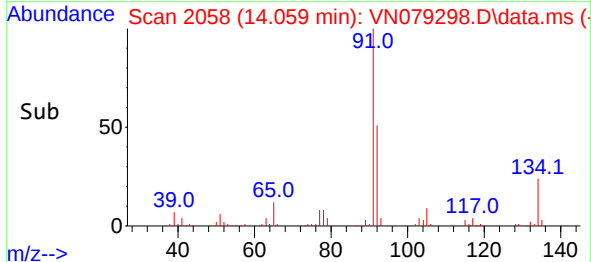
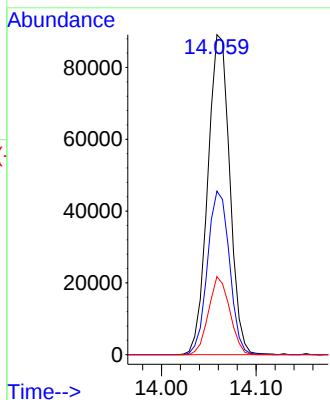
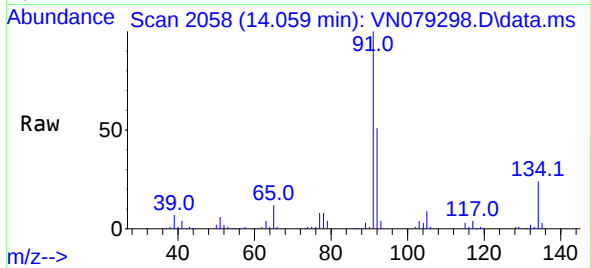




#85
n-Butylbenzene
Concen: 21.689 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

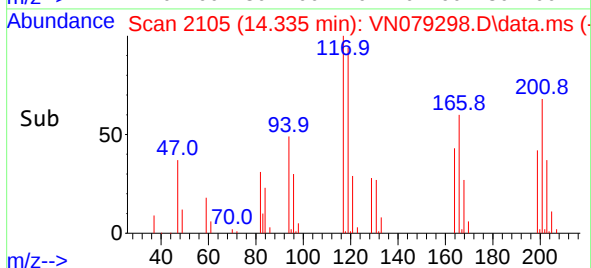
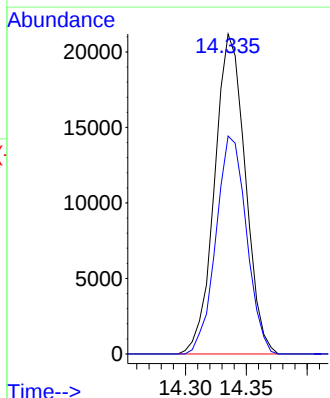
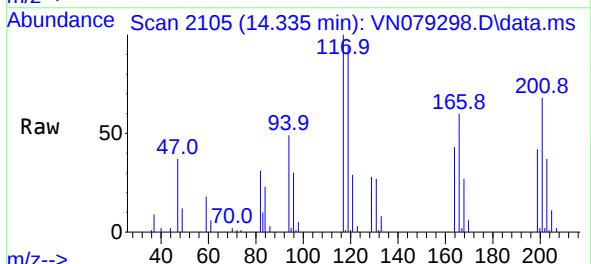
Instrument :
MSVOA_N
ClientSampleId :

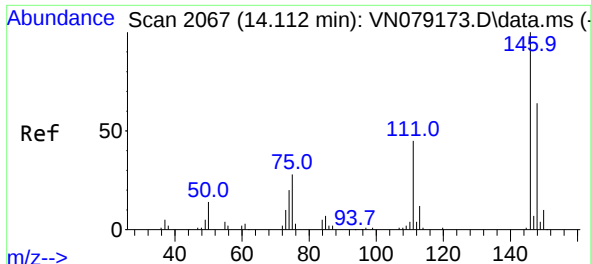
Tgt Ion: 91 Resp: 143869
Ion Ratio Lower Upper
91 100
92 51.2 0.0 105.0
134 23.5 0.0 49.6



#86
Hexachloroethane
Concen: 21.538 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion: 117 Resp: 37139
Ion Ratio Lower Upper
117 100
201 67.8 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 20.043 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

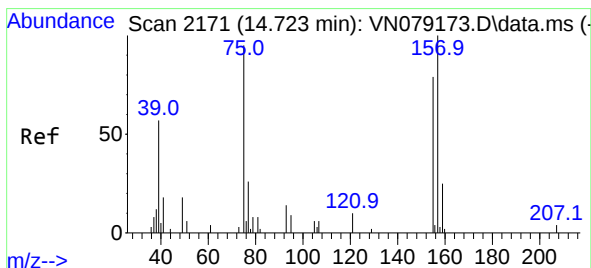
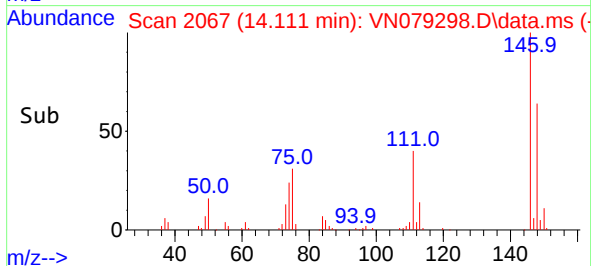
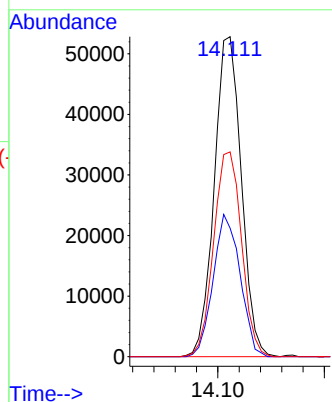
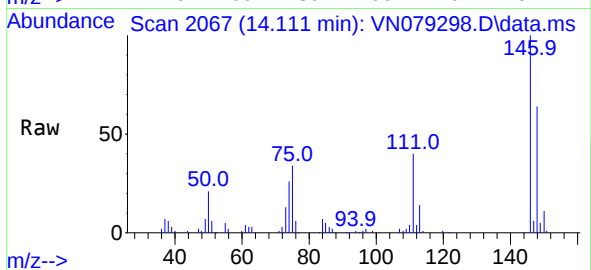
Tgt Ion:146 Resp: 93165

Ion Ratio Lower Upper

146 100

111 44.2 21.5 64.5

148 65.9 31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.472 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079298.D

Acq: 19 Sep 2023 12:50

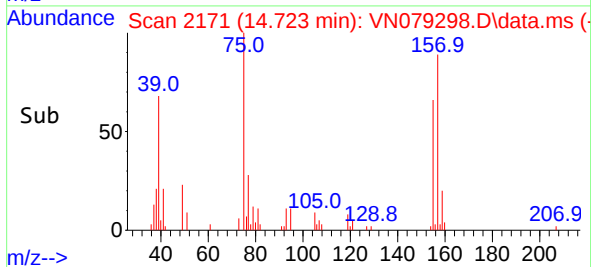
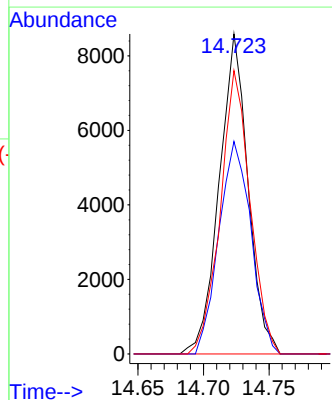
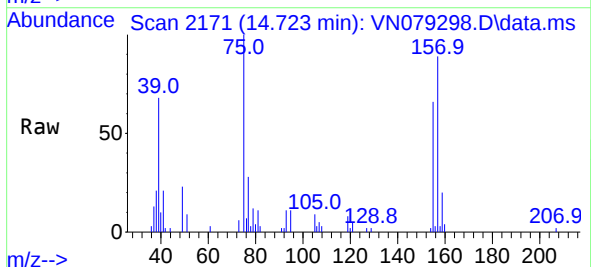
Tgt Ion: 75 Resp: 13117

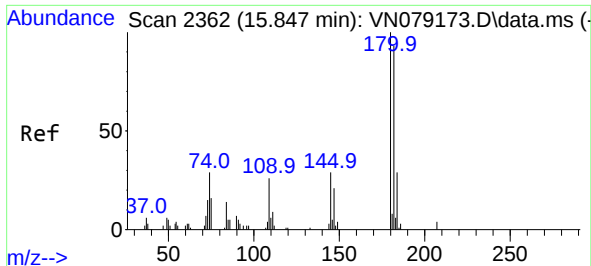
Ion Ratio Lower Upper

75 100

155 73.9 68.1 102.1

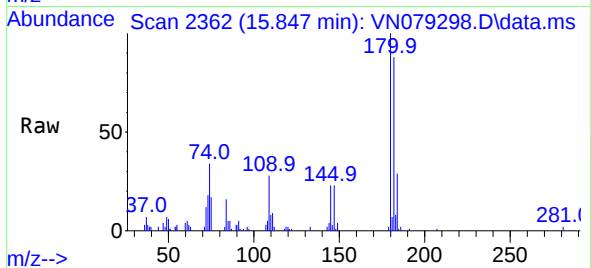
157 91.3 83.9 125.9



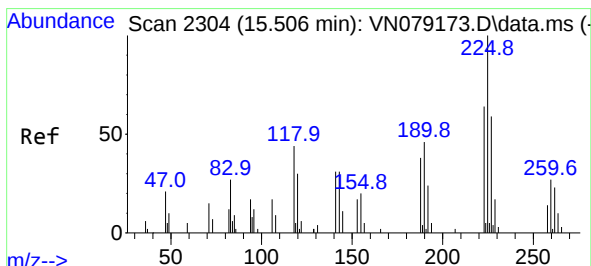
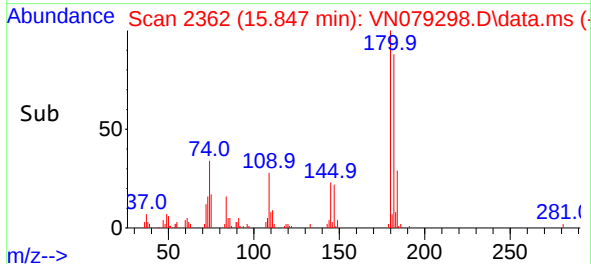
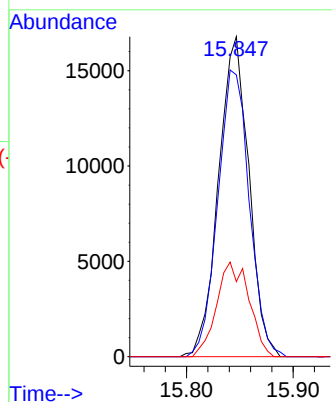


#89
1,2,4-Trichlorobenzene
Concen: 16.678 ug/l
RT: 15.847 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

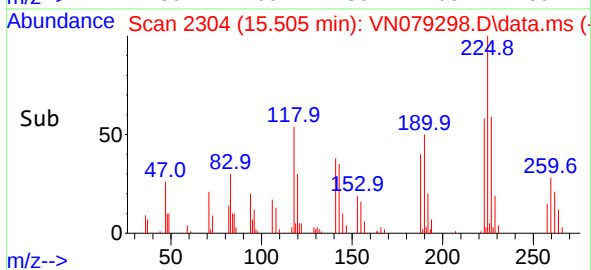
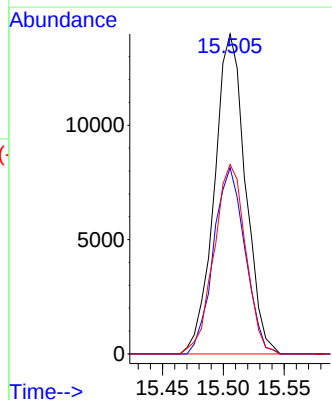
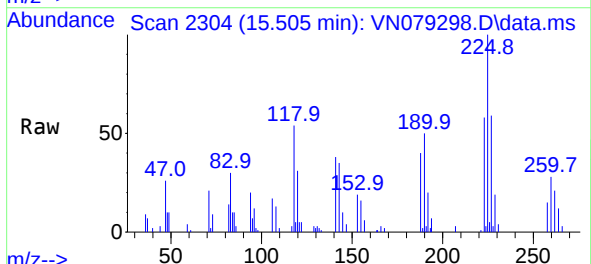


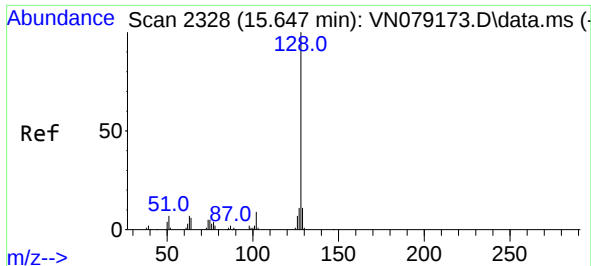
Tgt Ion:180 Resp: 33174
Ion Ratio Lower Upper
180 100
182 92.8 74.5 111.7
145 31.6 26.2 39.2



#90
Hexachlorobutadiene
Concen: 20.619 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion:225 Resp: 24912
Ion Ratio Lower Upper
225 100
223 58.8 0.0 125.6
227 60.2 0.0 124.0

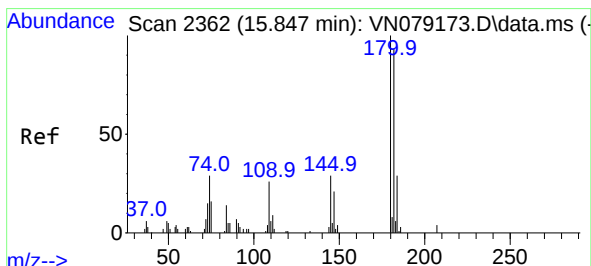
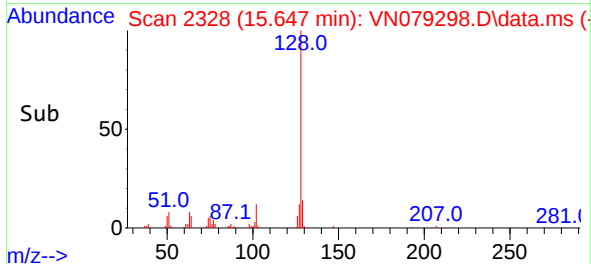
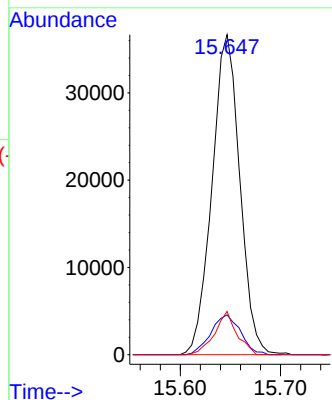
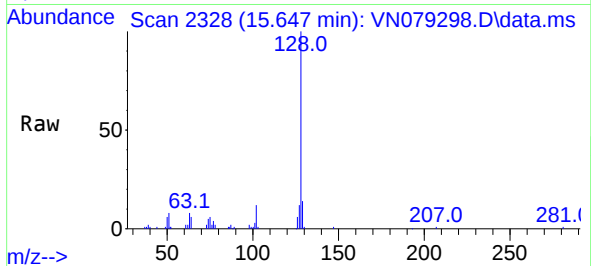




#91
Naphthalene
Concen: 13.585 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	70614
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.5	12.7



#92
1,2,3-Trichlorobenzene
Concen: 16.678 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079298.D
Acq: 19 Sep 2023 12:50

Tgt Ion:	180	Resp:	33174
Ion	Ratio	Lower	Upper
180	100		
182	92.8	0.0	186.2
145	31.6	0.0	65.4

