

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018218.D
 Acq On : 22 Feb 2021 12:26
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 23 00:37:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 23 00:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	439246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	395172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	202785	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	500451	104.12	ug/L	0.00
7) Chloroethane-d5	2.891	69	394350	106.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	1018442	103.70	ug/L	0.00
20) 2-Butanone-d5	7.074	46	216725	216.44	ug/L	0.00
24) Chloroform-d	7.647	84	1046856	103.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	507731	101.18	ug/L	0.00
29) Benzene-d6	8.275	84	2042194	102.83	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	569523	104.37	ug/L	0.00
37) Toluene-d8	10.323	98	1950079	101.64	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	277974	112.03	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	194268	227.21	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	442939	101.75	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	706971	100.17	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	568098	104.80	ug/L	98
3) Chloromethane	2.221	50	443752	108.11	ug/L	100
5) Vinyl chloride	2.367	62	602019	99.97	ug/L	99
6) Bromomethane	2.782	94	412841	101.39	ug/L	98
8) Chloroethane	2.928	64	349321	103.19	ug/L	96
9) Trichlorofluoromethane	3.263	101	489385	111.06	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	580930	101.72	ug/L	100
12) 1,1-Dichloroethene	4.044	96	582584	103.64	ug/L	96
13) Acetone	4.129	43	141369	191.40	ug/L	98
14) Carbon disulfide	4.391	76	1706991	98.62	ug/L	99
15) Methyl Acetate	4.665	43	190677	104.18	ug/L	98
16) Methylene chloride	4.915	84	544546	92.06	ug/L	99
17) Methyl tert-butyl Ether	5.421	73	591442	101.00	ug/L	100
18) trans-1,2-Dichloroethene	5.421	96	606586	102.05	ug/L	100
19) 1,1-Dichloroethane	6.214	63	946770	102.93	ug/L	99
21) 2-Butanone	7.165	43	239875	211.48	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	635640	105.43	ug/L	96
23) Bromochloromethane	7.506	128	294672	105.15	ug/L	90
25) Chloroform	7.677	83	1013790	102.15	ug/L	99
27) 1,2-Dichloroethane	8.397	62	608465	101.80	ug/L	99
30) Cyclohexane	7.958	56	865369	103.64	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	830919	100.59	ug/L	99
32) Carbon tetrachloride	8.067	117	826003	101.68	ug/L	99
34) Benzene	8.323	78	2187744	101.75	ug/L	100
35) Trichloroethene	9.092	95	615801	102.25	ug/L	98
36) Methylcyclohexane	9.335	83	1037212	101.30	ug/L	99
40) 1,2-Dichloropropane	9.366	63	507903	102.70	ug/L	100
41) Bromodichloromethane	9.640	83	739284	106.06	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	883127	111.72	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	541379	217.13	ug/L	99
44) Toluene	10.384	91	2406792	101.02	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	758546	111.67	ug/L	98

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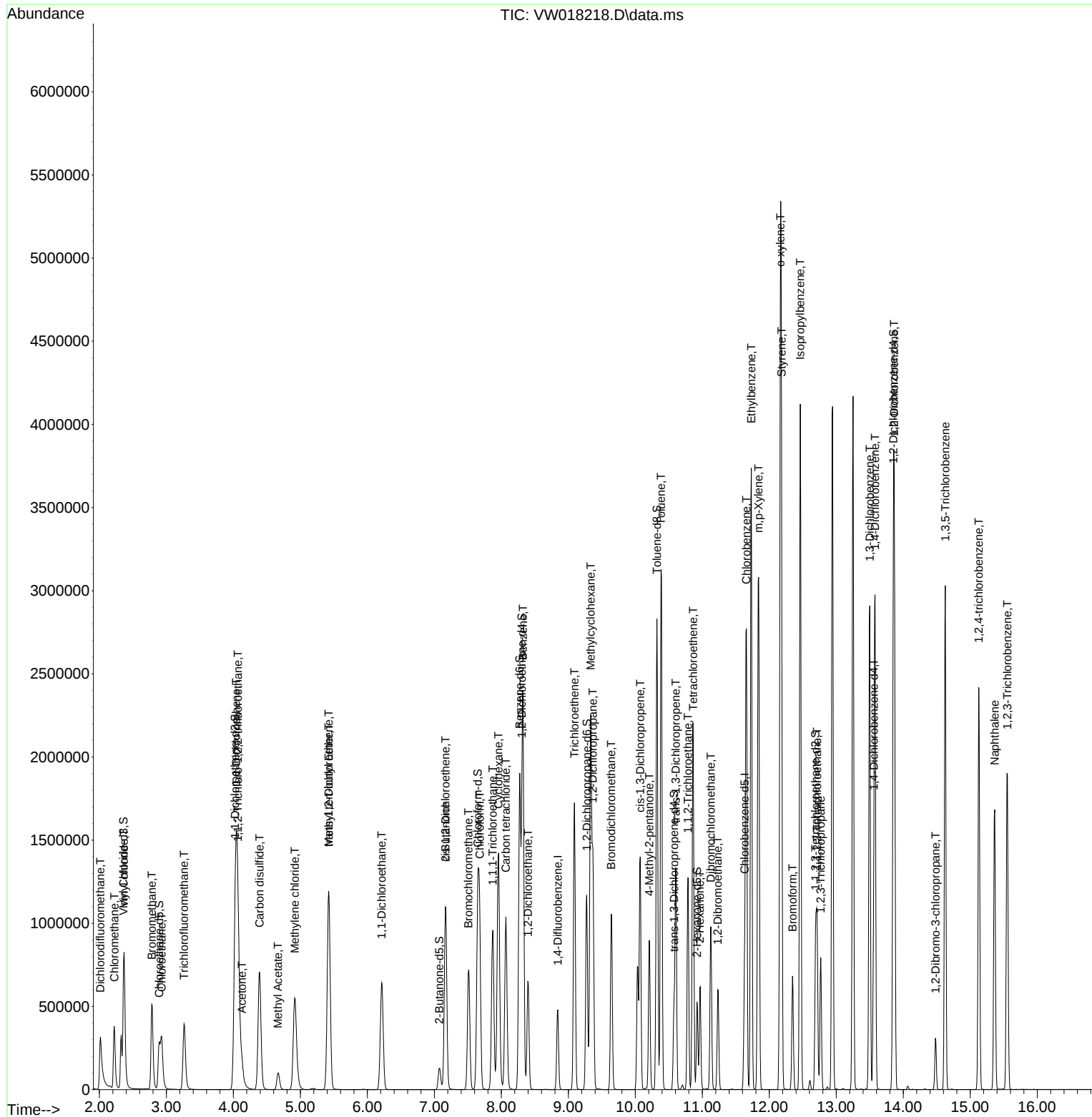
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	415533	103.94	ug/L	98
47) Tetrachloroethene	10.866	164	523209	98.53	ug/L	97
49) 2-Hexanone	10.963	43	365638	215.45	ug/L	99
50) Dibromochloromethane	11.128	129	545915	109.92	ug/L	98
51) 1,2-Dibromoethane	11.231	107	417378	106.79	ug/L	99
52) Chlorobenzene	11.658	112	1617726	102.30	ug/L	97
53) Ethylbenzene	11.731	91	2731887	101.88	ug/L	99
54) m,p-Xylene	11.841	106	1082018	103.59	ug/L	100
55) o-xylene	12.164	106	1028451	104.19	ug/L	96
56) Styrene	12.182	104	1747815	104.97	ug/L	99
57) Isopropylbenzene	12.463	105	2777183	103.30	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	455307	102.67	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	333865	101.82	ug/L	100
62) Bromoform	12.347	173	332087	112.34	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	1280642	99.33	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	1265212	98.54	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	1135085	99.82	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	77202	107.29	ug/L	98
67) 1,3,5-Trichlorobenzene	14.627	180	999155	100.17	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	821921	102.04	ug/L	99
69) Naphthalene	15.365	128	1547248	109.66	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	727471	102.72	ug/L	99

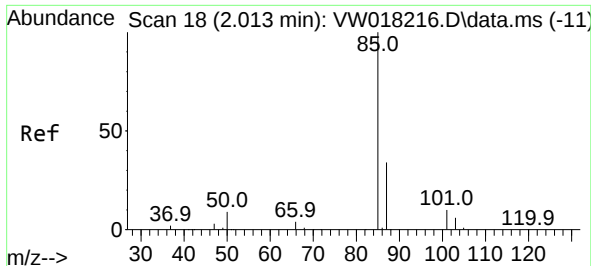
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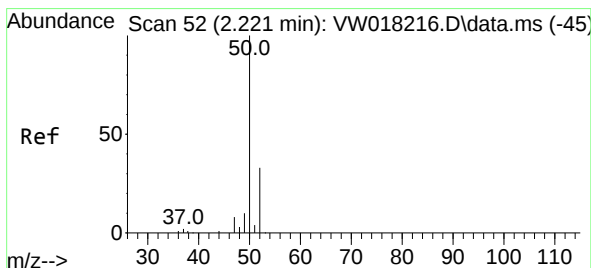
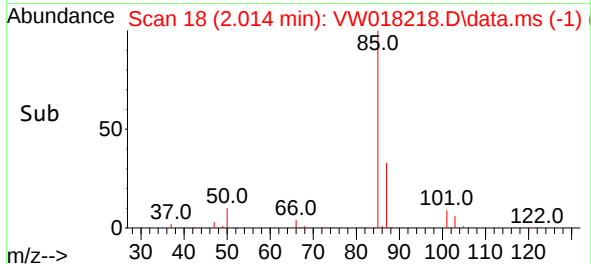
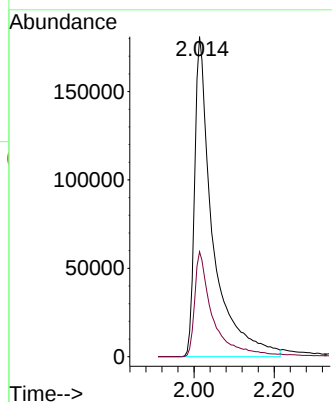
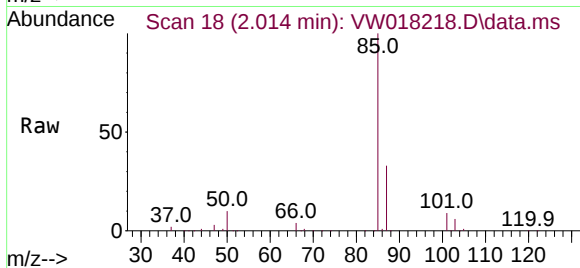




#2
 Dichlorodifluoromethane
 Concen: 104.80 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW018218.D
 Acq: 22 Feb 2021 12:26

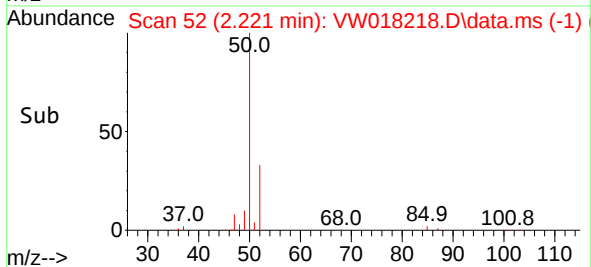
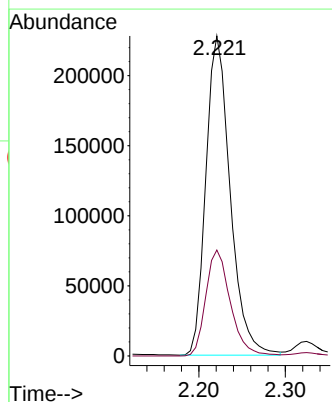
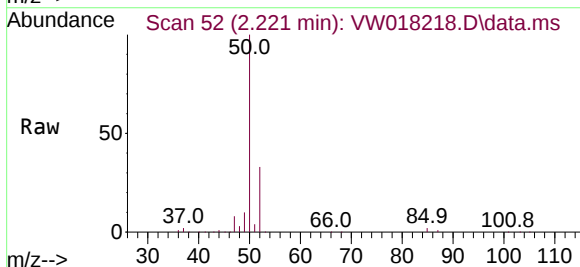
Instrument :
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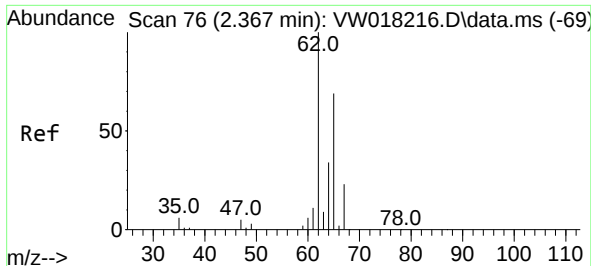
Tgt Ion: 85 Resp: 568098
 Ion Ratio Lower Upper
 85 100
 87 32.5 21.8 40.6



#3
 Chloromethane
 Concen: 108.11 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW018218.D
 Acq: 22 Feb 2021 12:26

Tgt Ion: 50 Resp: 443752
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8

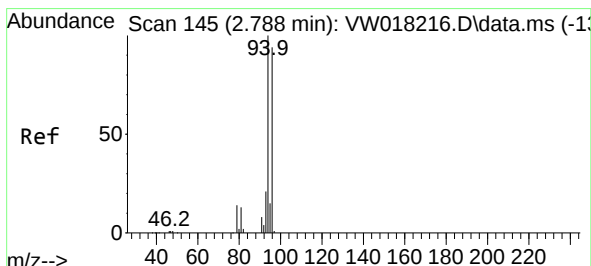
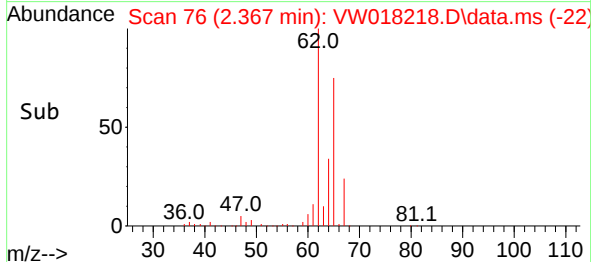
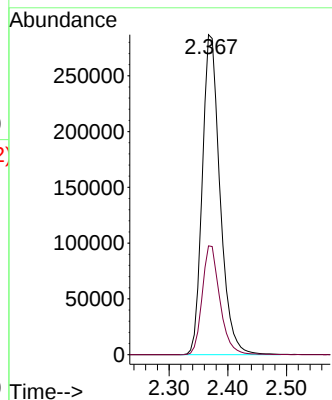
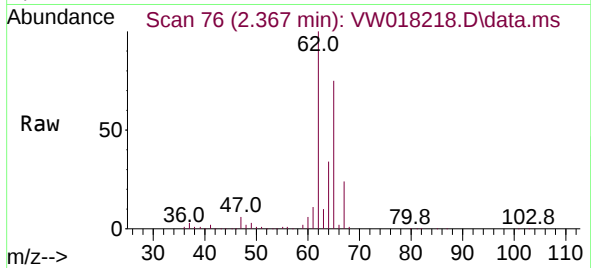




#5
 Vinyl chloride
 Concen: 99.97 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018218.D
 Acq: 22 Feb 2021 12:26

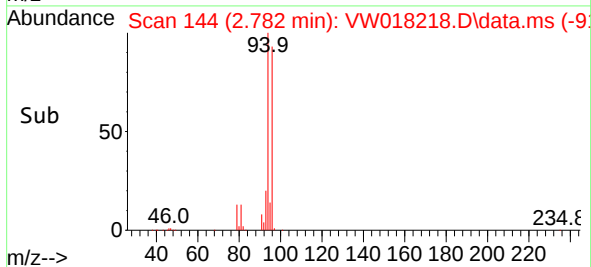
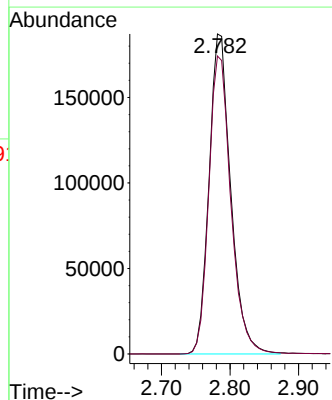
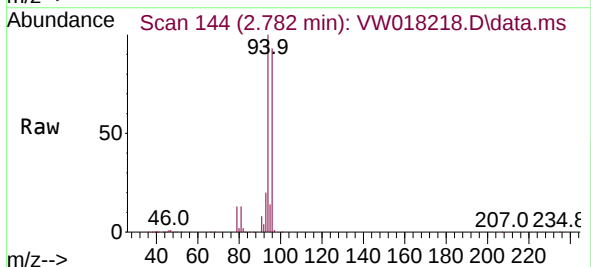
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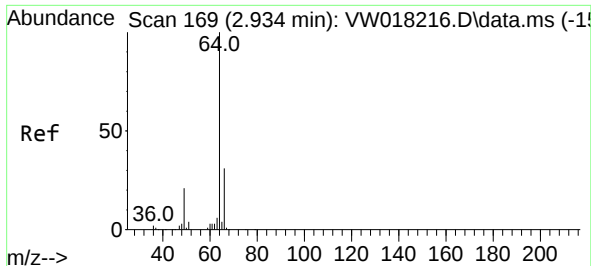
Tgt Ion: 62 Resp: 602019
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.6 43.8



#6
 Bromomethane
 Concen: 101.39 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018218.D
 Acq: 22 Feb 2021 12:26

Tgt Ion: 94 Resp: 412841
 Ion Ratio Lower Upper
 94 100
 96 94.6 9.6 182.6

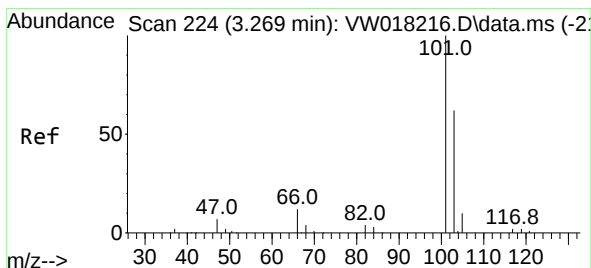
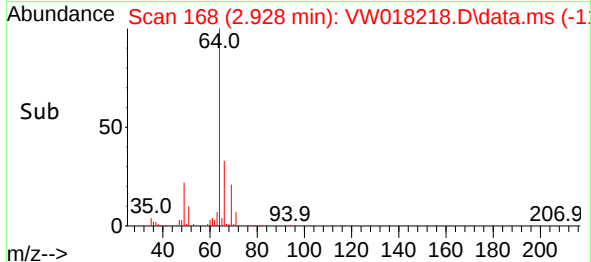
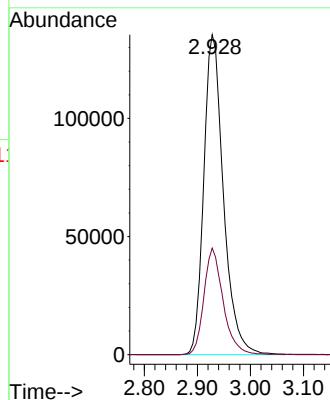
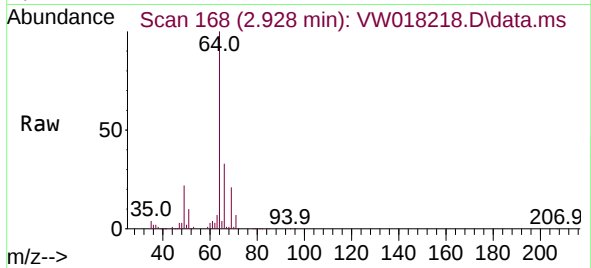




#8
Chloroethane
Concen: 103.19 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

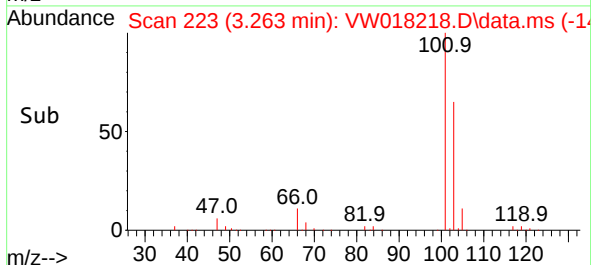
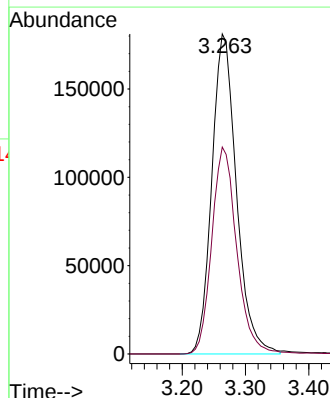
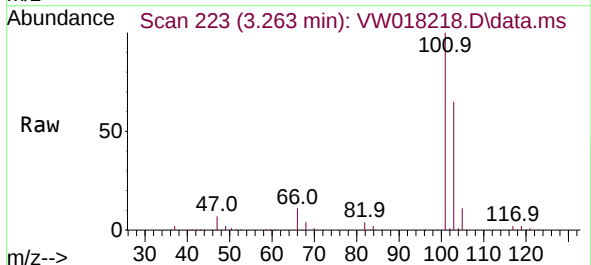
Instrument :
MSVOA_W
ClientSampled :

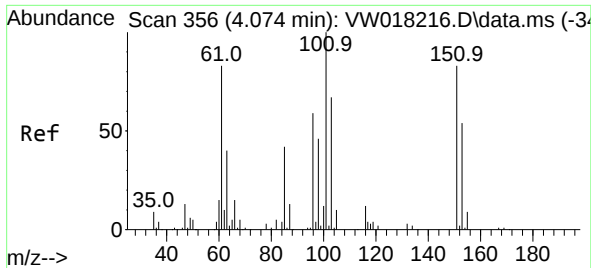
Tgt Ion: 64 Resp: 349321
Ion Ratio Lower Upper
64 100
66 33.3 21.8 40.6



#9
Trichlorofluoromethane
Concen: 111.06 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 101 Resp: 489385
Ion Ratio Lower Upper
101 100
103 65.7 45.1 83.7

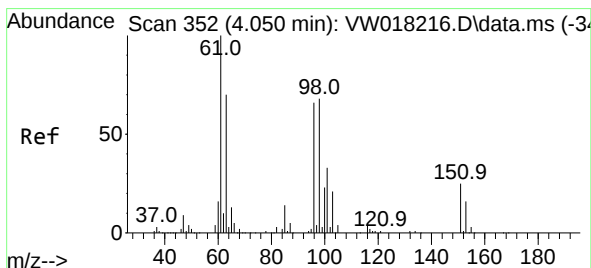
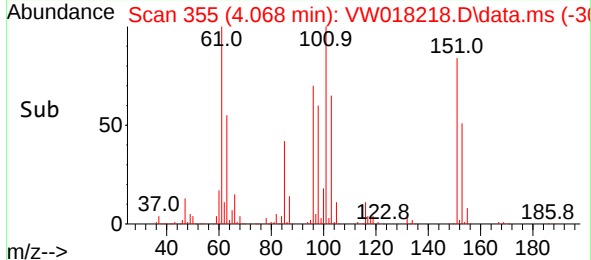
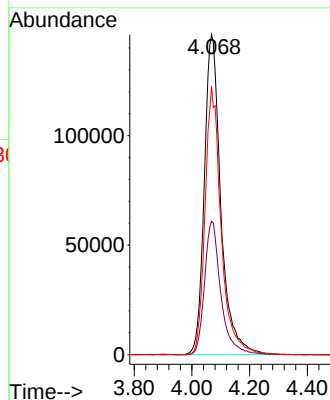
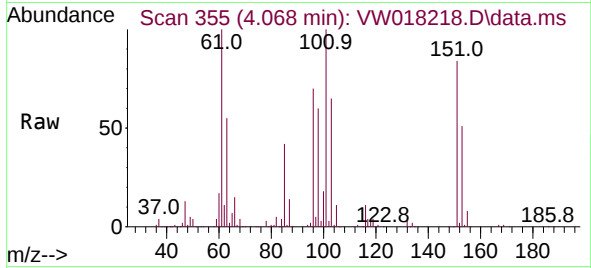




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 101.72 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

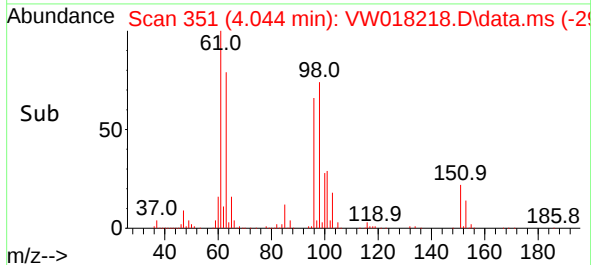
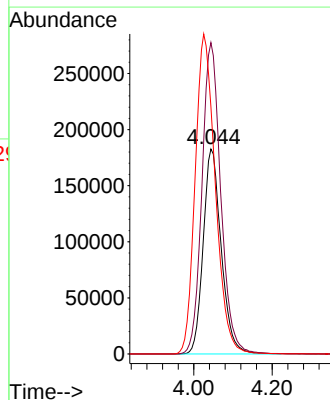
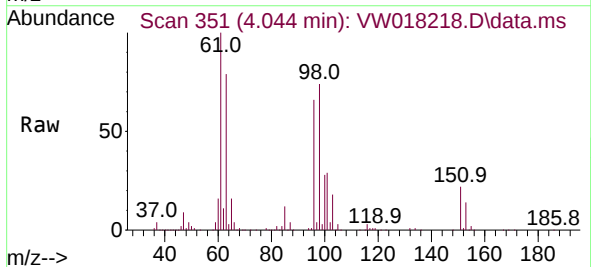
Instrument :
MSVOA_W
ClientSampled :

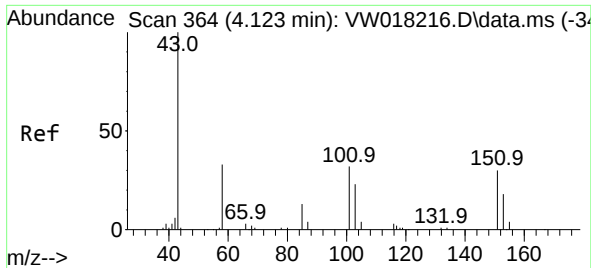
Tgt Ion:101 Resp: 580930
Ion Ratio Lower Upper
101 100
85 41.0 32.7 49.1
151 80.9 64.6 97.0



#12
1,1-Dichloroethene
Concen: 103.64 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 96 Resp: 582584
Ion Ratio Lower Upper
96 100
61 152.0 106.3 197.5
63 120.7 77.8 144.4

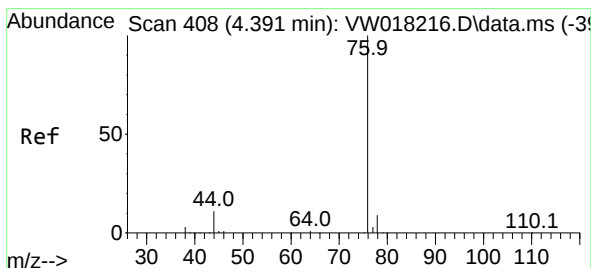
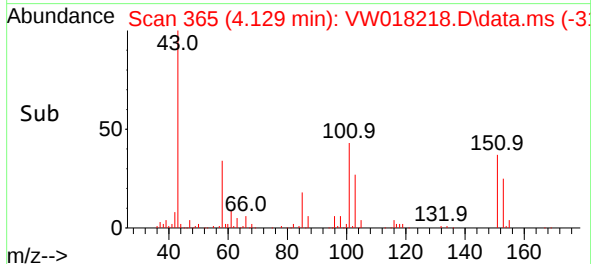
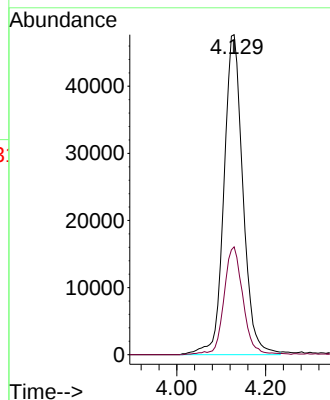
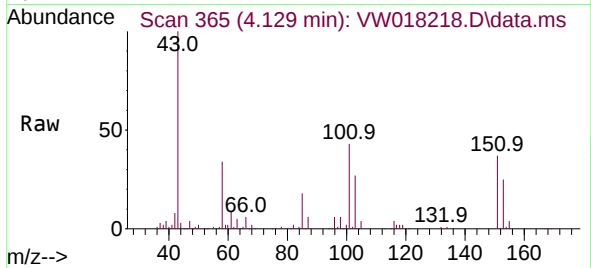




#13
Acetone
Concen: 191.40 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

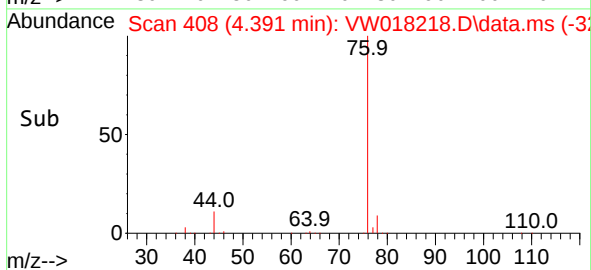
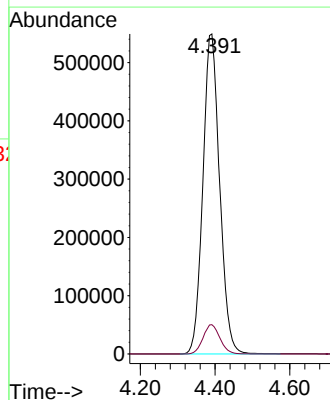
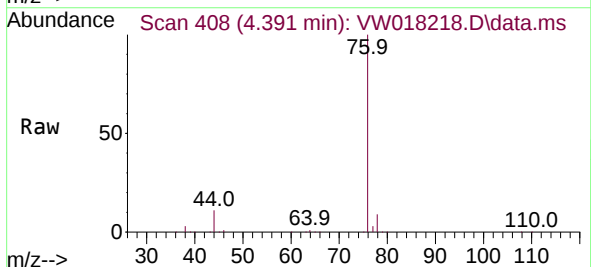
Instrument :
MSVOA_W
ClientSampled :

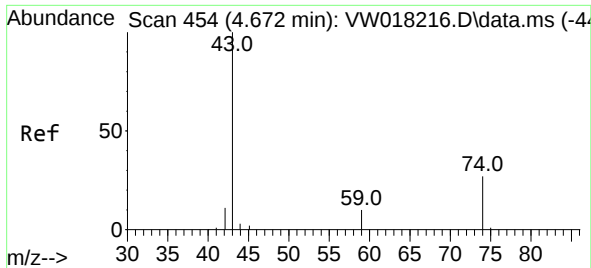
Tgt Ion: 43 Resp: 141369
Ion Ratio Lower Upper
43 100
58 33.3 0.0 64.0



#14
Carbon disulfide
Concen: 98.62 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 76 Resp: 1706991
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

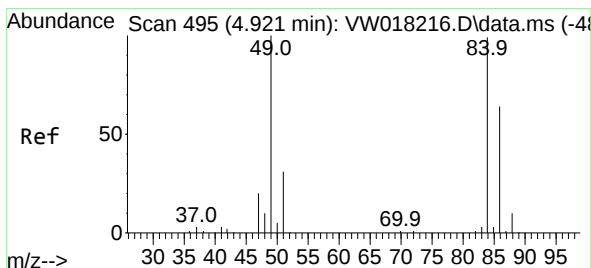
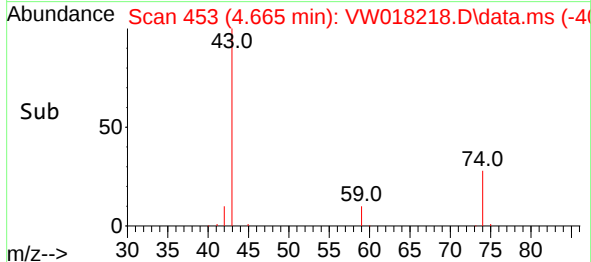
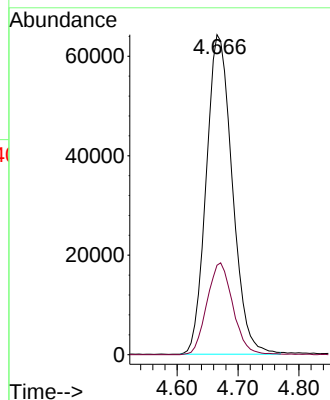
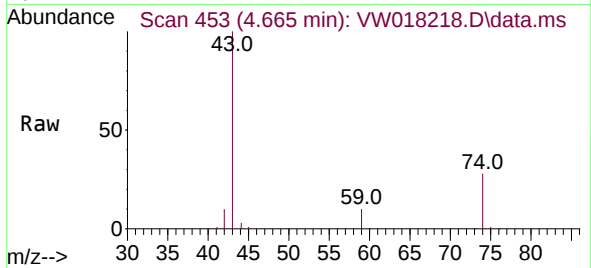




#15
Methyl Acetate
Concen: 104.18 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
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Acq: 22 Feb 2021 12:26

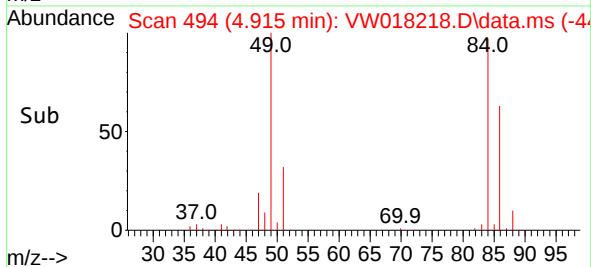
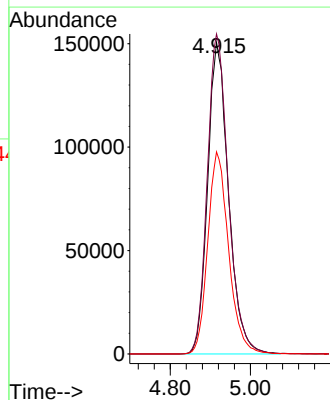
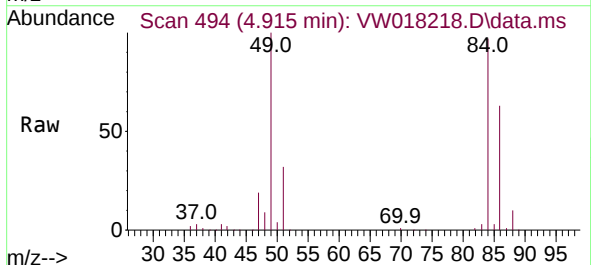
Instrument :
MSVOA_W
ClientSampled :

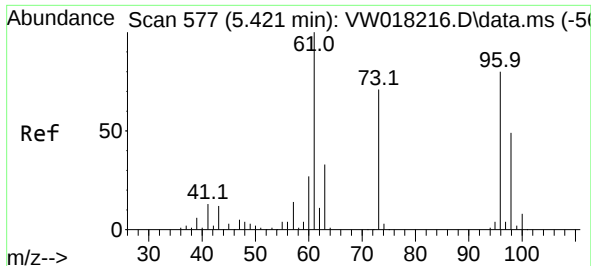
Tgt Ion: 43 Resp: 190677
Ion Ratio Lower Upper
43 100
74 28.6 22.1 33.1



#16
Methylene chloride
Concen: 92.06 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 84 Resp: 544546
Ion Ratio Lower Upper
84 100
49 102.7 70.8 131.4
86 64.8 45.4 84.4





#17

Methyl tert-butyl Ether

Concen: 101.00 ug/L

RT: 5.421 min Scan# 577

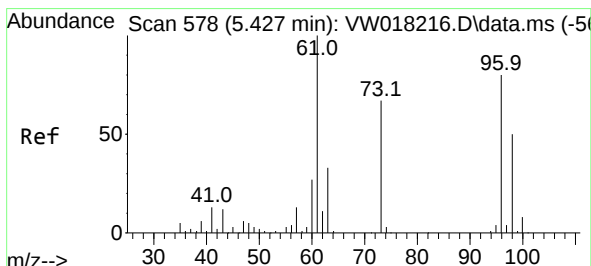
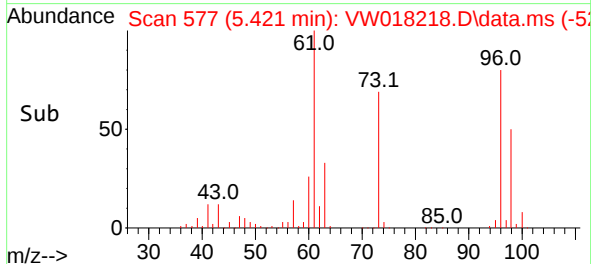
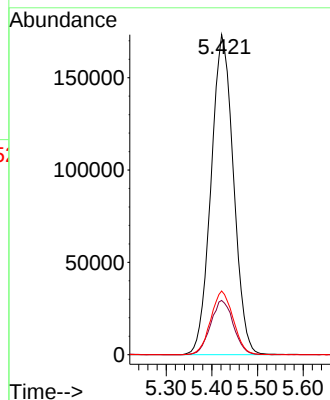
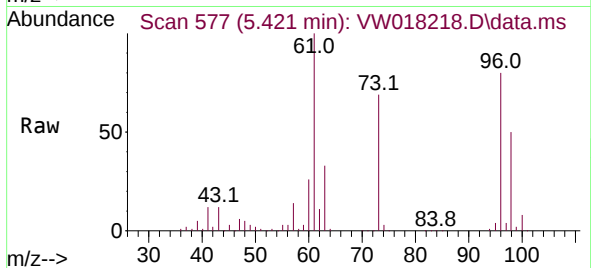
Delta R.T. 0.000 min

Lab File: VW018218.D

Acq: 22 Feb 2021 12:26

Tgt Ion: 73 Resp: 591442

Ion	Ratio	Lower	Upper
73	100		
43	17.2	14.0	21.0
57	20.0	15.9	23.9



#18

trans-1,2-Dichloroethene

Concen: 102.05 ug/L

RT: 5.421 min Scan# 577

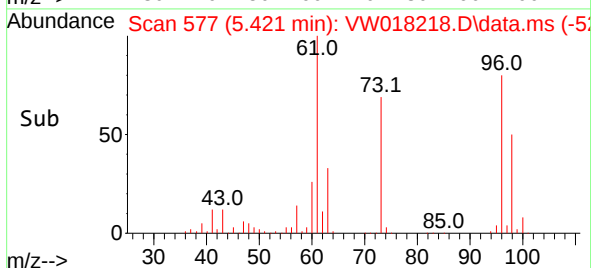
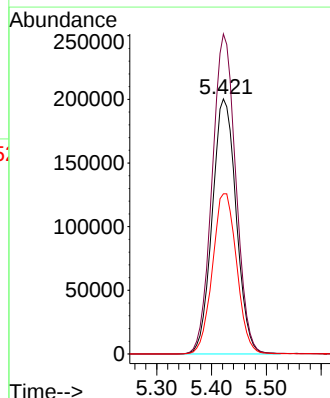
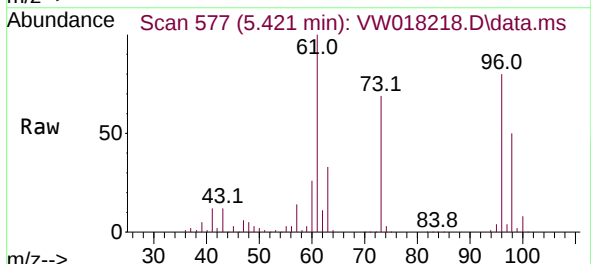
Delta R.T. -0.006 min

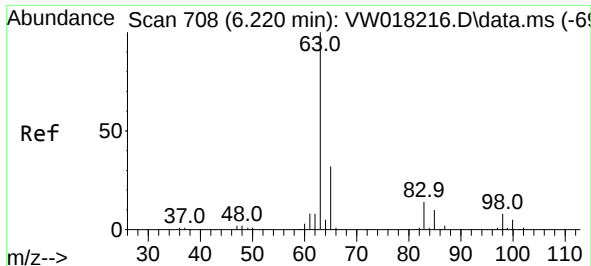
Lab File: VW018218.D

Acq: 22 Feb 2021 12:26

Tgt Ion: 96 Resp: 606586

Ion	Ratio	Lower	Upper
96	100		
61	125.5	87.9	163.3
98	62.8	43.8	81.3





#19

1,1-Dichloroethane

Concen: 102.93 ug/L

RT: 6.214 min Scan# 707

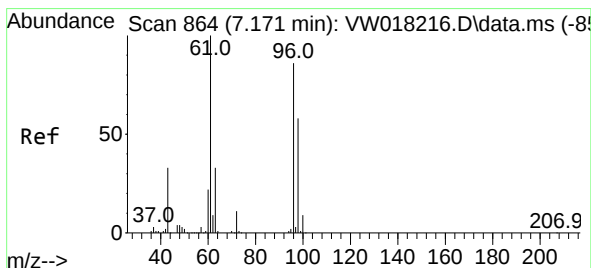
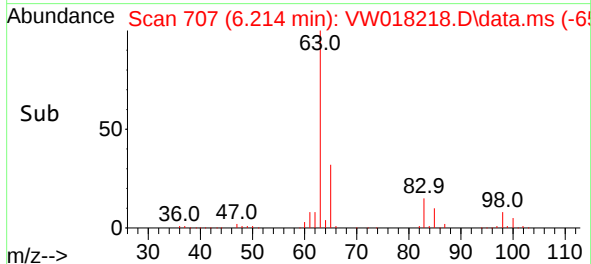
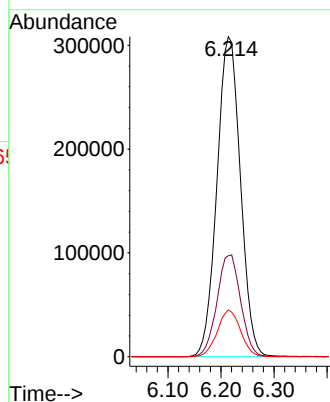
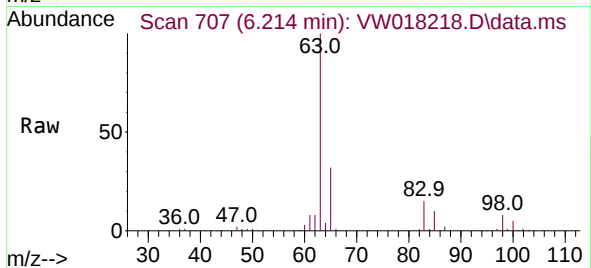
Delta R.T. -0.006 min

Lab File: VW018218.D

Acq: 22 Feb 2021 12:26

Tgt Ion: 63 Resp: 946770

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.7	42.1
83	14.6	9.9	18.3



#21

2-Butanone

Concen: 211.48 ug/L

RT: 7.165 min Scan# 863

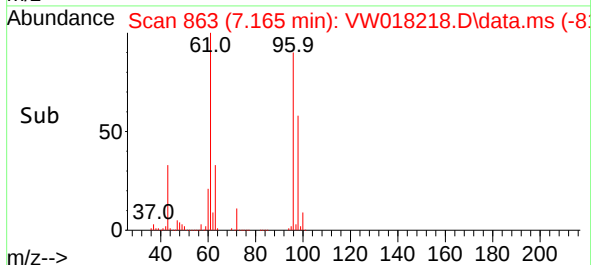
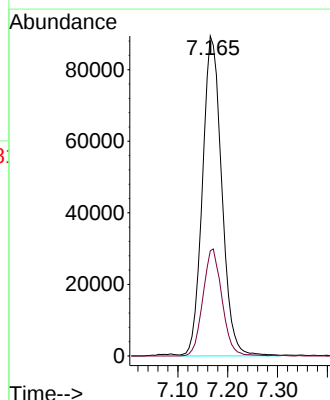
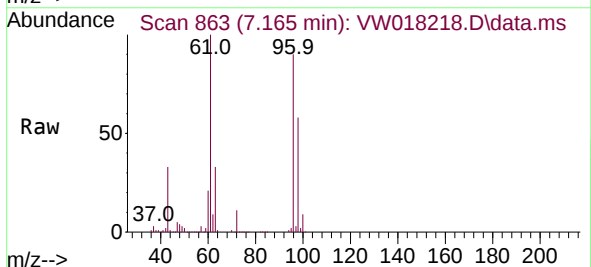
Delta R.T. -0.006 min

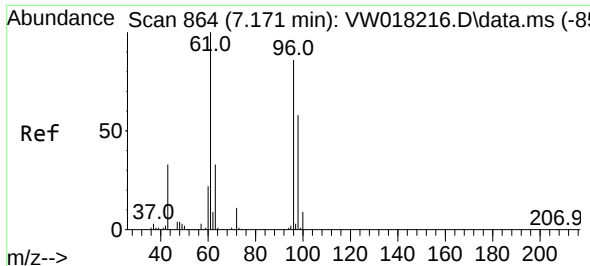
Lab File: VW018218.D

Acq: 22 Feb 2021 12:26

Tgt Ion: 43 Resp: 239875

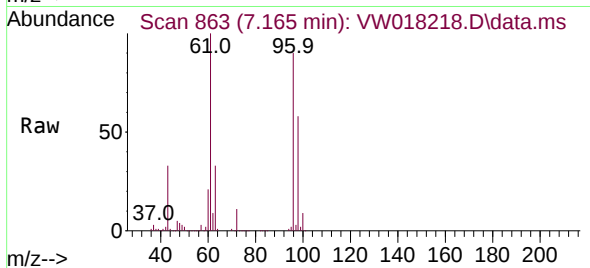
Ion	Ratio	Lower	Upper
43	100		
72	33.1	16.4	49.1



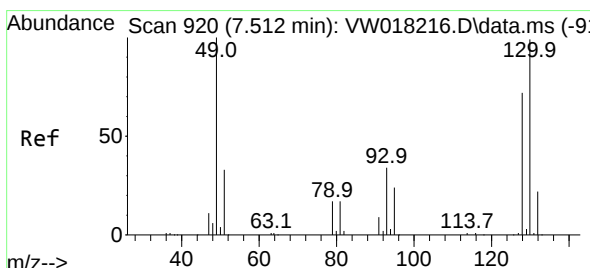
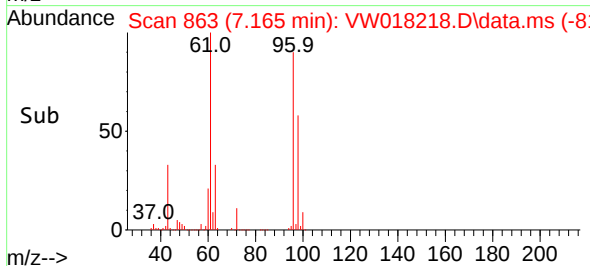
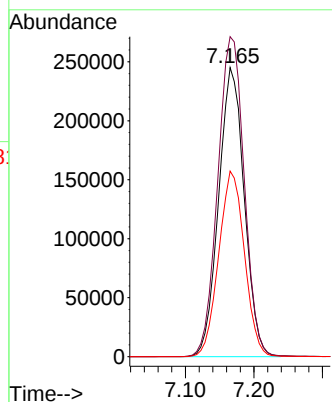


#22
cis-1,2-Dichloroethene
Concen: 105.43 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampled :

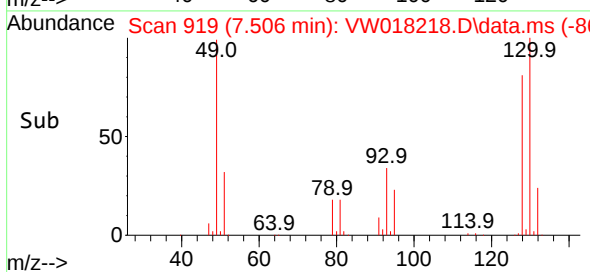
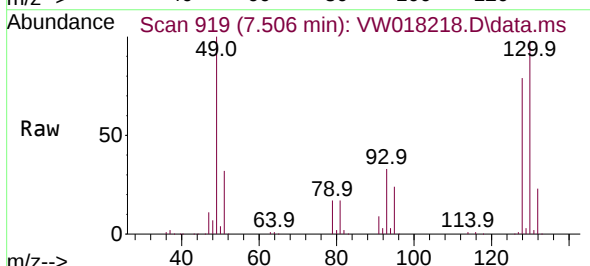
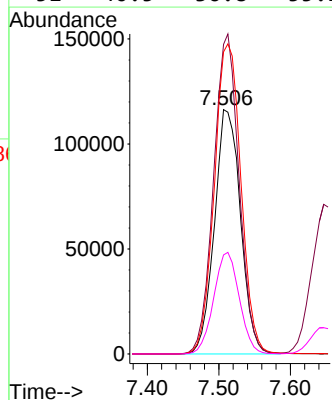


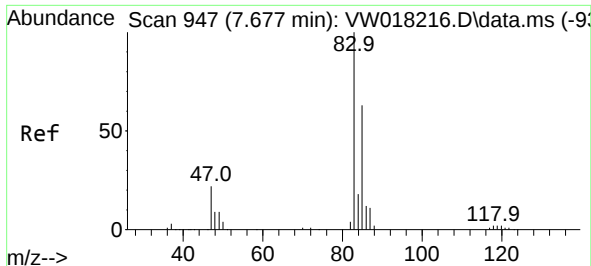
Tgt Ion: 96 Resp: 635640
Ion Ratio Lower Upper
96 100
61 110.6 81.1 150.7
98 64.2 47.0 87.4



#23
Bromochloromethane
Concen: 105.15 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 128 Resp: 294672
Ion Ratio Lower Upper
128 100
49 126.7 97.1 180.3
130 123.6 95.6 177.6
51 40.5 36.8 55.2

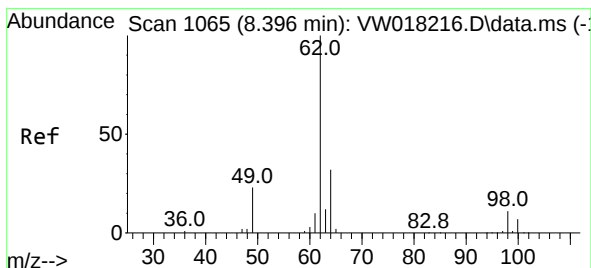
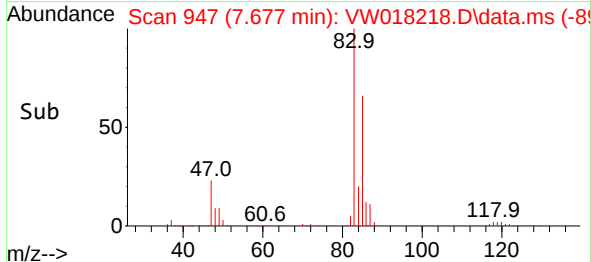
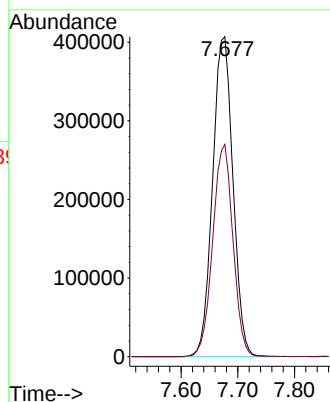
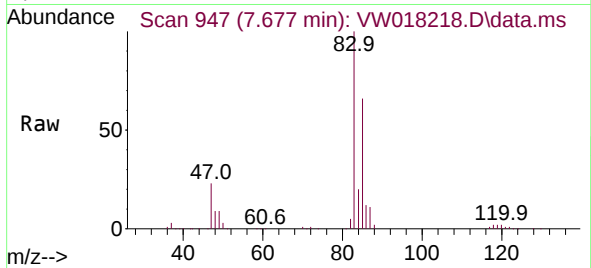




#25
Chloroform
Concen: 102.15 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

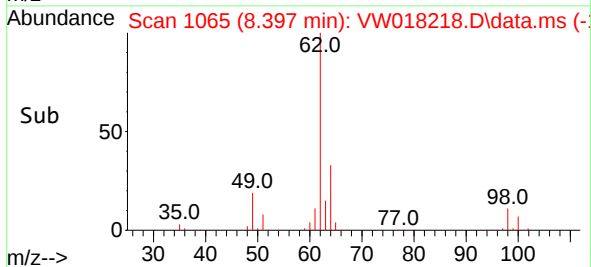
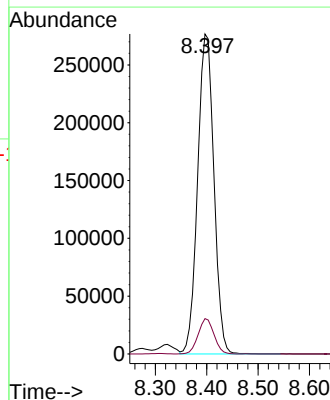
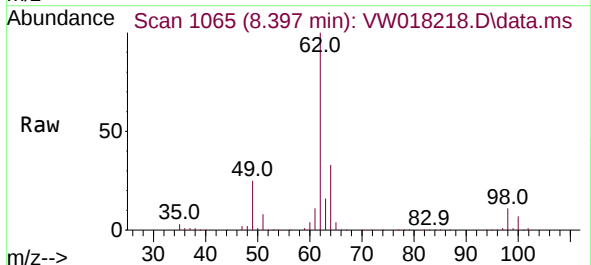
Instrument :
MSVOA_W
ClientSampleId :

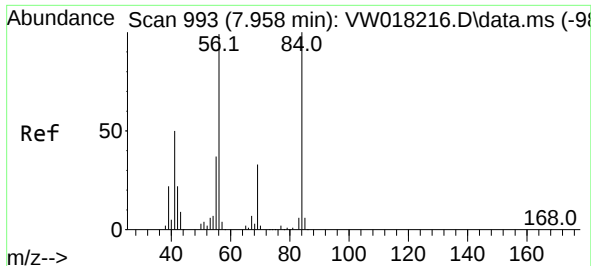
Tgt Ion: 83 Resp: 1013790
Ion Ratio Lower Upper
83 100
85 66.3 45.6 84.8



#27
1,2-Dichloroethane
Concen: 101.80 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

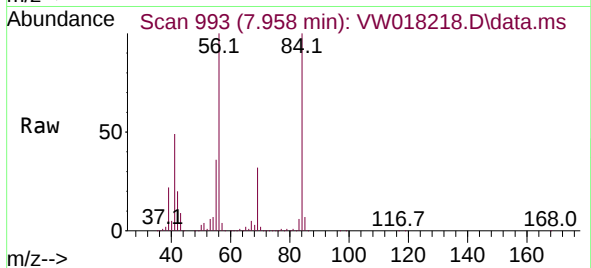
Tgt Ion: 62 Resp: 608465
Ion Ratio Lower Upper
62 100
98 11.1 8.4 12.6



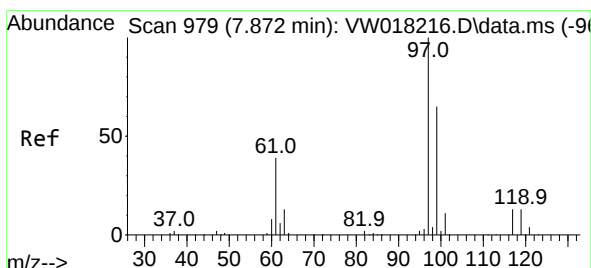
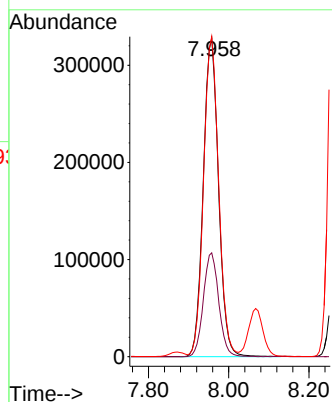
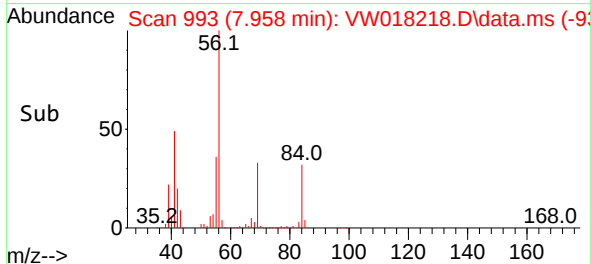


#30
Cyclohexane
Concen: 103.64 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

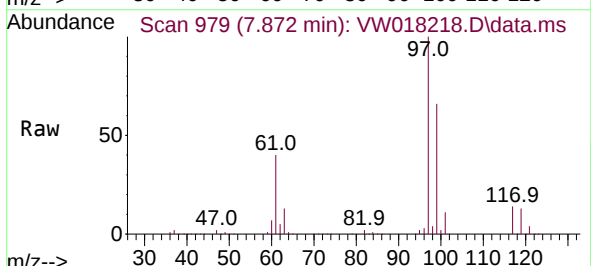
Instrument :
MSVOA_W
ClientSampleId :



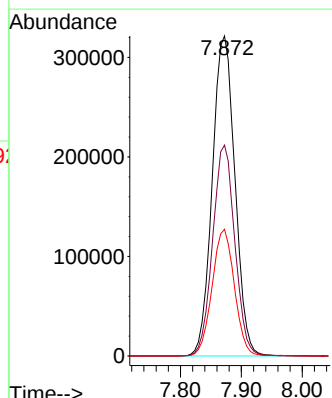
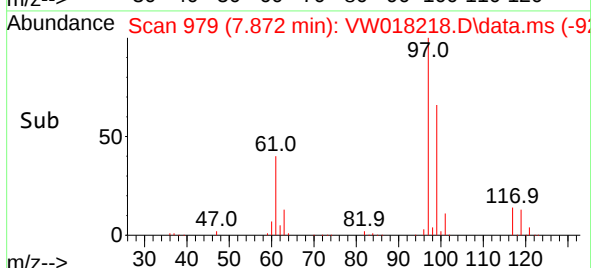
Tgt Ion: 56 Resp: 865369
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 99.3 79.4 119.2

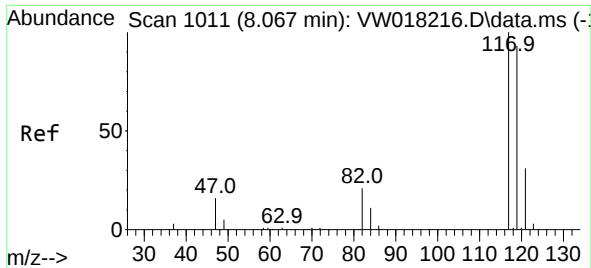


#31
1,1,1-Trichloroethane
Concen: 100.59 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26



Tgt Ion: 97 Resp: 830919
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 38.9 32.0 48.0

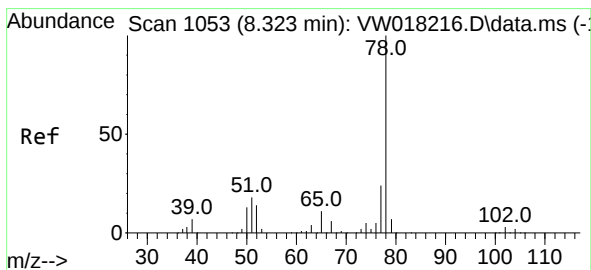
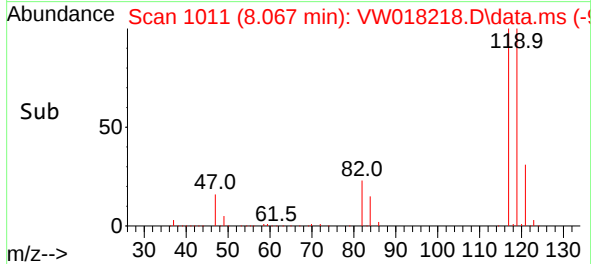
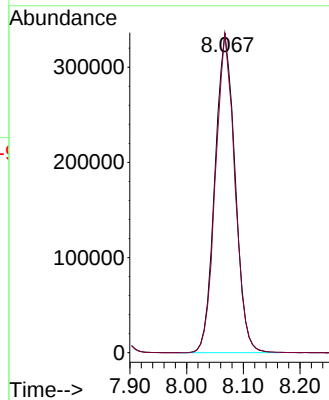
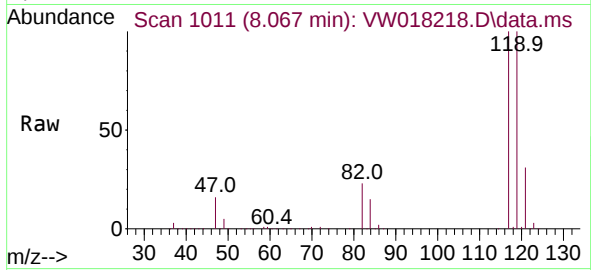




#32
Carbon tetrachloride
Concen: 101.68 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

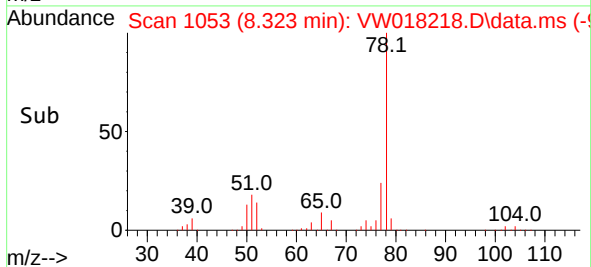
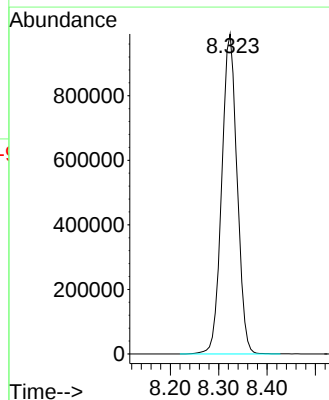
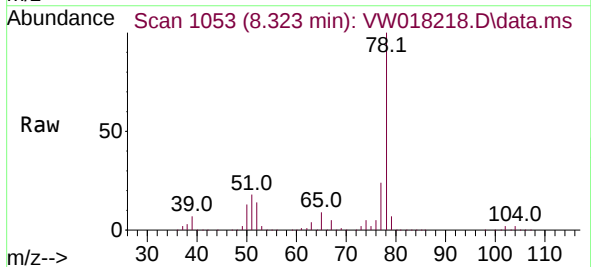
Instrument :
MSVOA_W
ClientSampleId :

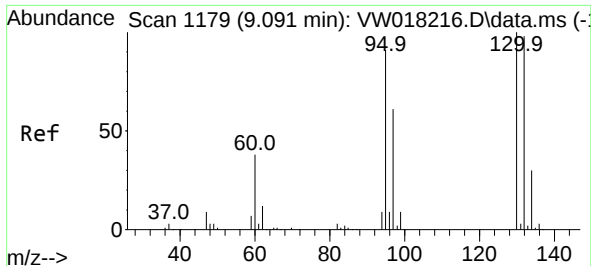
Tgt Ion:117 Resp: 826003
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#34
Benzene
Concen: 101.75 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 78 Resp: 2187744

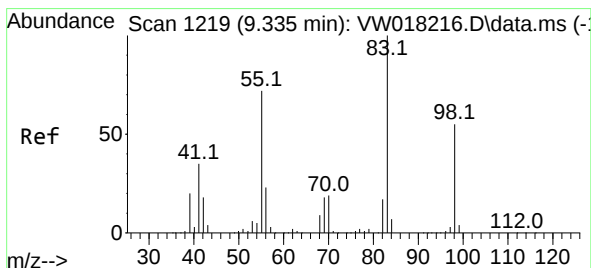
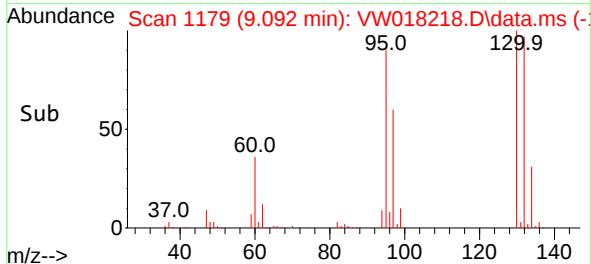
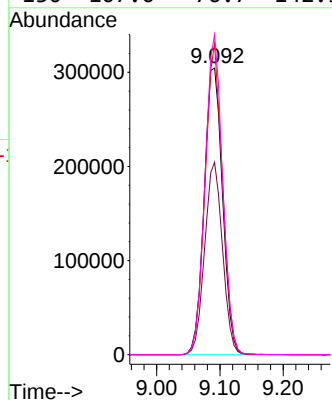
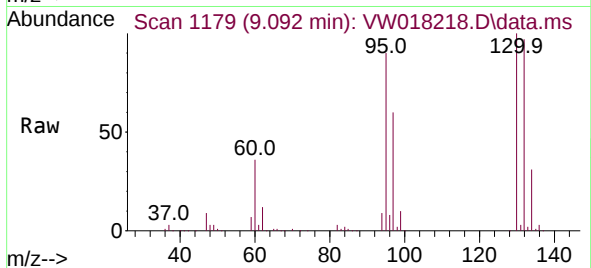




#35
Trichloroethene
Concen: 102.25 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

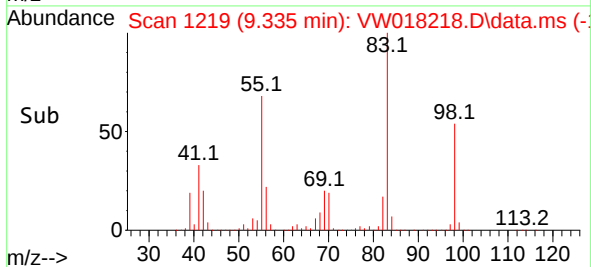
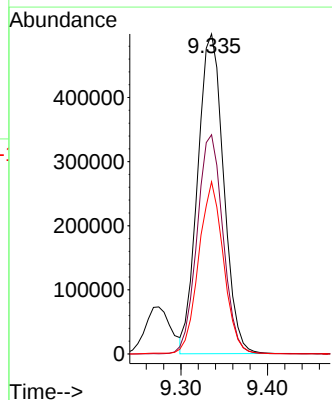
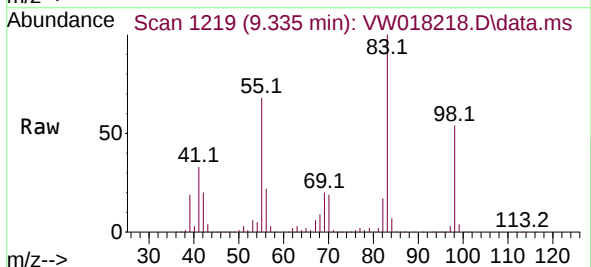
Instrument :
MSVOA_W
ClientSampleId :

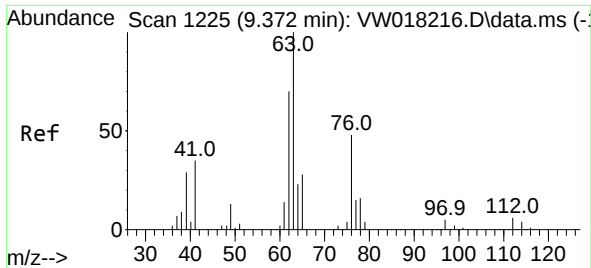
Tgt Ion: 95 Resp: 615801
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.5
132 103.0 73.6 136.8
130 107.0 76.7 142.5



#36
Methylcyclohexane
Concen: 101.30 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 83 Resp: 1037212
Ion Ratio Lower Upper
83 100
55 68.7 55.4 83.0
98 51.8 40.6 61.0

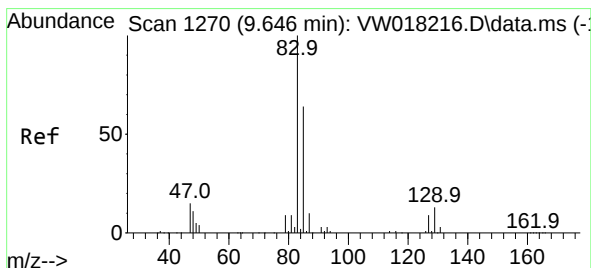
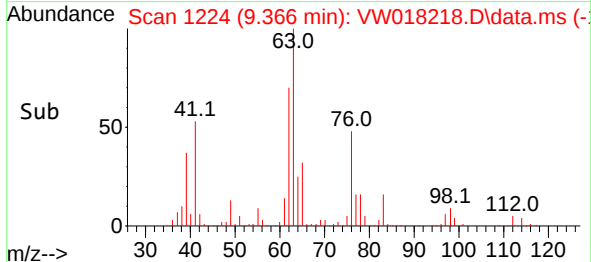
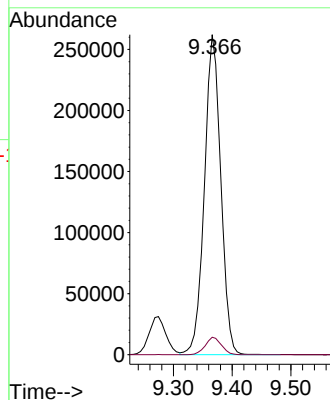
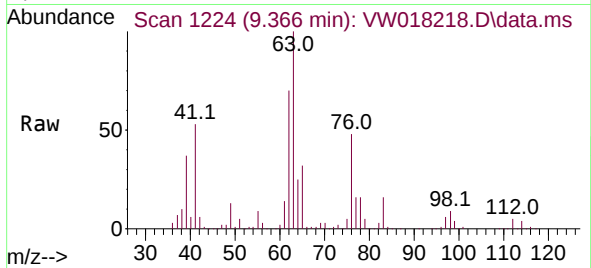




#40
1,2-Dichloropropane
Concen: 102.70 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

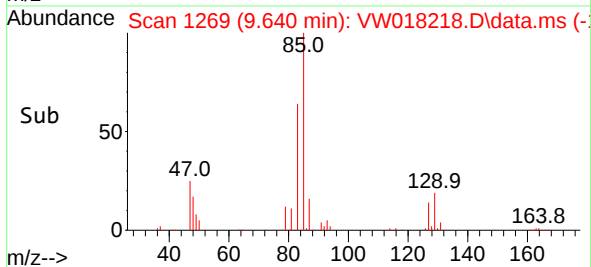
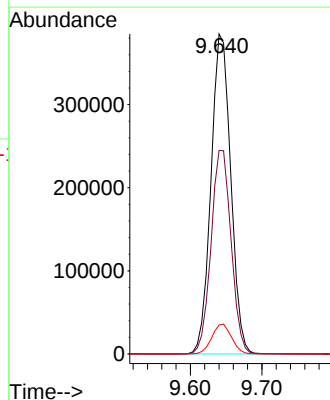
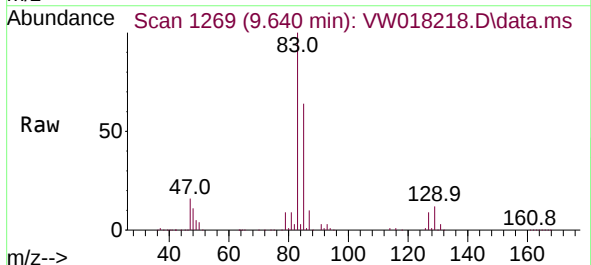
Instrument :
MSVOA_W
ClientSampled :

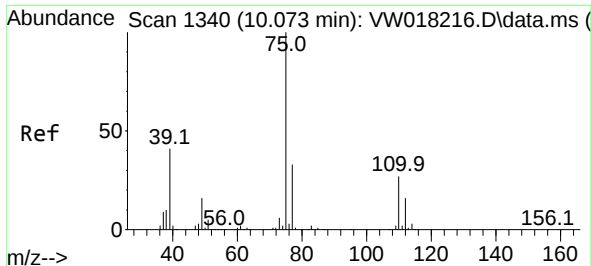
Tgt Ion: 63 Resp: 507903
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 106.06 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 83 Resp: 739284
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.3
127 9.1 7.6 11.4

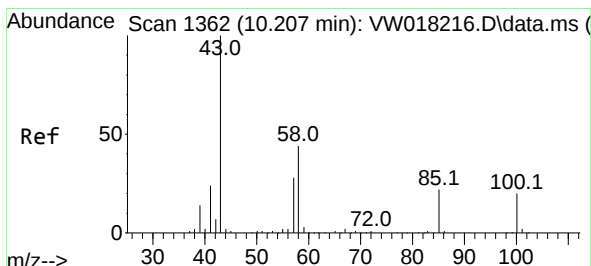
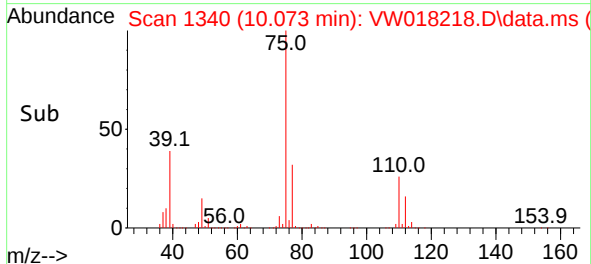
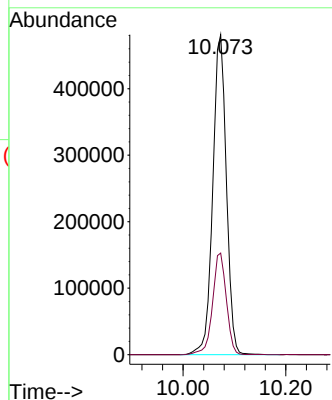
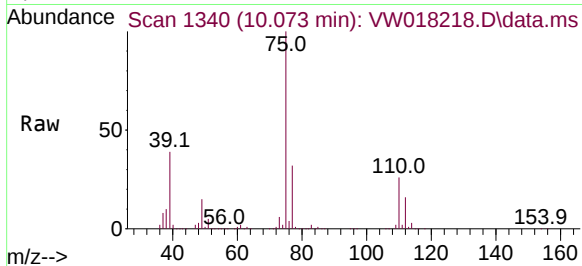




#42
cis-1,3-Dichloropropene
Concen: 111.72 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

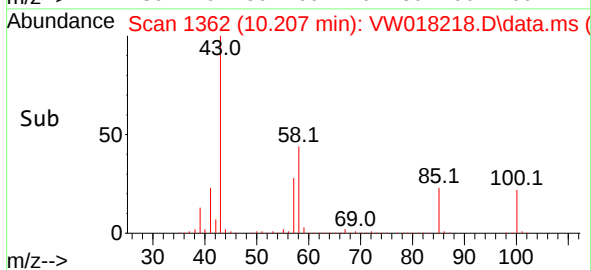
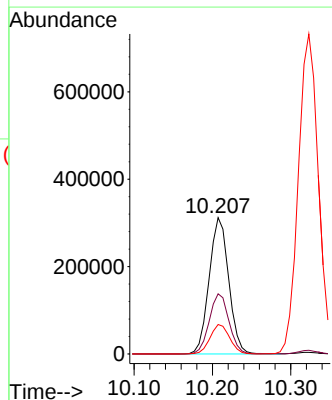
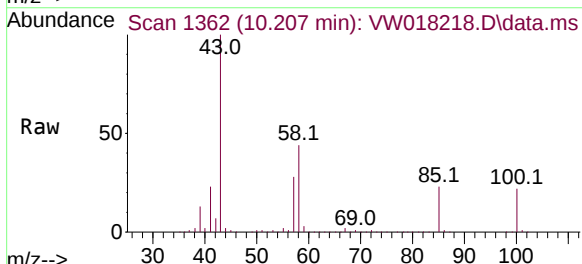
Instrument :
MSVOA_W
ClientSampled :

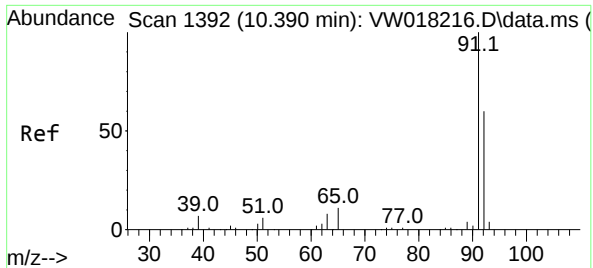
Tgt Ion: 75 Resp: 883127
Ion Ratio Lower Upper
75 100
77 31.7 22.9 42.5



#43
4-Methyl-2-pentanone
Concen: 217.13 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 43 Resp: 541379
Ion Ratio Lower Upper
43 100
58 44.4 35.4 53.0
100 21.5 16.7 25.1

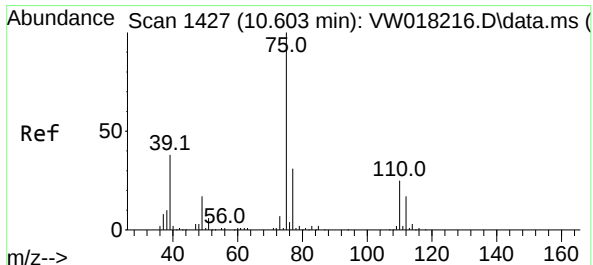
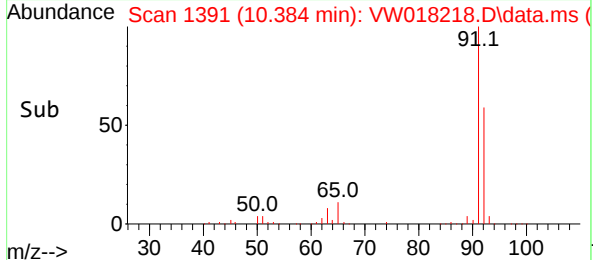
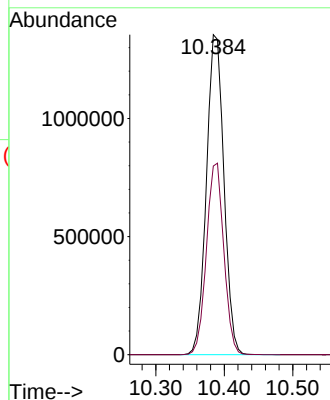
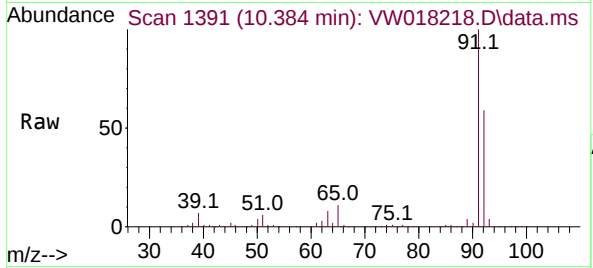




#44
Toluene
Concen: 101.02 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

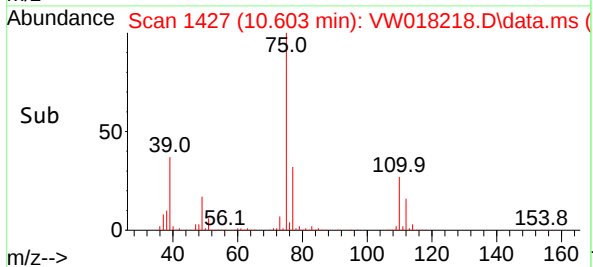
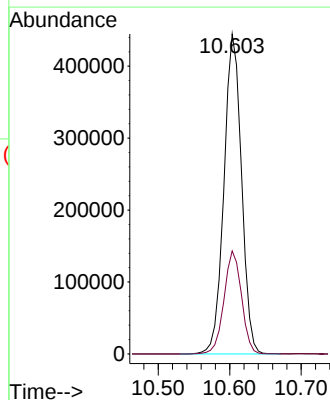
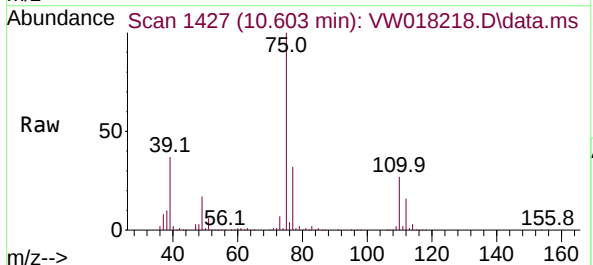
Instrument :
MSVOA_W
ClientSampled :

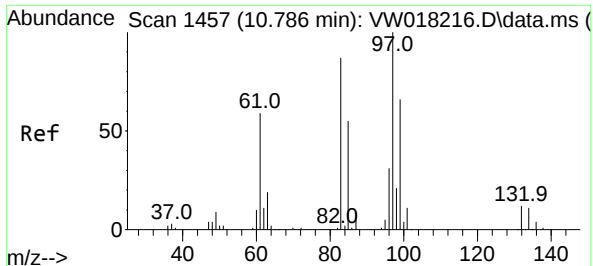
Tgt Ion: 91 Resp: 2406792
Ion Ratio Lower Upper
91 100
92 59.0 41.9 77.9



#45
trans-1,3-Dichloropropene
Concen: 111.67 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

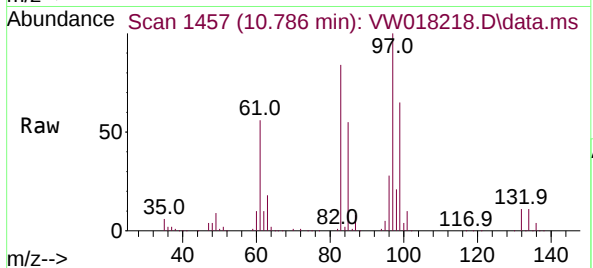
Tgt Ion: 75 Resp: 758546
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4





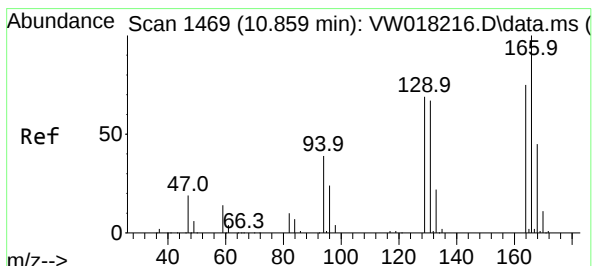
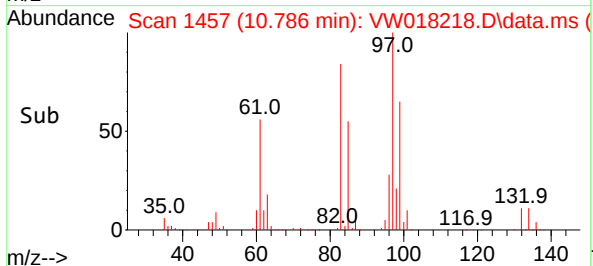
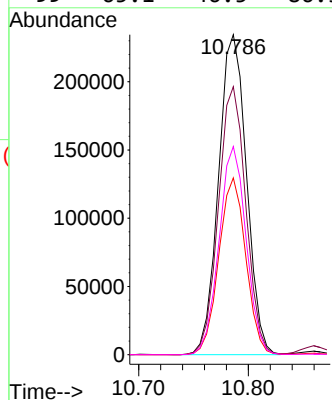
#46
1,1,2-Trichloroethane
Concen: 103.94 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampled :

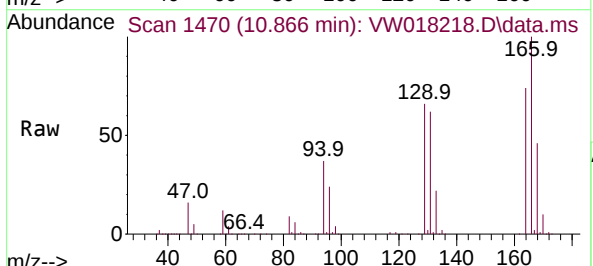


Tgt Ion: 97 Resp: 415533

Ion	Ratio	Lower	Upper
97	100		
83	83.7	60.9	113.1
85	55.3	38.6	71.6
99	65.1	46.5	86.5

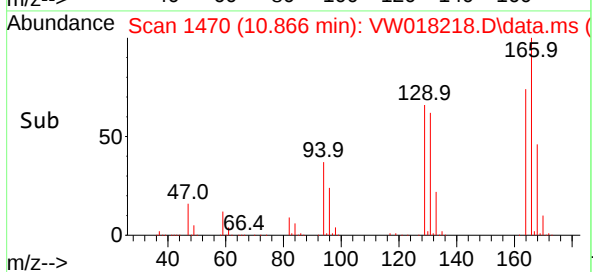
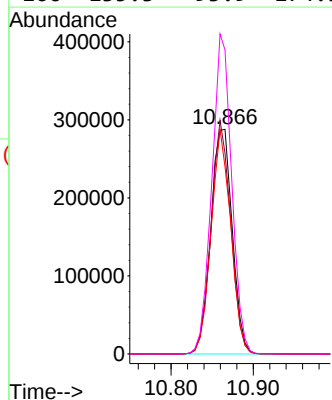


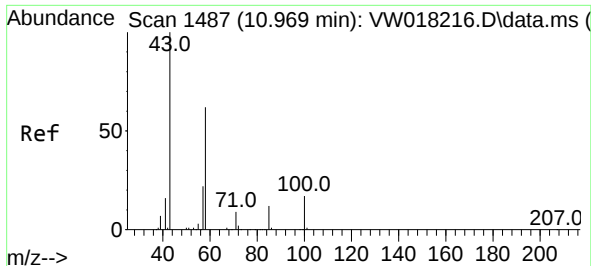
#47
Tetrachloroethene
Concen: 98.53 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26



Tgt Ion: 164 Resp: 523209

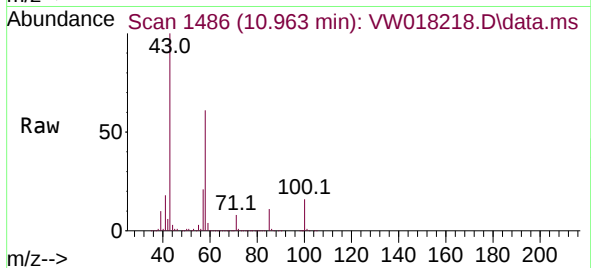
Ion	Ratio	Lower	Upper
164	100		
129	89.4	65.0	120.6
131	83.4	62.9	116.9
166	135.3	93.9	174.3



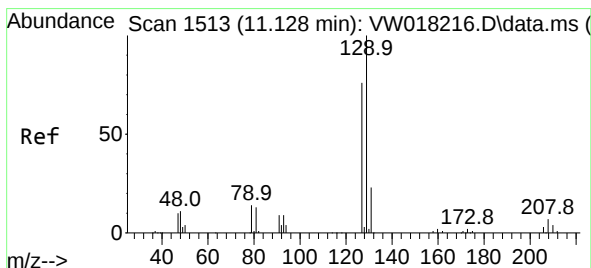
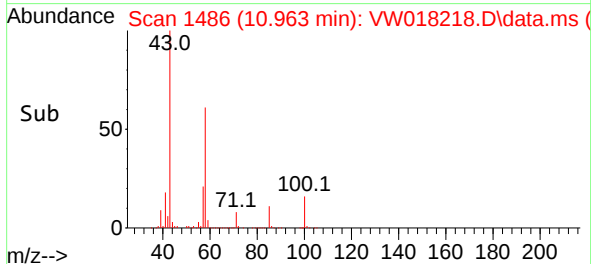
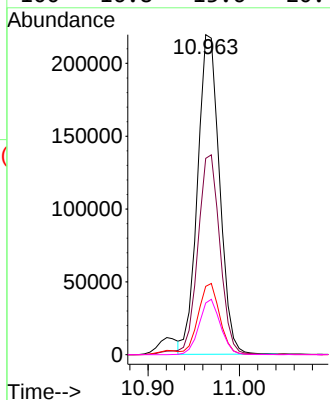


#49
2-Hexanone
Concen: 215.45 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :

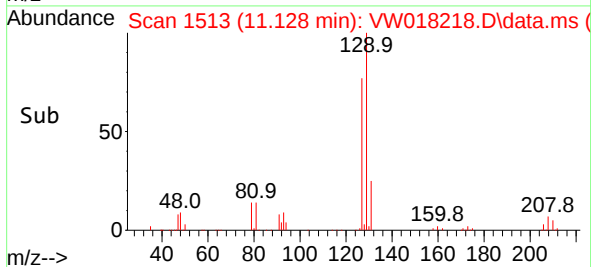
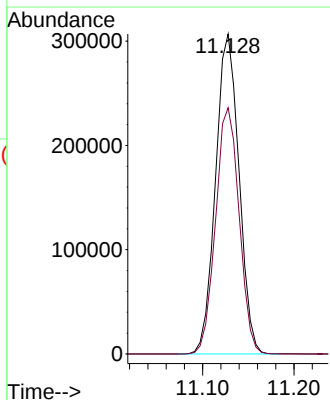
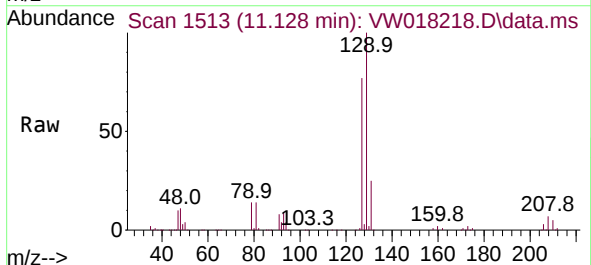


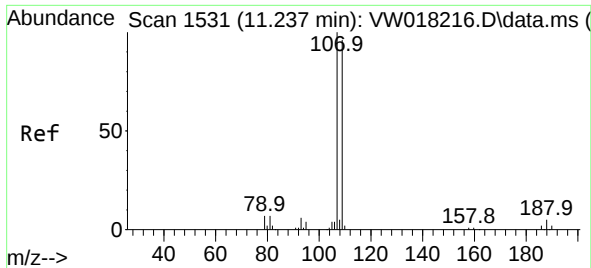
Tgt Ion: 43 Resp: 365638
Ion Ratio Lower Upper
43 100
58 63.7 50.0 75.0
57 22.1 17.6 26.4
100 16.8 13.6 20.4



#50
Dibromochloromethane
Concen: 109.92 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 129 Resp: 545915
Ion Ratio Lower Upper
129 100
127 77.0 52.9 98.3

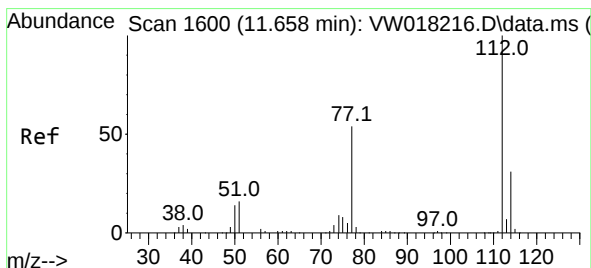
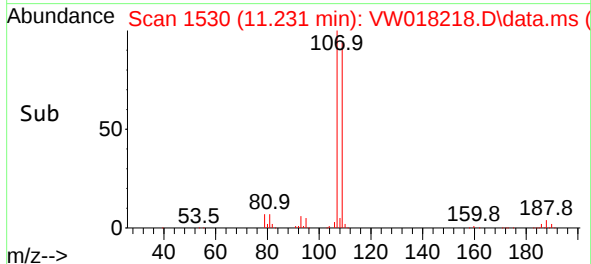
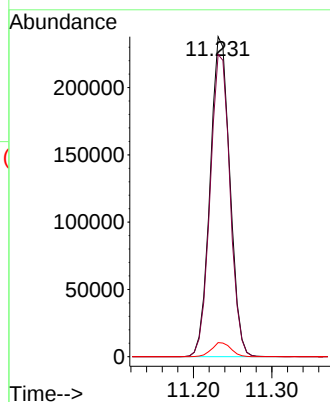
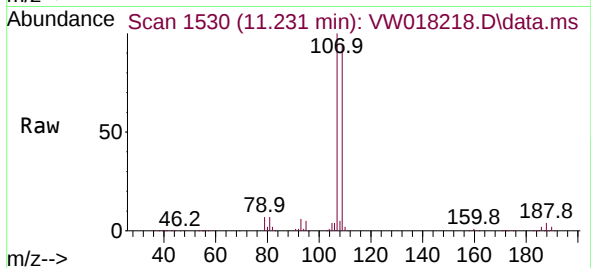




#51
1,2-Dibromoethane
Concen: 106.79 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

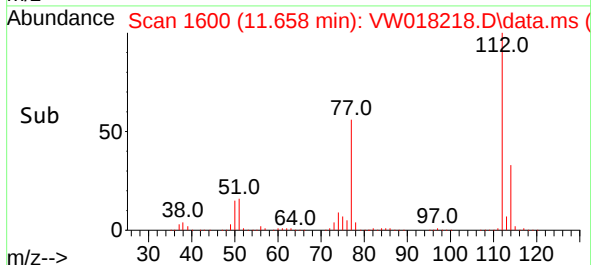
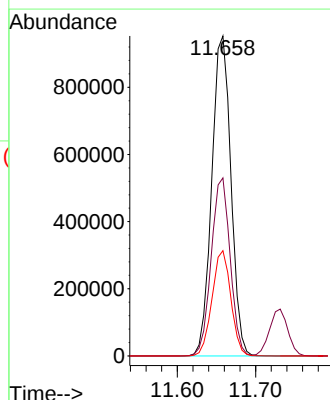
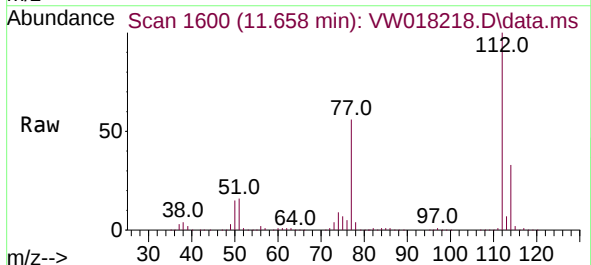
Instrument :
MSVOA_W
ClientSampleId :

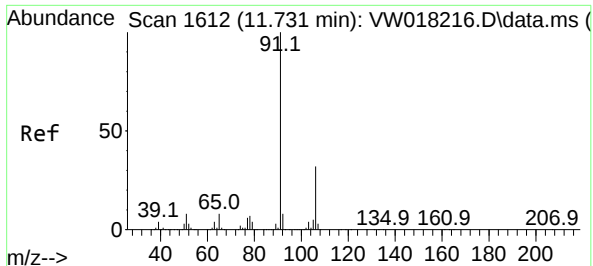
Tgt Ion:107 Resp: 417378
Ion Ratio Lower Upper
107 100
109 94.5 67.1 124.7
188 4.4 3.8 5.8



#52
Chlorobenzene
Concen: 102.30 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:112 Resp: 1617726
Ion Ratio Lower Upper
112 100
77 55.6 43.0 64.4
114 32.9 21.6 40.0

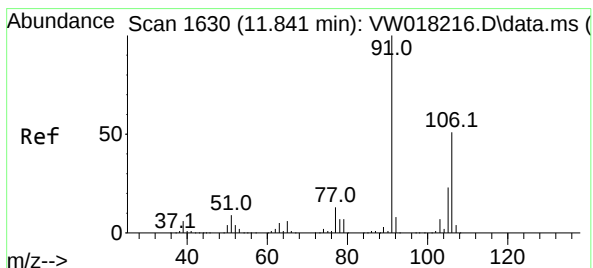
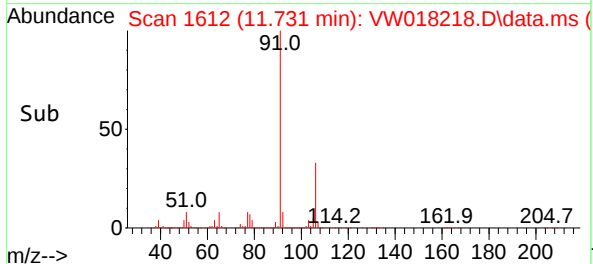
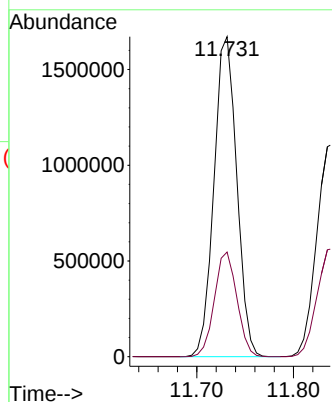
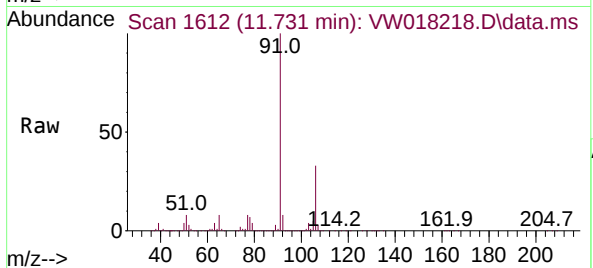




#53
Ethylbenzene
Concen: 101.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

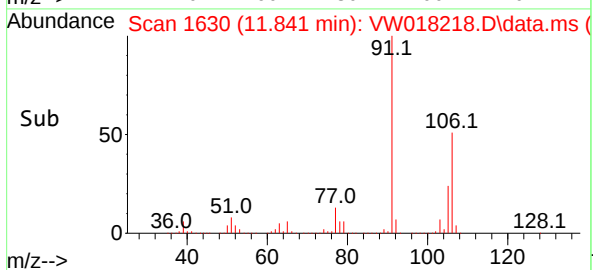
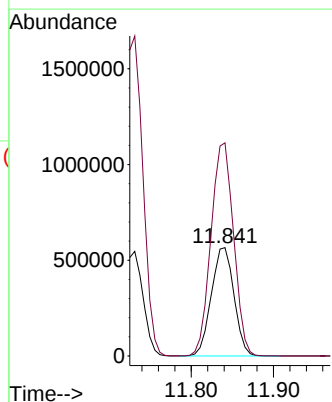
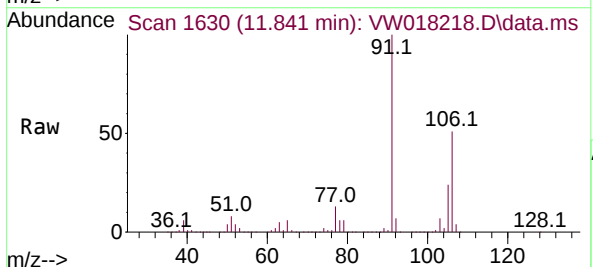
Instrument :
MSVOA_W
ClientSampled :

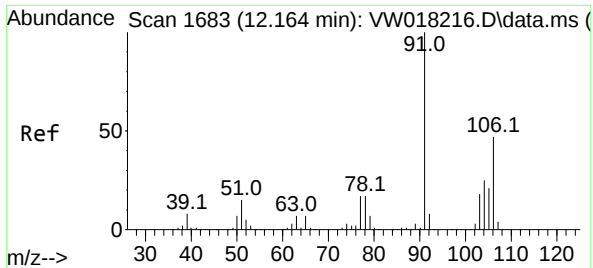
Tgt Ion: 91 Resp: 2731887
Ion Ratio Lower Upper
91 100
106 32.7 22.4 41.6



#54
m,p-Xylene
Concen: 103.59 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:106 Resp: 1082018
Ion Ratio Lower Upper
106 100
91 196.7 137.7 255.7

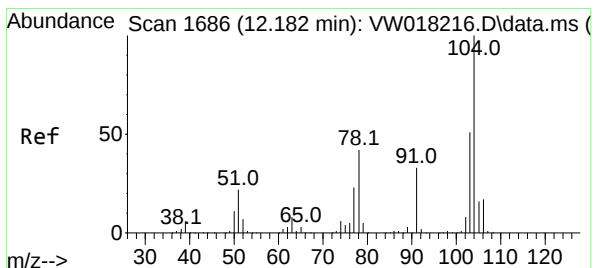
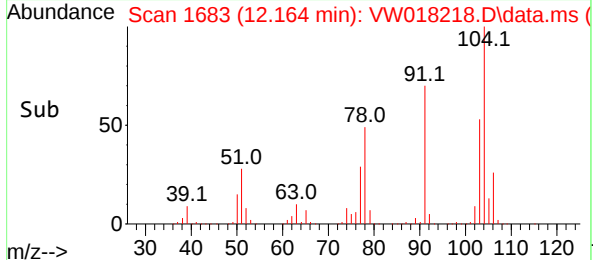
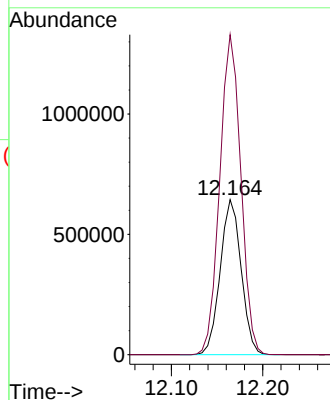
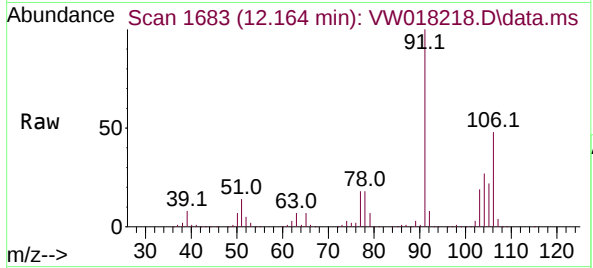




#55
o-xylene
Concen: 104.19 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

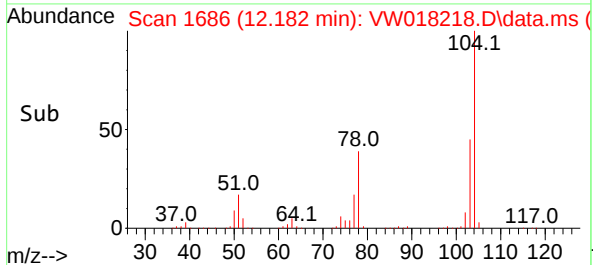
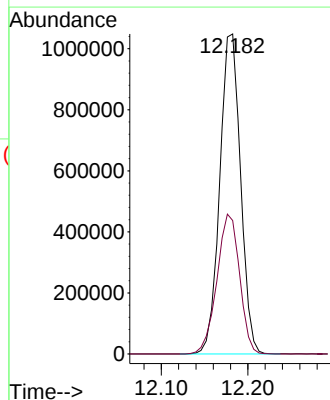
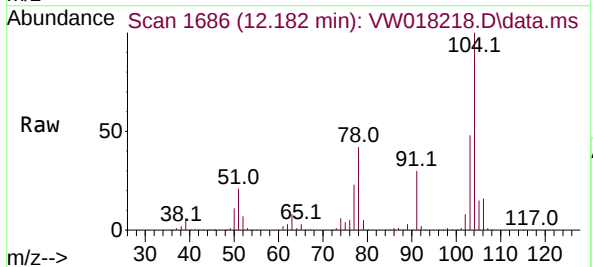
Instrument :
MSVOA_W
ClientSampled :

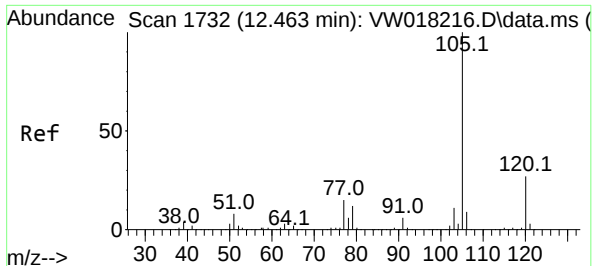
Tgt Ion:106 Resp: 1028451
Ion Ratio Lower Upper
106 100
91 206.5 148.9 276.5



#56
Styrene
Concen: 104.97 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:104 Resp: 1747815
Ion Ratio Lower Upper
104 100
78 41.7 29.6 55.0

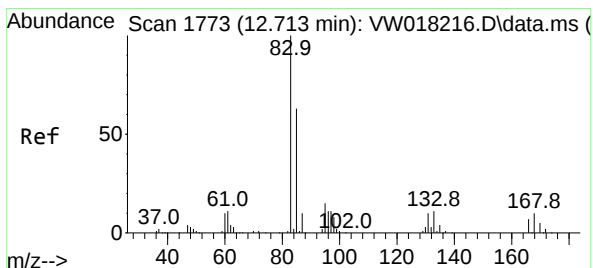
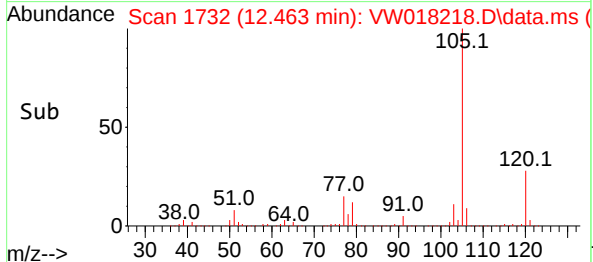
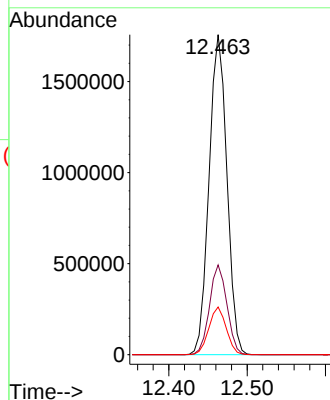
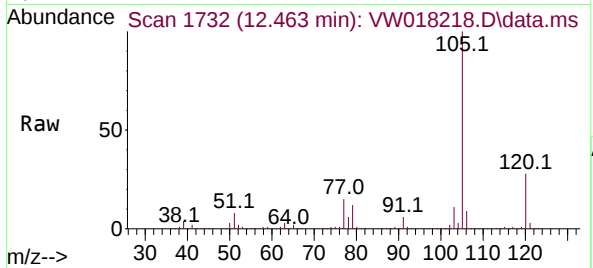




#57
Isopropylbenzene
Concen: 103.30 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

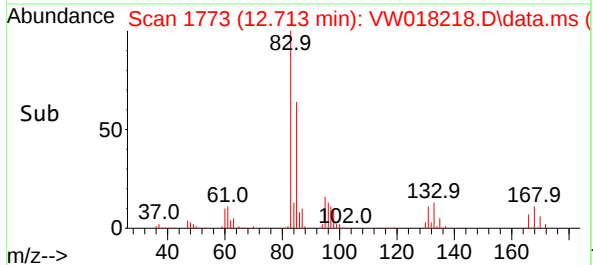
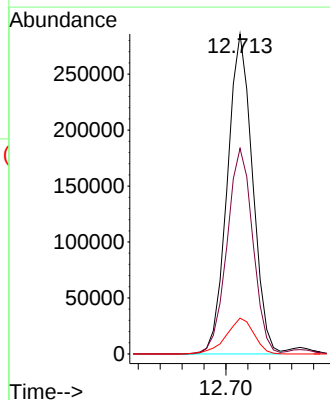
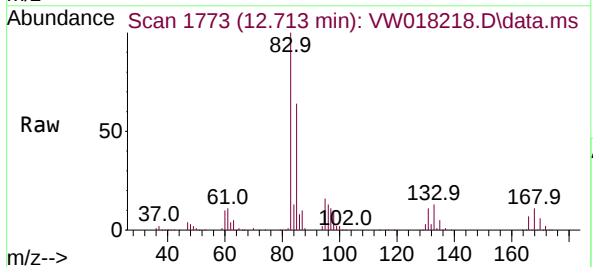
Instrument :
MSVOA_W
ClientSampled :

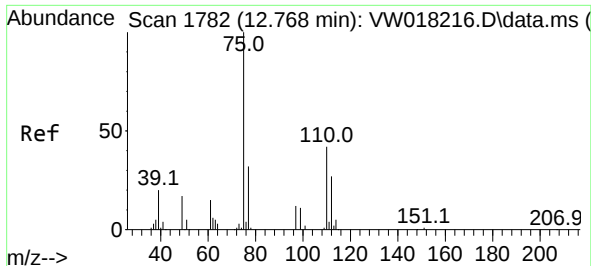
Tgt Ion:105 Resp: 2777183
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 14.5 11.7 17.5



#58
1,1,2,2-Tetrachloroethane
Concen: 102.67 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 83 Resp: 455307
Ion Ratio Lower Upper
83 100
85 64.2 44.3 82.3
131 11.2 8.1 12.1

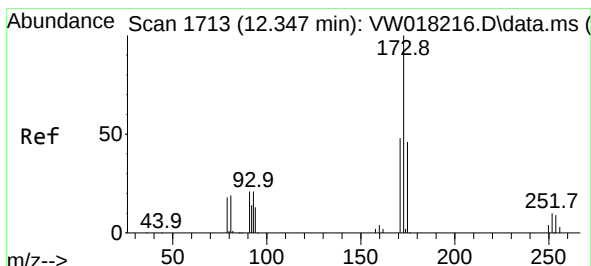
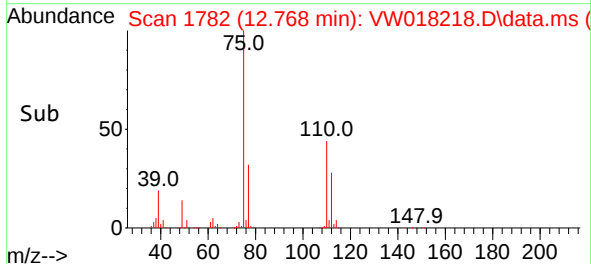
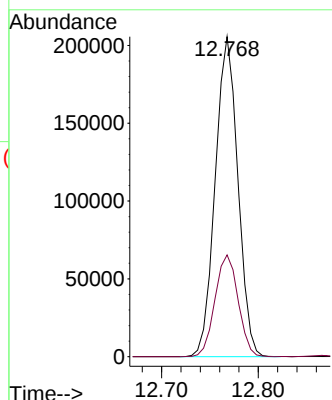
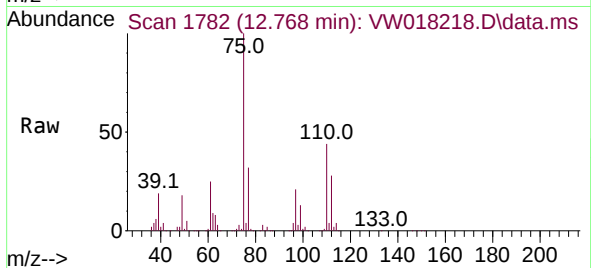




#59
1,2,3-Trichloropropane
Concen: 101.82 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

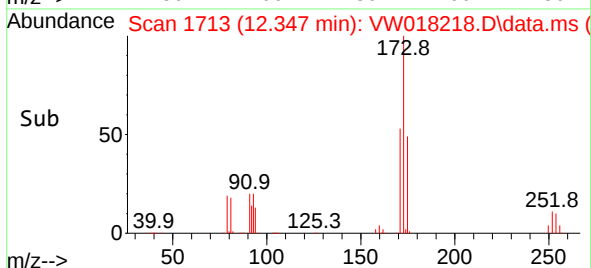
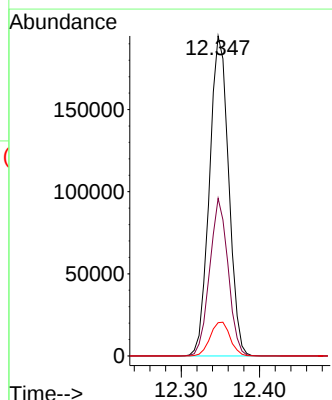
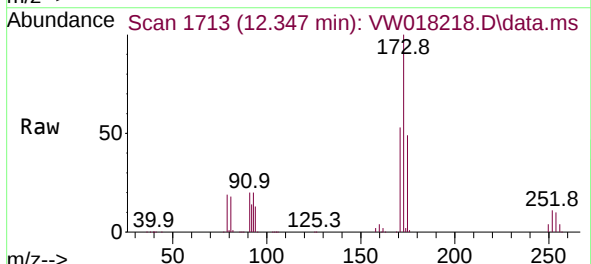
Instrument :
MSVOA_W
ClientSampled :

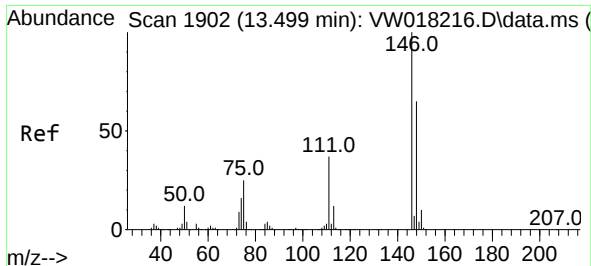
Tgt Ion: 75 Resp: 333865
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0



#62
Bromoform
Concen: 112.34 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:173 Resp: 332087
Ion Ratio Lower Upper
173 100
175 47.1 38.0 57.0
254 11.0 8.5 12.7

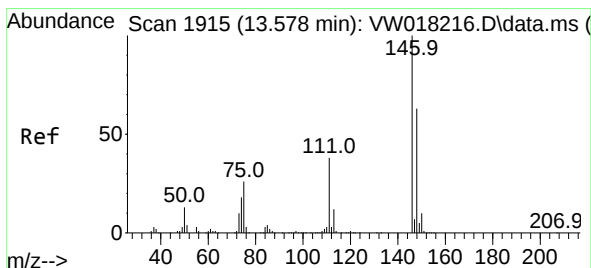
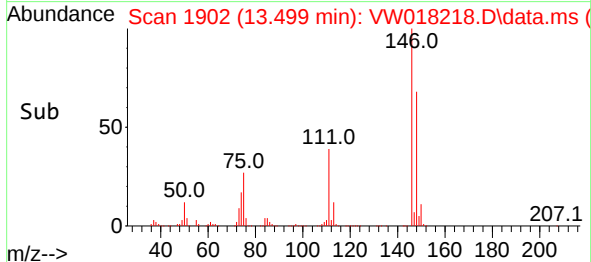
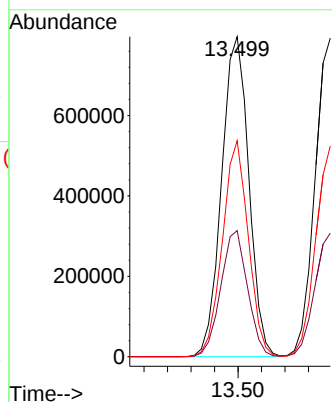
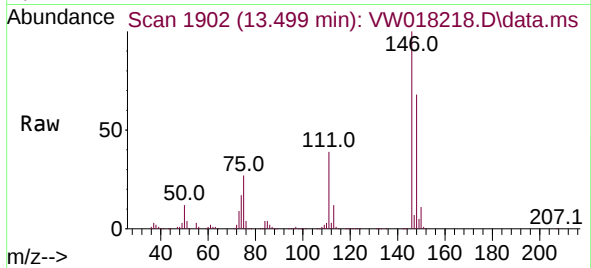




#63
1,3-Dichlorobenzene
Concen: 99.33 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

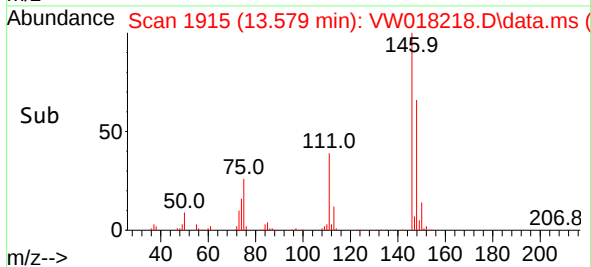
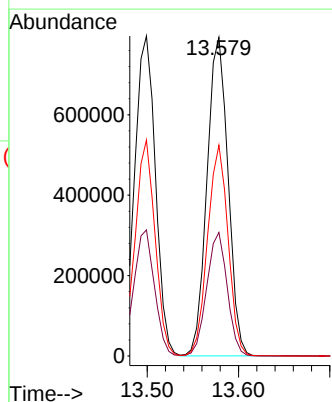
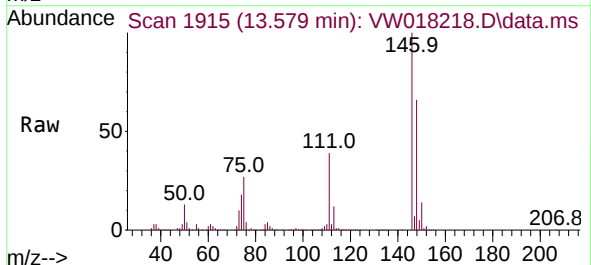
Instrument :
MSVOA_W
ClientSampled :

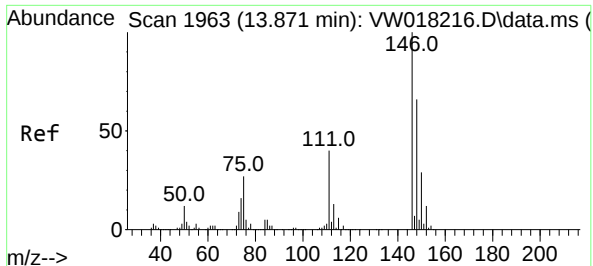
Tgt Ion:146 Resp: 1280642
Ion Ratio Lower Upper
146 100
111 39.4 25.8 47.8
148 67.5 45.4 84.4



#64
1,4-Dichlorobenzene
Concen: 98.54 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:146 Resp: 1265212
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 66.1 44.2 82.2

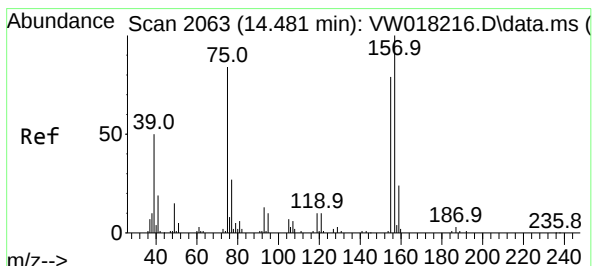
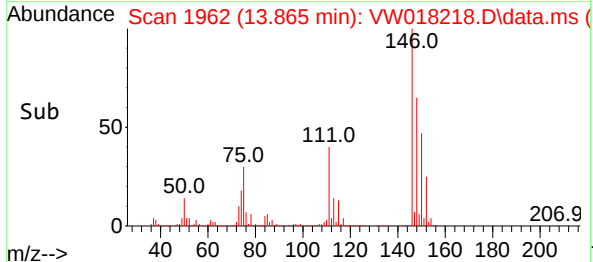
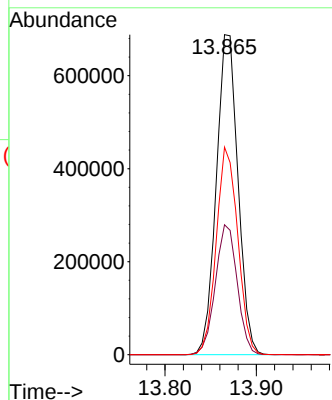
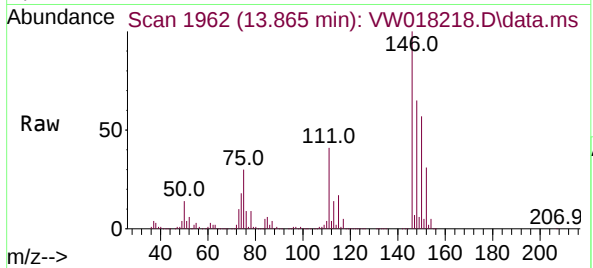




#65
1,2-Dichlorobenzene
Concen: 99.82 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

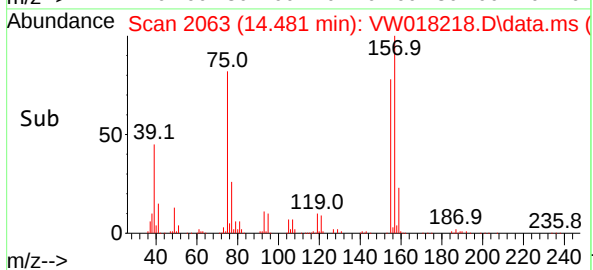
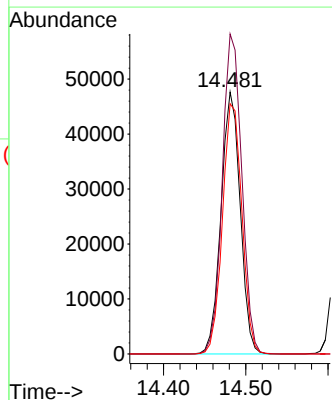
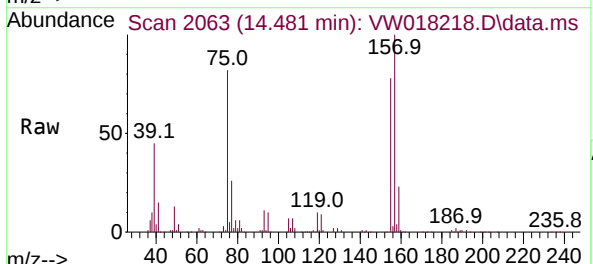
Instrument :
MSVOA_W
ClientSampled :

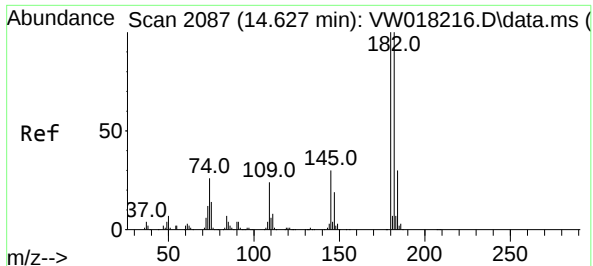
Tgt Ion:146 Resp: 1135085
Ion Ratio Lower Upper
146 100
111 40.6 31.7 47.5
148 64.9 53.0 79.4



#66
1,2-Dibromo-3-chloropropane
Concen: 107.29 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion: 75 Resp: 77202
Ion Ratio Lower Upper
75 100
157 122.2 95.2 142.8
155 95.5 75.6 113.4

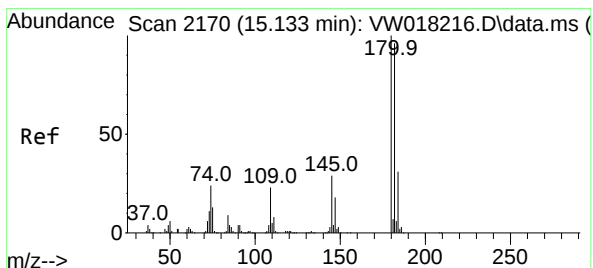
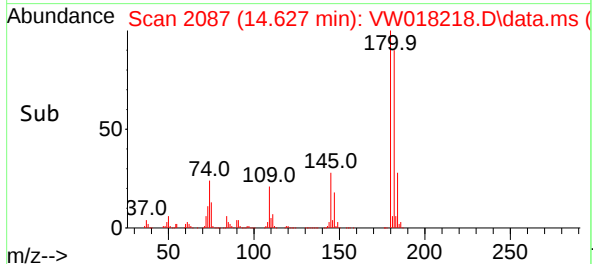
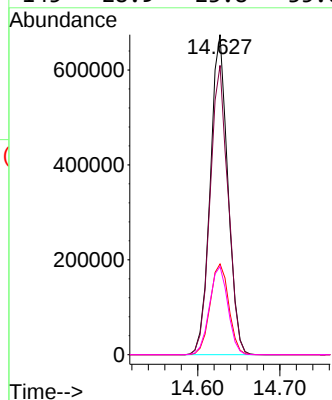
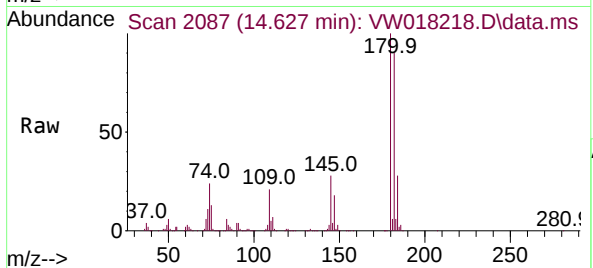




#67
1,3,5-Trichlorobenzene
Concen: 100.17 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

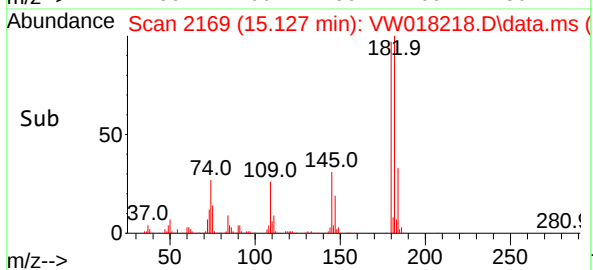
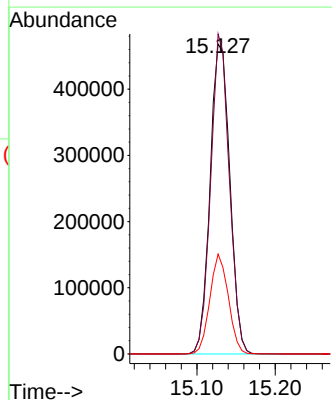
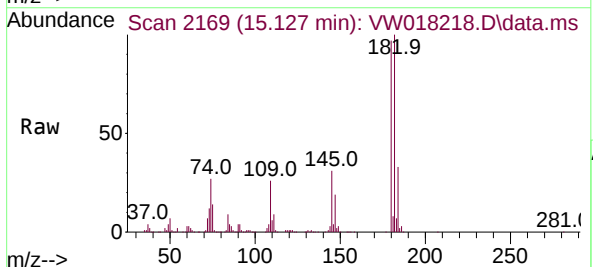
Instrument :
MSVOA_W
ClientSampleId :

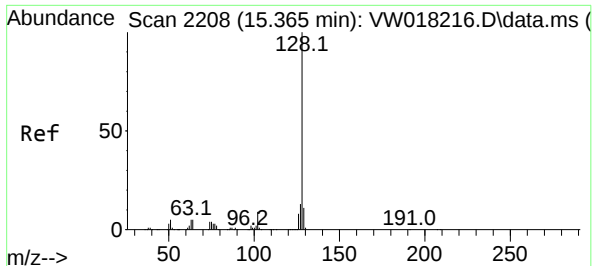
Tgt Ion:	180	Resp:	999155
Ion Ratio	Lower	Upper	
180	100		
182	92.3	80.5	120.7
184	30.1	24.9	37.3
145	28.9	23.8	35.6



#68
1,2,4-trichlorobenzene
Concen: 102.04 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:	180	Resp:	821921
Ion Ratio	Lower	Upper	
180	100		
182	96.9	77.0	115.6
145	30.1	24.2	36.2

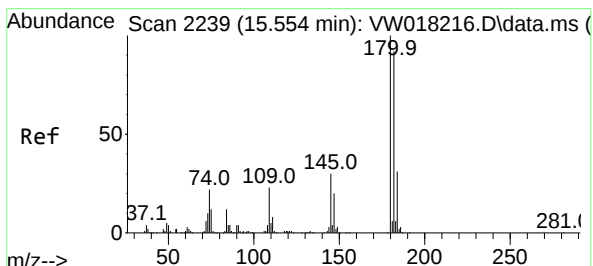
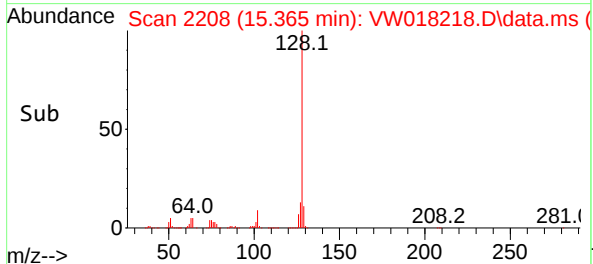
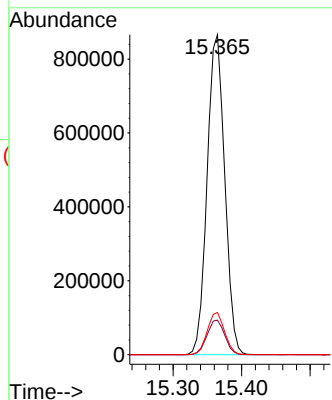
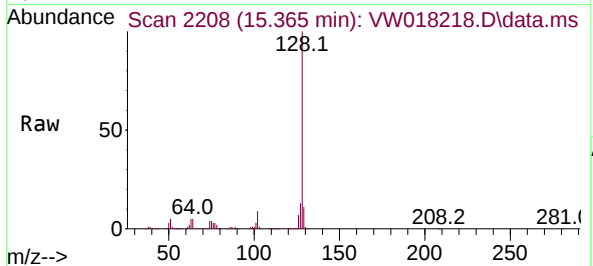




#69
Naphthalene
Concen: 109.66 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1547248
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 102.72 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018218.D
Acq: 22 Feb 2021 12:26

Tgt Ion:180 Resp: 727471
Ion Ratio Lower Upper
180 100
182 95.8 77.5 116.3
145 31.9 25.1 37.7

