

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
 Data File : VW018000.D
 Acq On : 29 Jan 2021 14:32
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 15:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 29 15:52:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	373858	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	349215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	187159	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25280	5.29	ug/L	0.00
7) Chloroethane-d5	2.885	69	19874	4.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	48002	5.11	ug/L	0.00
20) 2-Butanone-d5	7.080	46	12488	10.33	ug/L	0.00
24) Chloroform-d	7.647	84	50351	5.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26922	5.19	ug/L	0.00
29) Benzene-d6	8.275	84	98670	5.11	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	27051	4.95	ug/L	0.00
37) Toluene-d8	10.323	98	92099	5.03	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	11075	4.73	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	9687	10.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	23149	5.12	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	34038	5.19	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	24965	4.59	ug/L	94
3) Chloromethane	2.215	50	17125	3.48	ug/L	98
5) Vinyl chloride	2.367	62	25360	4.66	ug/L	98
6) Bromomethane	2.782	94	17953	3.95	ug/L	97
8) Chloroethane	2.928	64	14886	3.85	ug/L	100
9) Trichlorofluoromethane	3.257	101	17216	4.36	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	26140	4.94	ug/L #	68
12) 1,1-Dichloroethene	4.044	96	23648	4.86	ug/L	95
13) Acetone	4.123	43	9743	9.96	ug/L	94
14) Carbon disulfide	4.391	76	67990	4.84	ug/L	95
15) Methyl Acetate	4.672	43	9784	4.89	ug/L	97
16) Methylene chloride	4.915	84	33118	5.31	ug/L	99
17) Methyl tert-butyl Ether	5.421	73	27438	5.16	ug/L	97
18) trans-1,2-Dichloroethene	5.427	96	25899	4.83	ug/L	94
19) 1,1-Dichloroethane	6.214	63	42386	4.73	ug/L	95
21) 2-Butanone	7.171	43	13636	10.69	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	26673	4.87	ug/L	97
23) Bromochloromethane	7.506	128	13058	5.22	ug/L	95
25) Chloroform	7.671	83	46679	4.85	ug/L	99
27) 1,2-Dichloroethane	8.396	62	30796	4.96	ug/L	98
30) Cyclohexane	7.958	56	37592	4.45	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	36846	4.71	ug/L	99
32) Carbon tetrachloride	8.067	117	35240	4.66	ug/L	99
34) Benzene	8.323	78	100829	4.83	ug/L	100
35) Trichloroethene	9.091	95	28170	4.82	ug/L	98
36) Methylcyclohexane	9.335	83	45905	4.61	ug/L	99
40) 1,2-Dichloropropane	9.366	63	22812	4.54	ug/L	100
41) Bromodichloromethane	9.646	83	31745	4.73	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	34755	4.66	ug/L	95
43) 4-Methyl-2-pentanone	10.207	43	26458	9.03	ug/L	95
44) Toluene	10.384	91	110915	4.83	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	29327	4.52	ug/L	100

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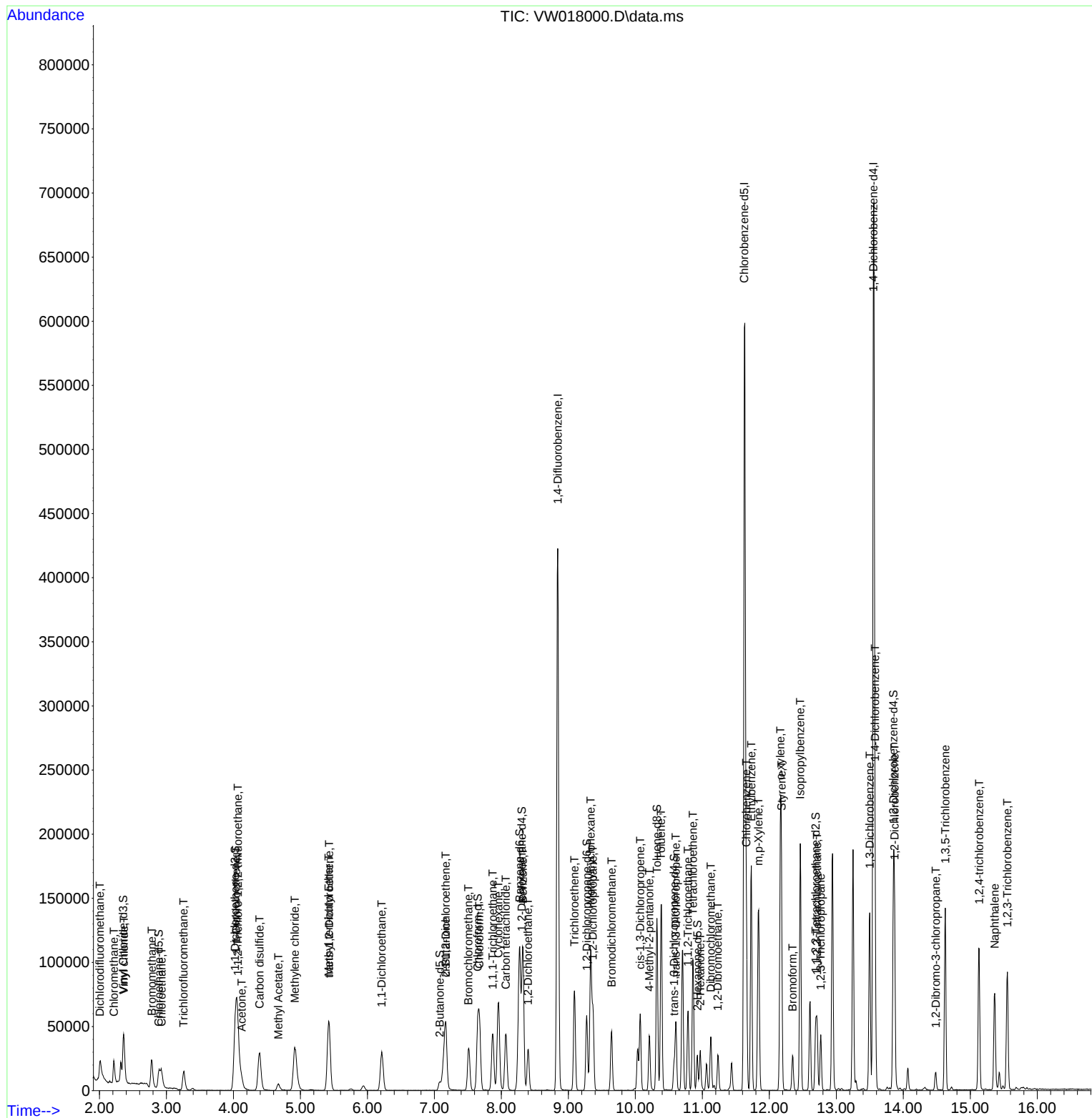
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	18985	4.98	ug/L	98
47) Tetrachloroethene	10.859	164	24013	5.08	ug/L	97
49) 2-Hexanone	10.969	43	18792	9.18	ug/L	94
50) Dibromochloromethane	11.128	129	21732	4.82	ug/L	97
51) 1,2-Dibromoethane	11.231	107	18956	5.07	ug/L #	94
52) Chlorobenzene	11.658	112	72400	4.86	ug/L	95
53) Ethylbenzene	11.731	91	123448	4.72	ug/L	98
54) m,p-Xylene	11.841	106	47121	4.67	ug/L	99
55) o-xylene	12.164	106	44038	4.70	ug/L	87
56) Styrene	12.182	104	75145	4.74	ug/L	98
57) Isopropylbenzene	12.463	105	123483	4.68	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	22601	4.98	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	17179	5.15	ug/L	98
62) Bromoform	12.347	173	12918	5.11	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	57940	4.79	ug/L	98
64) 1,4-Dichlorobenzene	13.578	146	60567	5.01	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	52790	4.92	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.487	75	3791	4.98	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	45098	5.16	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	36307	5.01	ug/L	91
69) Naphthalene	15.365	128	70044	4.97	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	34019	5.41	ug/L	97

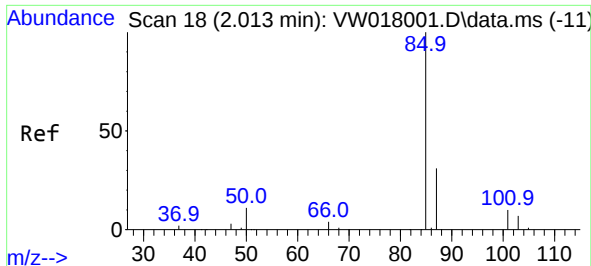
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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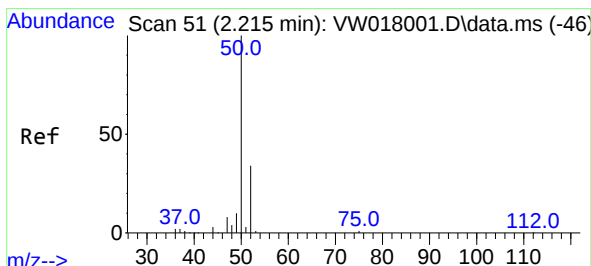
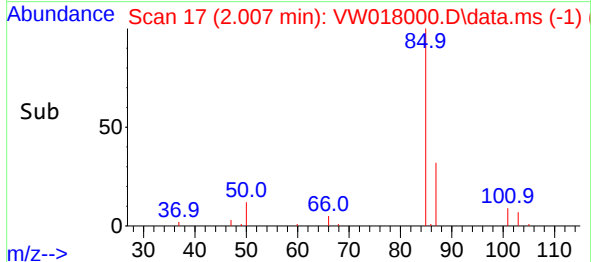
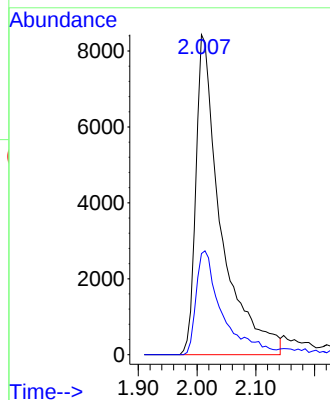
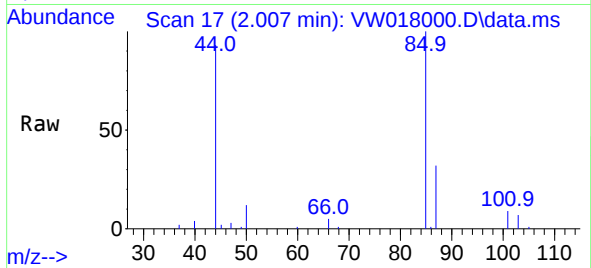




#2
Dichlorodifluoromethane
Concen: 4.59 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

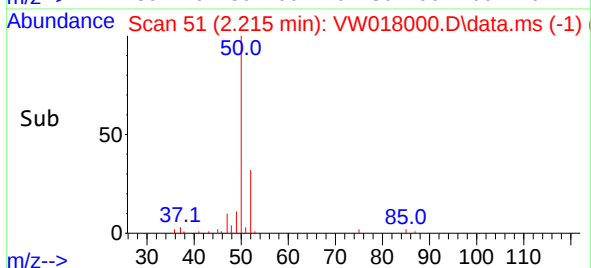
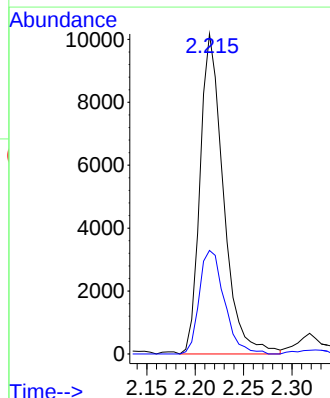
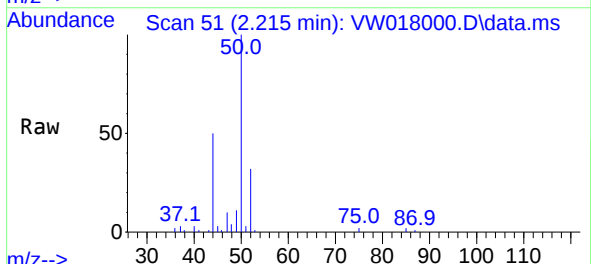
Tgt Ion: 85 Resp: 24965
Ion Ratio Lower Upper
85 100
87 29.6 23.2 43.0

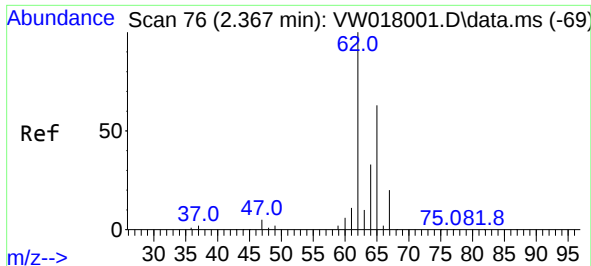
Instrument :
MSVOA_W
ClientSampled :



#3
Chloromethane
Concen: 3.48 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 50 Resp: 17125
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6

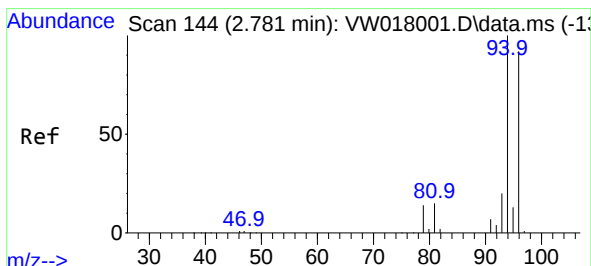
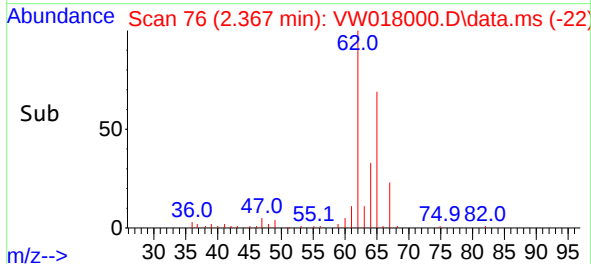
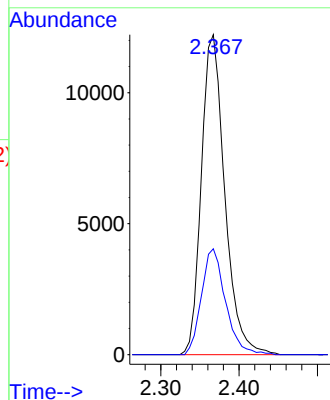
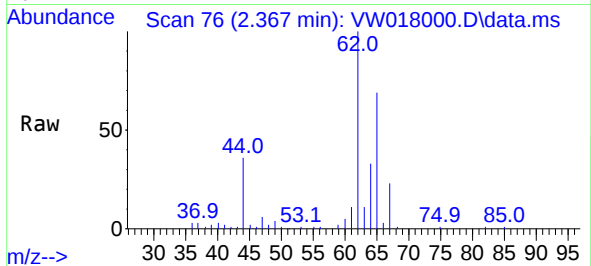




#5
 Vinyl chloride
 Concen: 4.66 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018000.D
 Acq: 29 Jan 2021 14:32

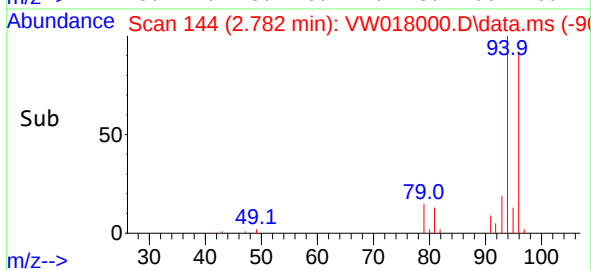
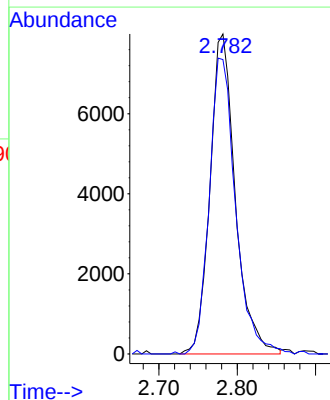
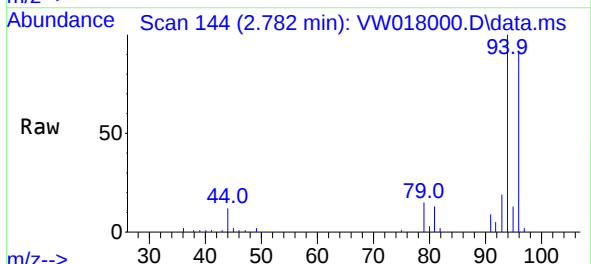
Instrument :
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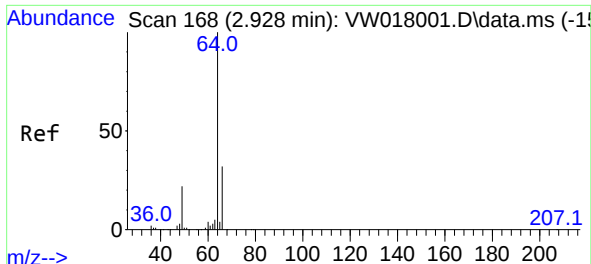
Tgt Ion: 62 Resp: 25360
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.9 44.5



#6
 Bromomethane
 Concen: 3.95 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018000.D
 Acq: 29 Jan 2021 14:32

Tgt Ion: 94 Resp: 17953
 Ion Ratio Lower Upper
 94 100
 96 96.4 9.4 178.0

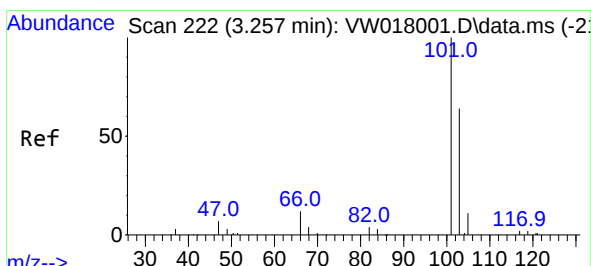
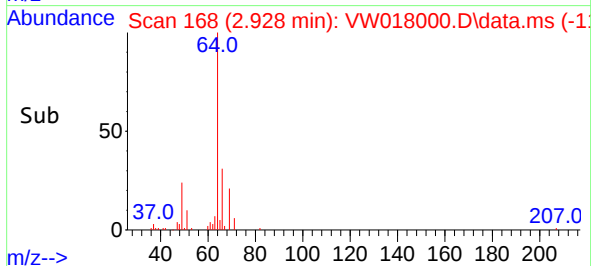
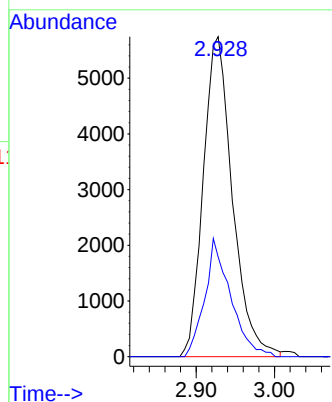
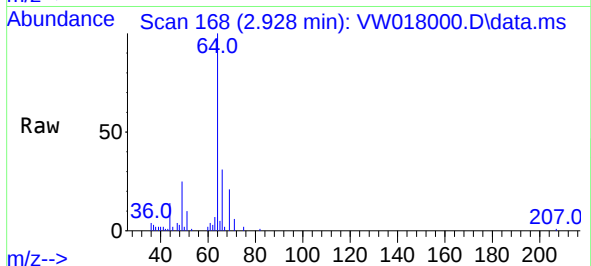




#8
Chloroethane
Concen: 3.85 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

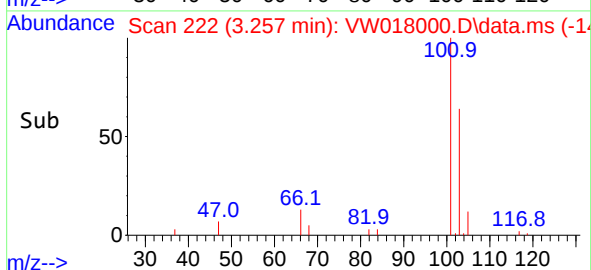
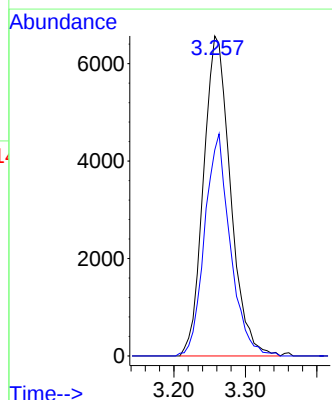
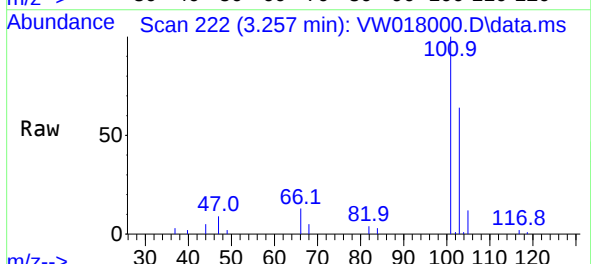
Instrument :
MSVOA_W
ClientSampled :

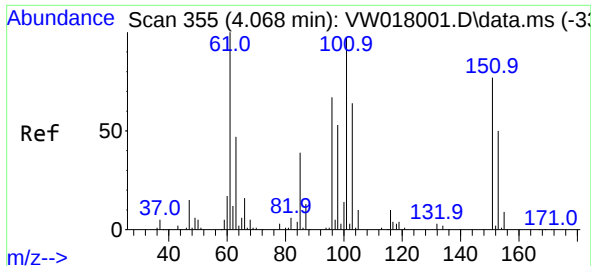
Tgt Ion: 64 Resp: 14886
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 4.36 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 101 Resp: 17216
Ion Ratio Lower Upper
101 100
103 65.9 45.0 83.6

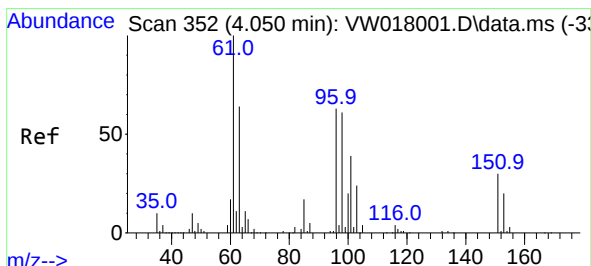
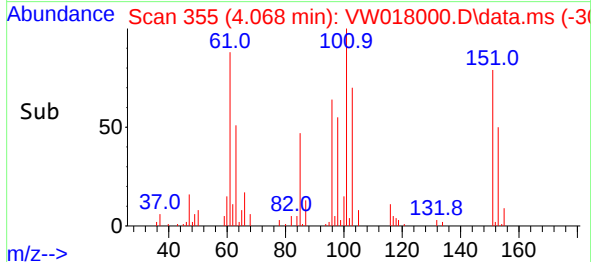
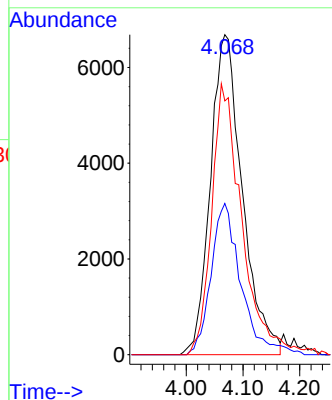
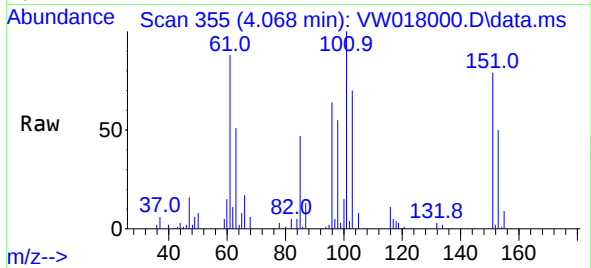




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.94 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

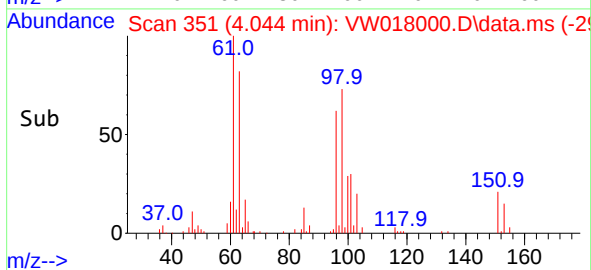
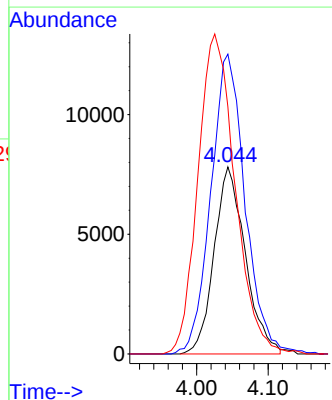
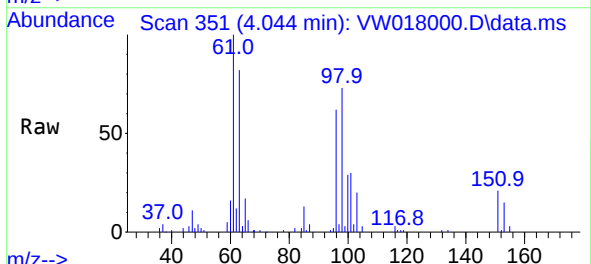
Instrument :
MSVOA_W
ClientSampled :

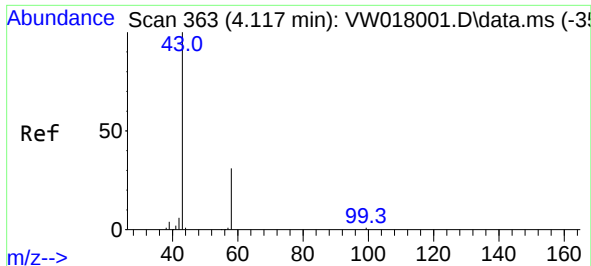
Tgt Ion:101 Resp: 26140
Ion Ratio Lower Upper
101 100
85 41.6 34.2 51.4
151 77.3 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 4.86 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 96 Resp: 23648
Ion Ratio Lower Upper
96 100
61 160.3 112.5 208.9
63 132.1 83.1 154.3

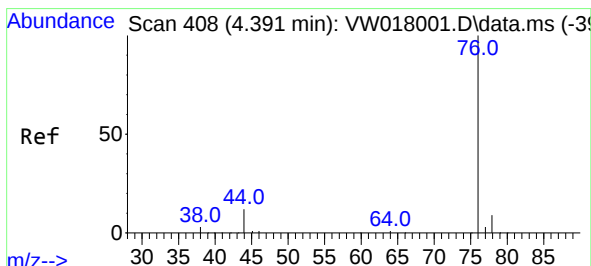
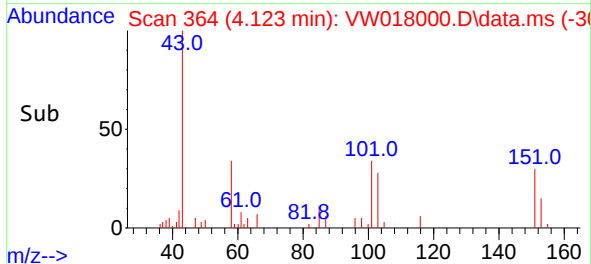
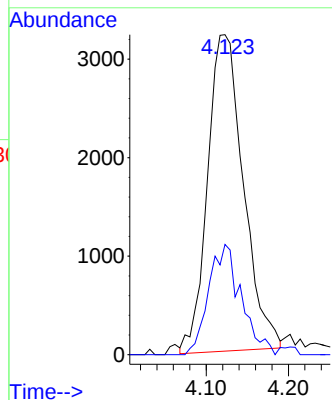
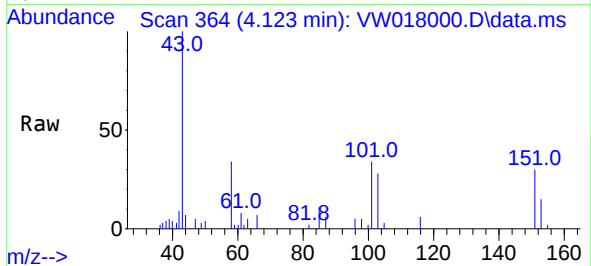




#13
Acetone
Concen: 9.96 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

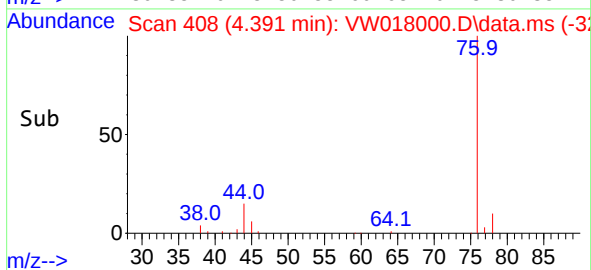
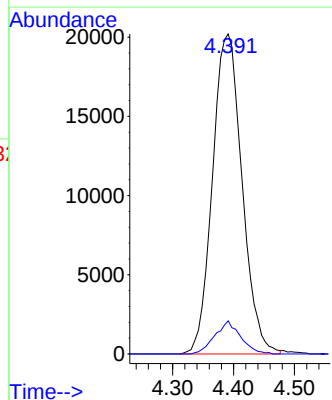
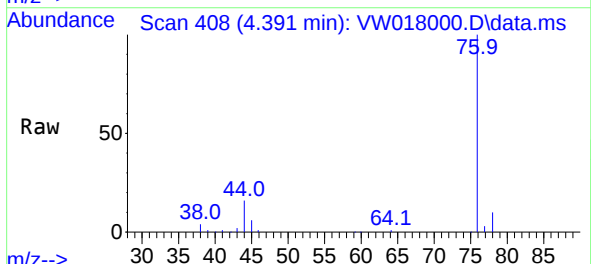
Instrument :
MSVOA_W
ClientSampled :

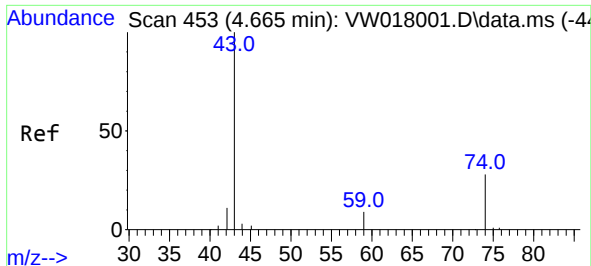
Tgt Ion: 43 Resp: 9743
Ion Ratio Lower Upper
43 100
58 30.5 0.0 68.4



#14
Carbon disulfide
Concen: 4.84 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 76 Resp: 67990
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

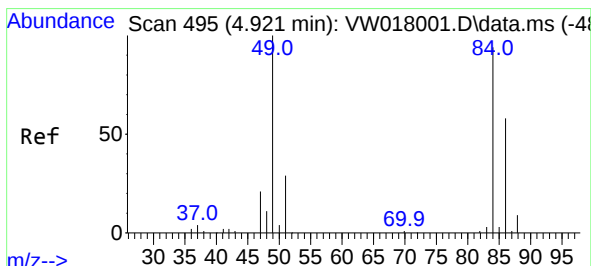
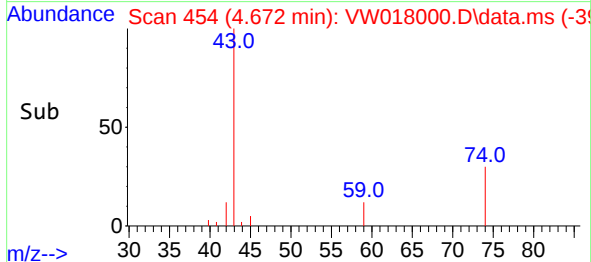
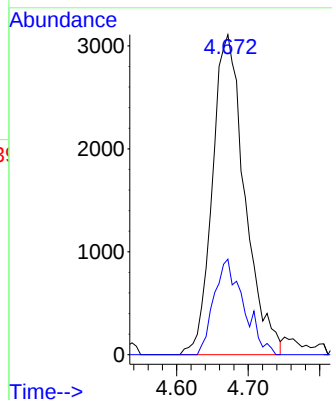
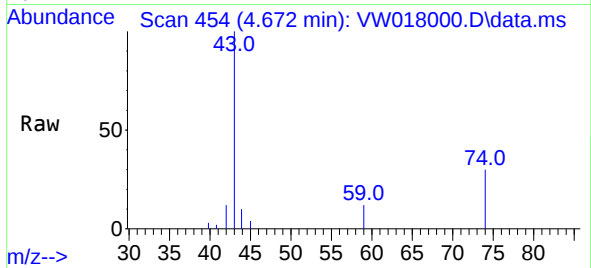




#15
Methyl Acetate
Concen: 4.89 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

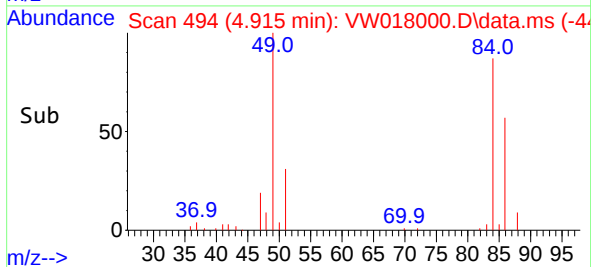
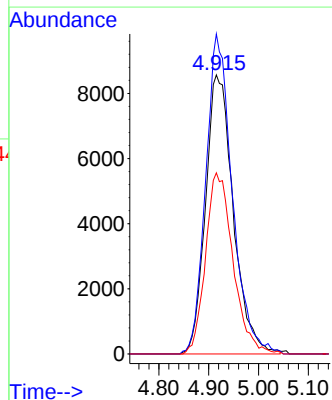
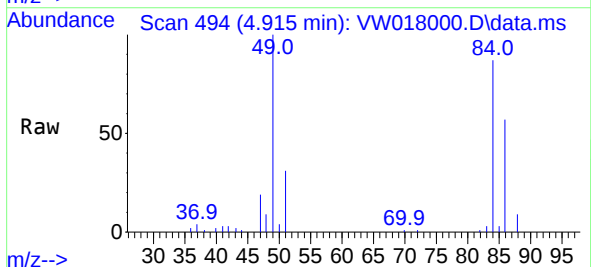
Instrument :
MSVOA_W
ClientSampled :

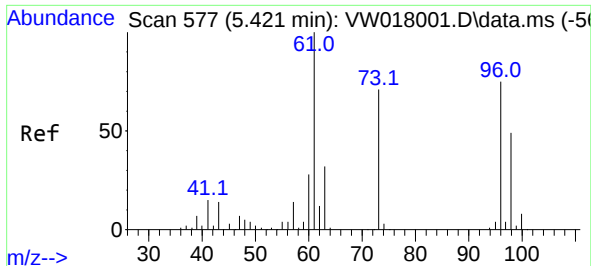
Tgt Ion: 43 Resp: 9784
Ion Ratio Lower Upper
43 100
74 24.2 20.7 31.1



#16
Methylene chloride
Concen: 5.31 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 84 Resp: 33118
Ion Ratio Lower Upper
84 100
49 114.7 81.2 150.8
86 64.9 44.5 82.7

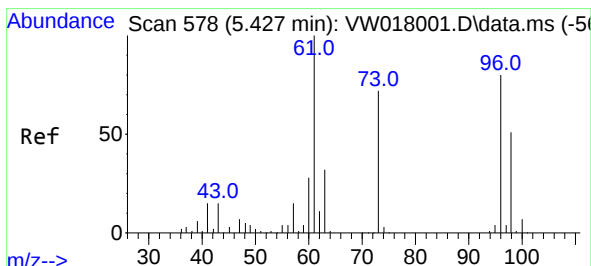
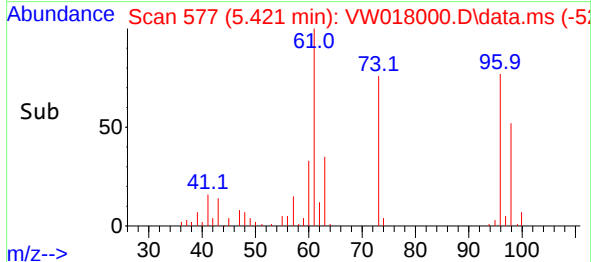
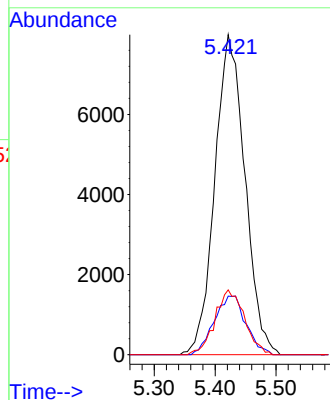
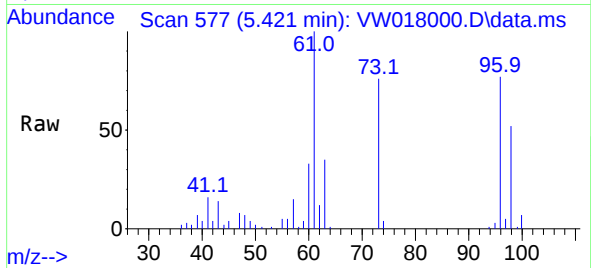




#17
Methyl tert-butyl Ether
Concen: 5.16 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

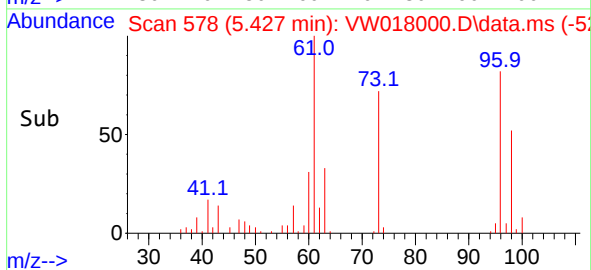
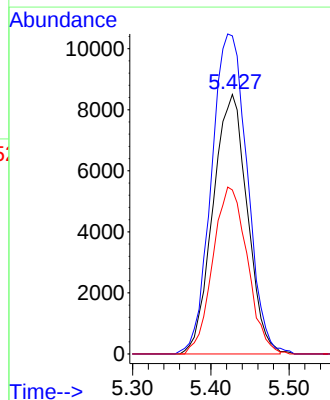
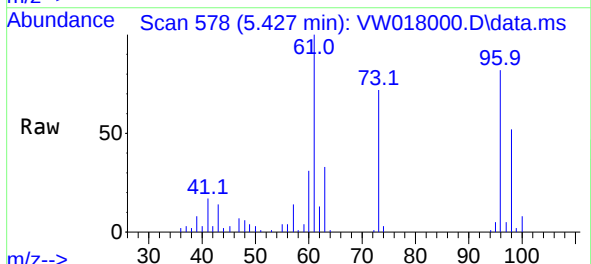
Instrument :
MSVOA_W
ClientSampled :

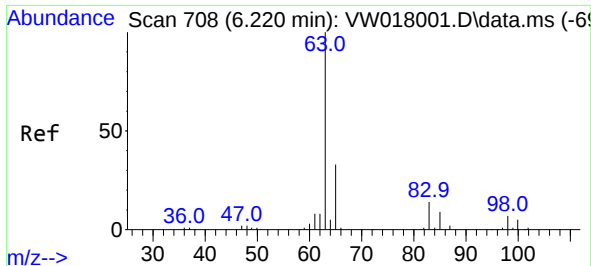
Tgt Ion: 73 Resp: 27438
Ion Ratio Lower Upper
73 100
43 19.3 16.2 24.4
57 19.9 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.83 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 96 Resp: 25899
Ion Ratio Lower Upper
96 100
61 122.5 92.7 172.1
98 63.2 43.3 80.3





#19

1,1-Dichloroethane

Concen: 4.73 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

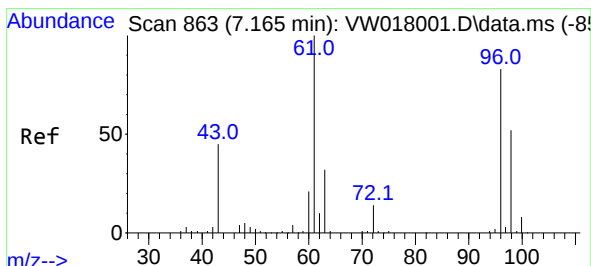
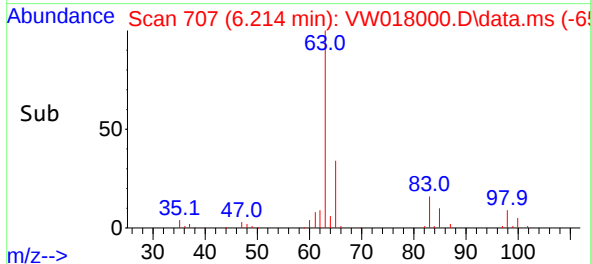
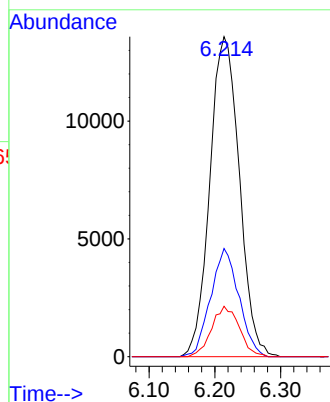
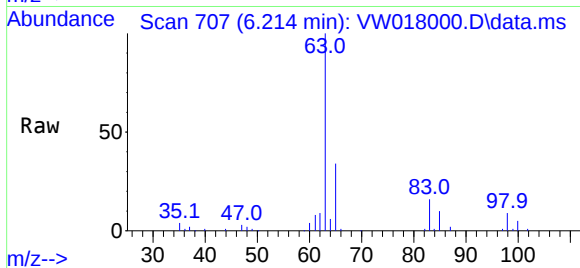
Lab File: VW018000.D

Acq: 29 Jan 2021 14:32

Tgt Ion: 63 Resp: 42386

Ion	Ratio	Lower	Upper
63	100		
65	33.8	21.9	40.7
83	15.8	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#21

2-Butanone

Concen: 10.69 ug/L

RT: 7.171 min Scan# 864

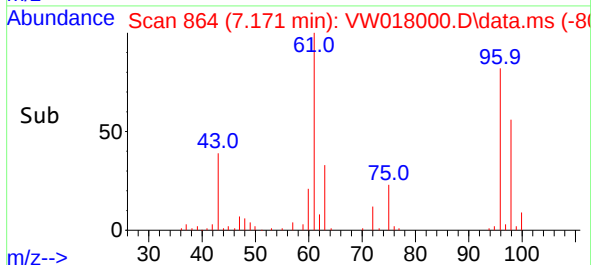
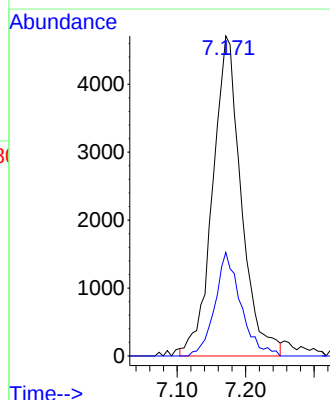
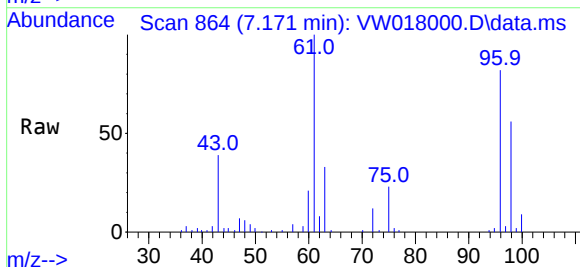
Delta R.T. 0.006 min

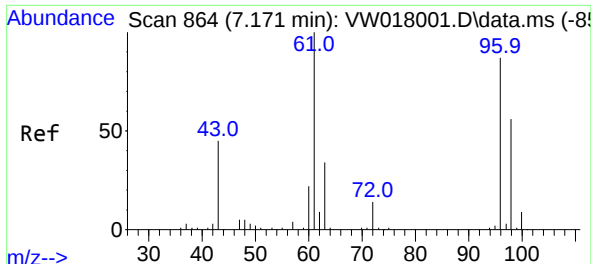
Lab File: VW018000.D

Acq: 29 Jan 2021 14:32

Tgt Ion: 43 Resp: 13636

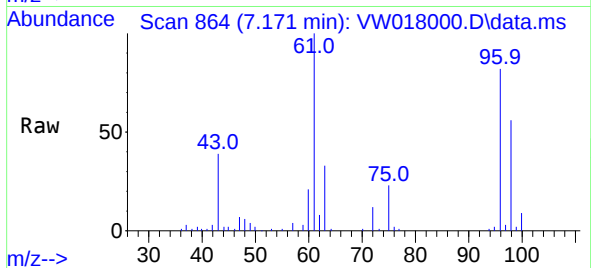
Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.4	43.2





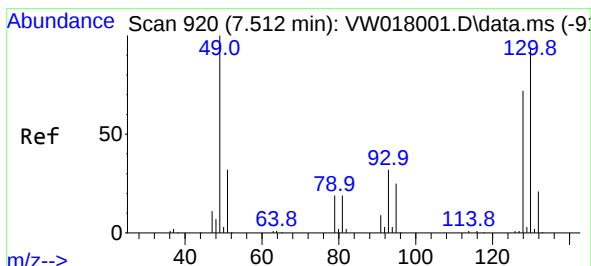
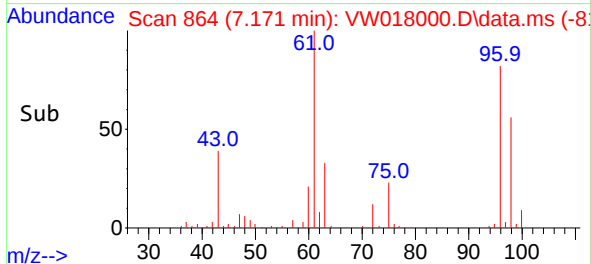
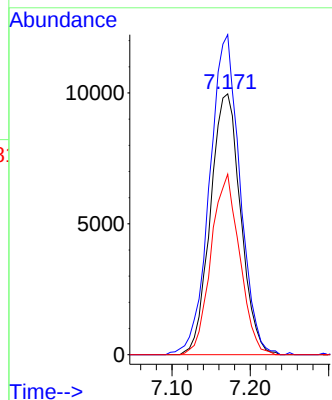
#22
cis-1,2-Dichloroethene
Concen: 4.87 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_W
ClientSampled :

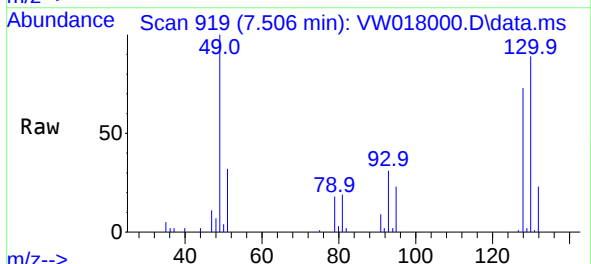


Tgt Ion: 96 Resp: 26673

Ion	Ratio	Lower	Upper
96	100		
61	122.7	84.6	157.2
98	69.2	44.7	82.9

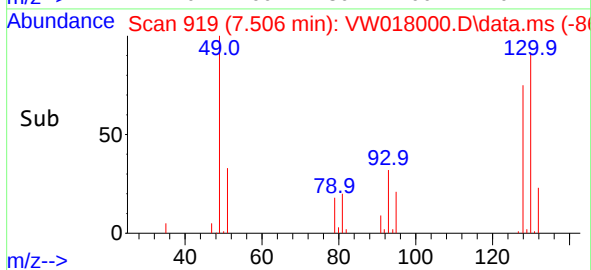
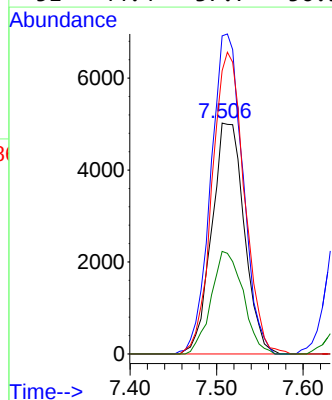


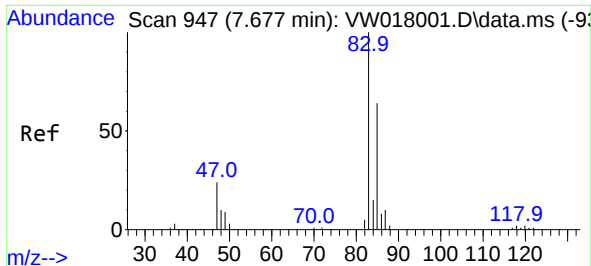
#23
Bromochloromethane
Concen: 5.22 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32



Tgt Ion: 128 Resp: 13058

Ion	Ratio	Lower	Upper
128	100		
49	137.8	101.6	188.6
130	122.7	90.4	167.8
51	44.4	37.7	56.5

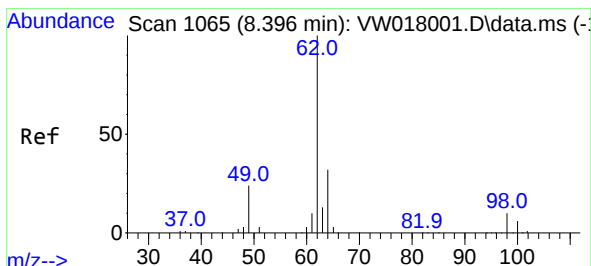
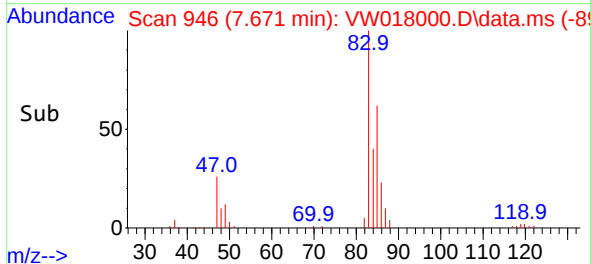
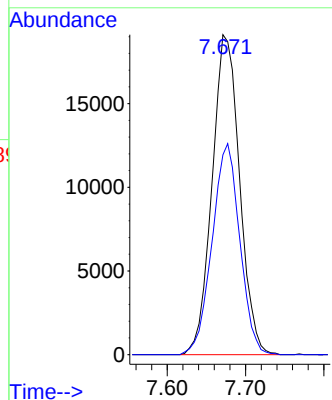
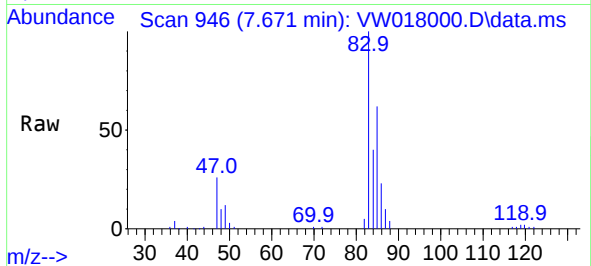




#25
Chloroform
Concen: 4.85 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

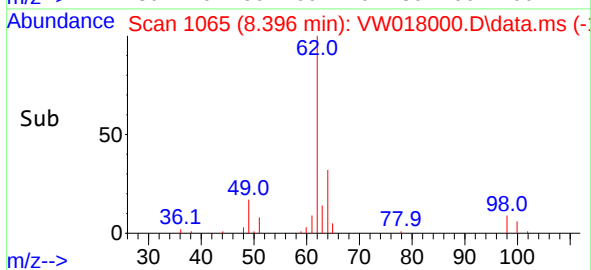
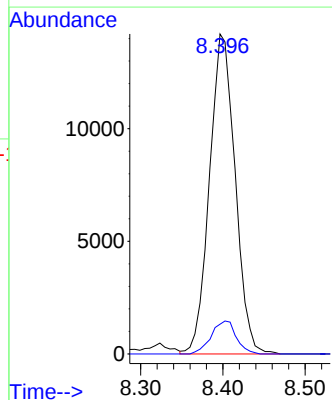
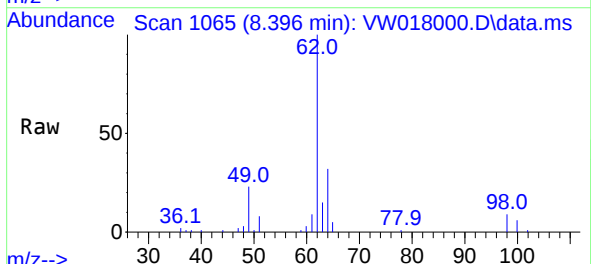
Instrument :
MSVOA_W
ClientSampled :

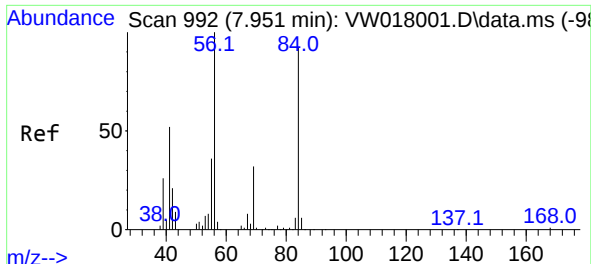
Tgt Ion: 83 Resp: 46679
Ion Ratio Lower Upper
83 100
85 66.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.96 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

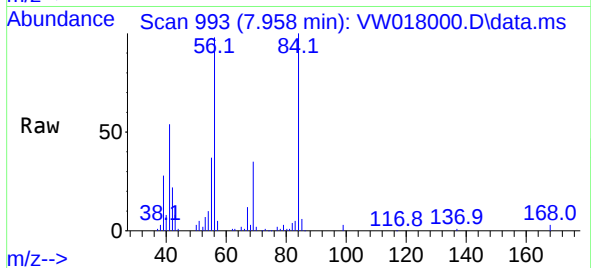
Tgt Ion: 62 Resp: 30796
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0





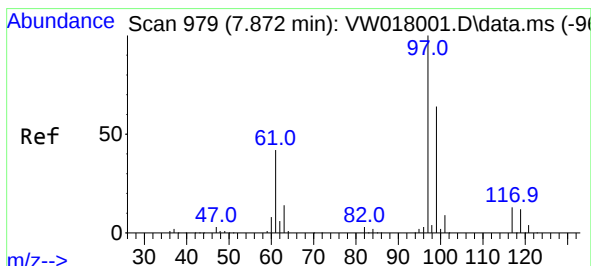
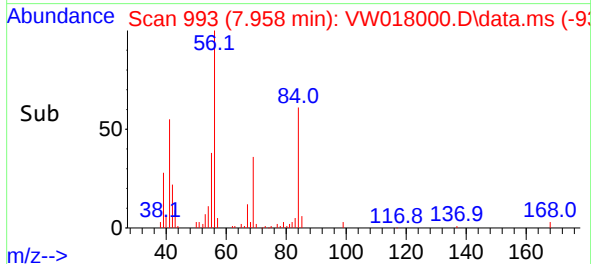
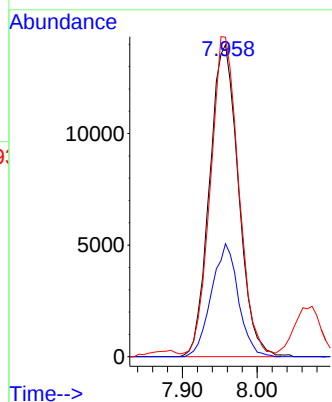
#30
Cyclohexane
Concen: 4.45 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 56 Resp: 37592

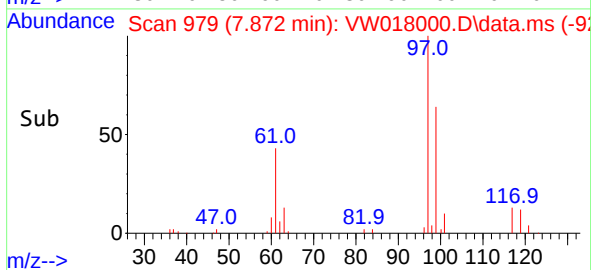
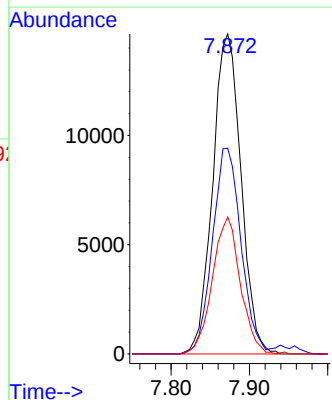
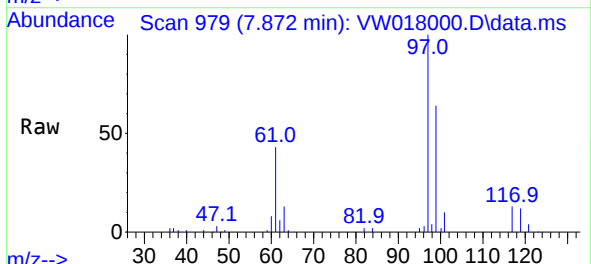
Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.8	37.2
84	100.3	74.2	111.4

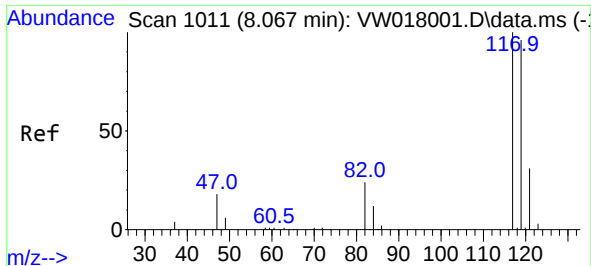


#31
1,1,1-Trichloroethane
Concen: 4.71 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 97 Resp: 36846

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	42.2	33.6	50.4

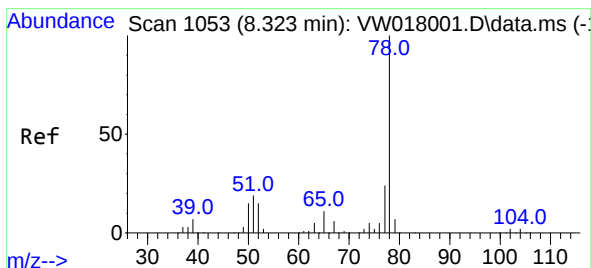
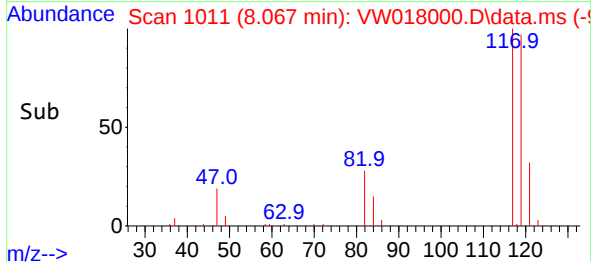
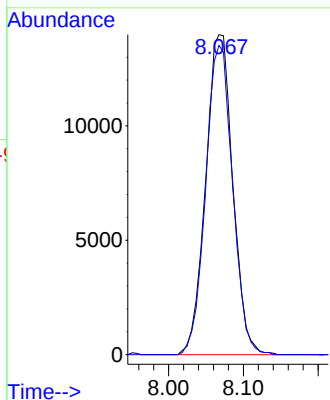
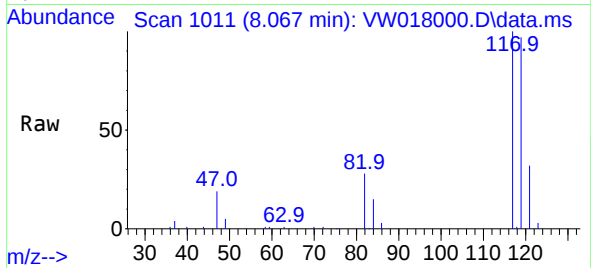




#32
Carbon tetrachloride
Concen: 4.66 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

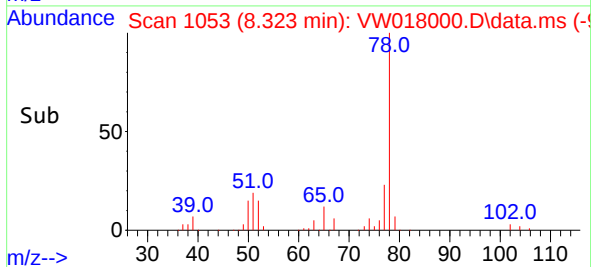
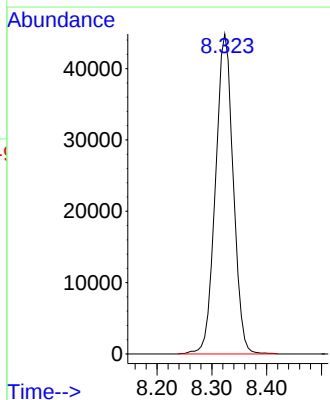
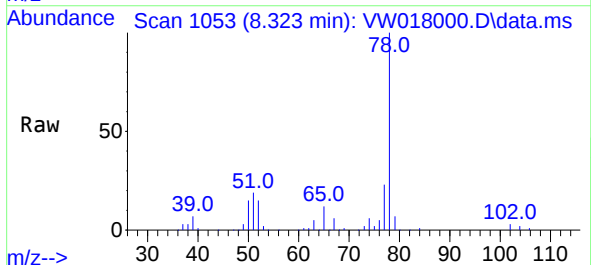
Instrument :
MSVOA_W
ClientSampled :

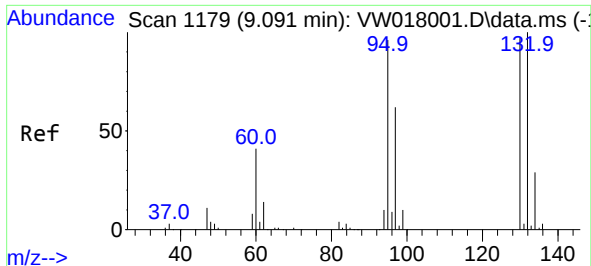
Tgt Ion:117 Resp: 35240
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#34
Benzene
Concen: 4.83 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

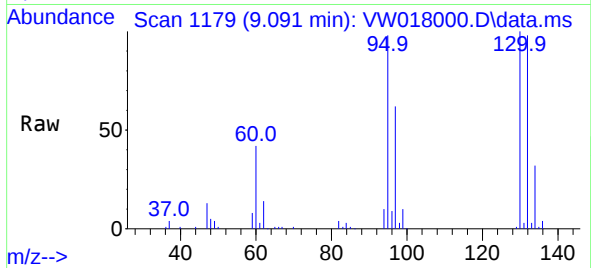
Tgt Ion: 78 Resp: 100829





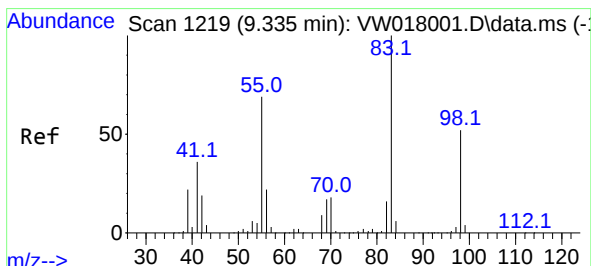
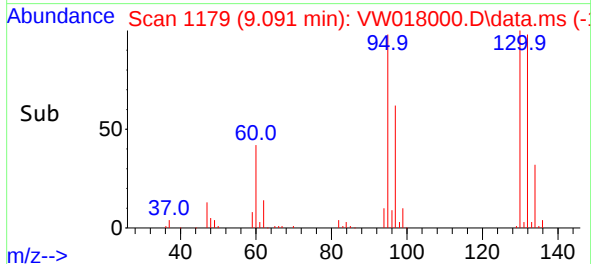
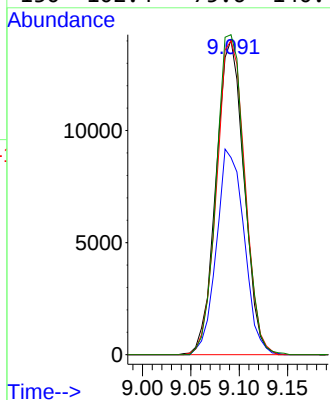
#35
Trichloroethene
Concen: 4.82 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_W
ClientSampled :

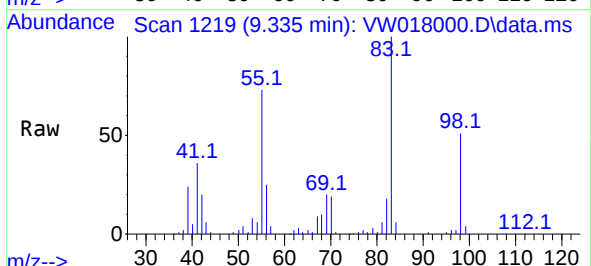


Tgt Ion: 95 Resp: 28170

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	100.8	71.0	131.8
130	102.4	75.6	140.4

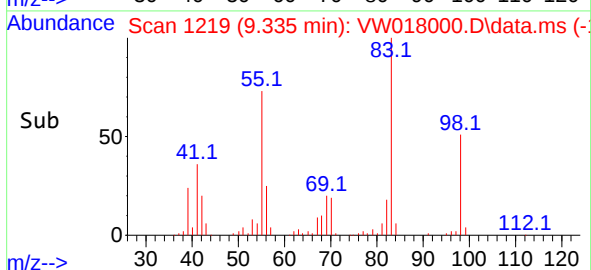
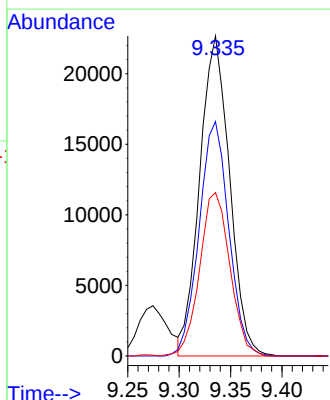


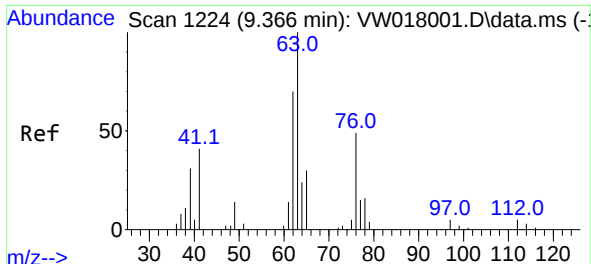
#36
Methylcyclohexane
Concen: 4.61 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32



Tgt Ion: 83 Resp: 45905

Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.4	89.0
98	51.8	40.7	61.1

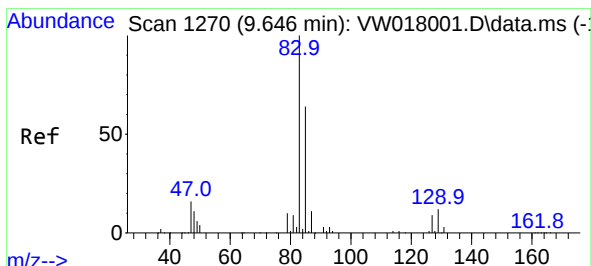
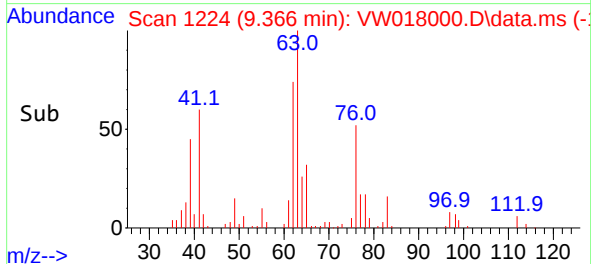
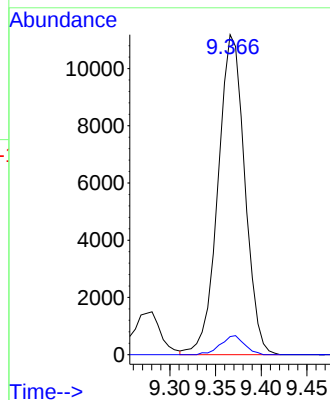
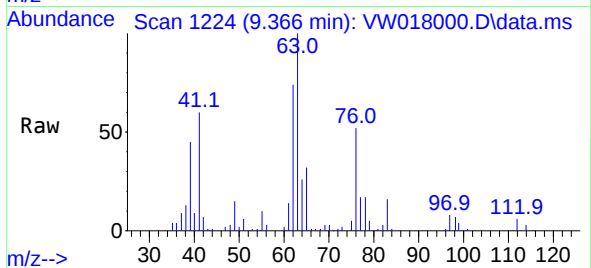




#40
1,2-Dichloropropane
Concen: 4.54 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

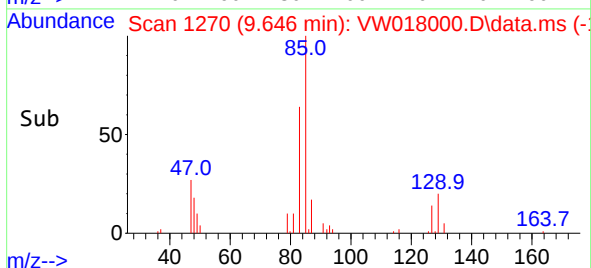
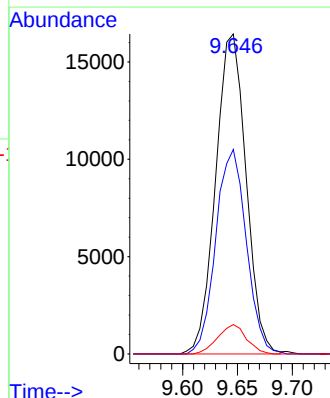
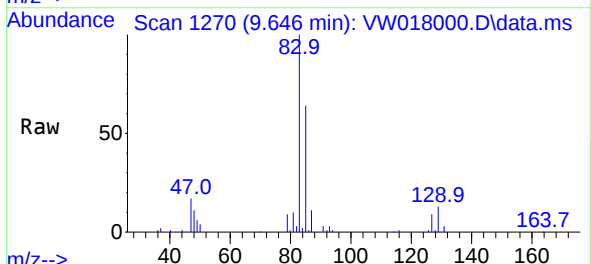
Instrument :
MSVOA_W
ClientSampled :

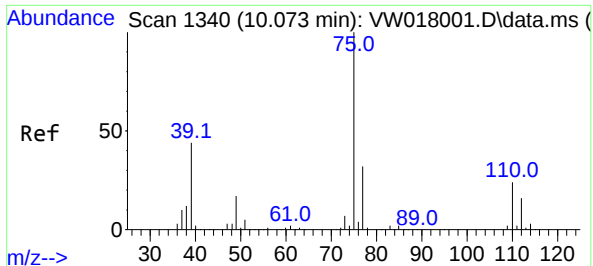
Tgt Ion: 63 Resp: 22812
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#41
Bromodichloromethane
Concen: 4.73 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 83 Resp: 31745
Ion Ratio Lower Upper
83 100
85 63.9 46.8 86.8
127 9.2 7.6 11.4

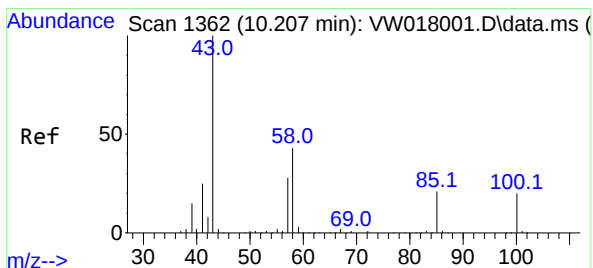
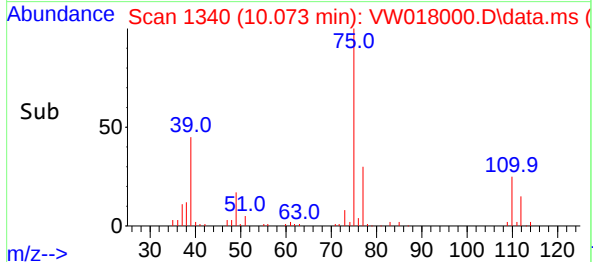
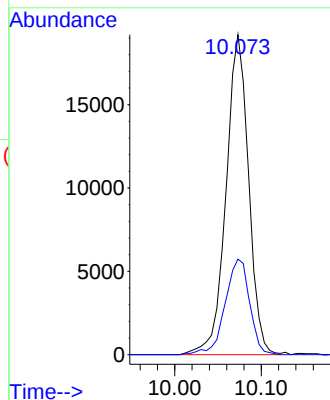
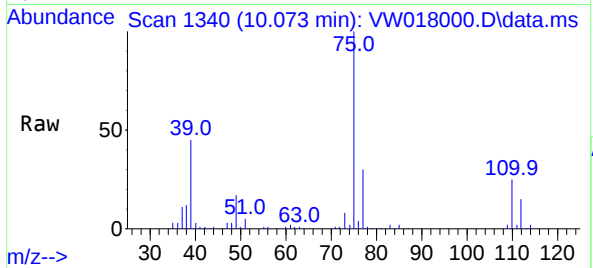




#42
cis-1,3-Dichloropropene
Concen: 4.66 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

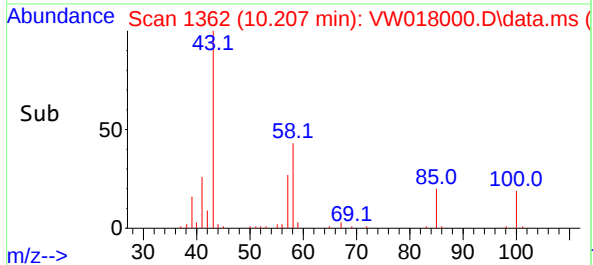
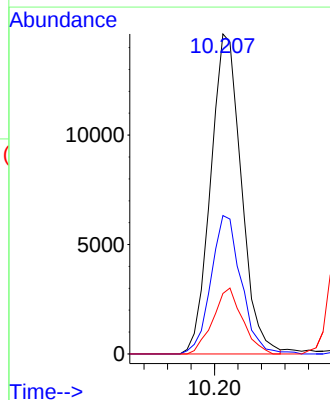
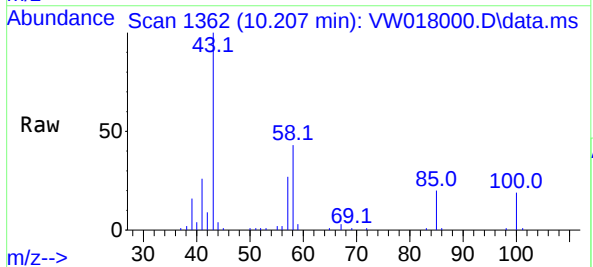
Instrument :
MSVOA_W
ClientSampled :

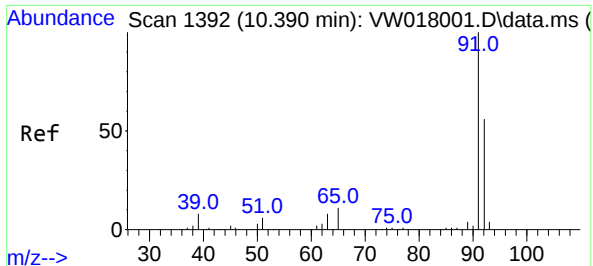
Tgt Ion: 75 Resp: 34755
Ion Ratio Lower Upper
75 100
77 29.9 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 9.03 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 43 Resp: 26458
Ion Ratio Lower Upper
43 100
58 42.6 31.6 47.4
100 19.8 14.1 21.1

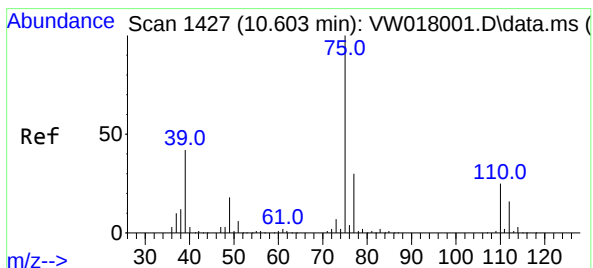
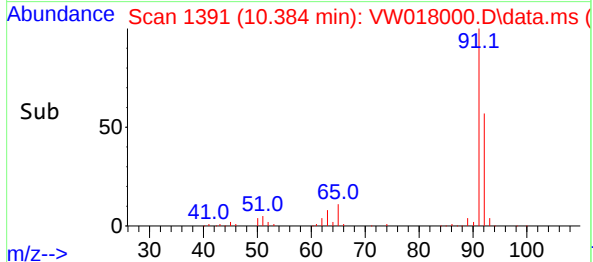
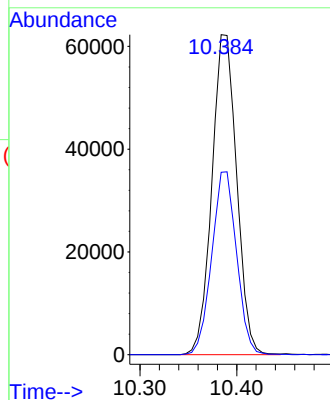
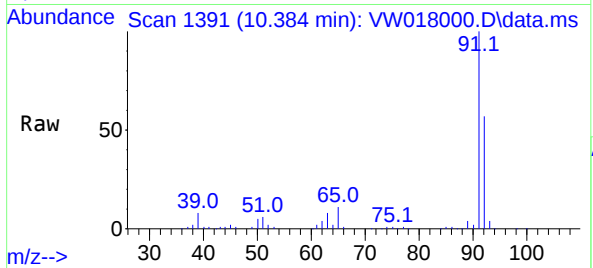




#44
Toluene
Concen: 4.83 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

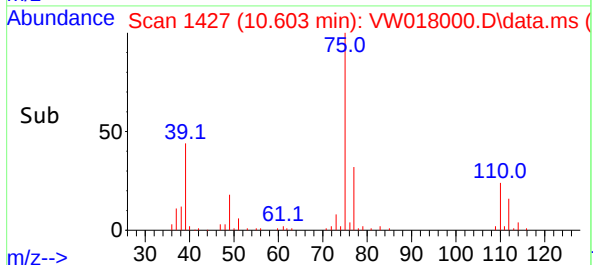
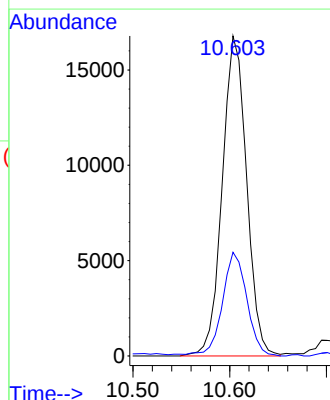
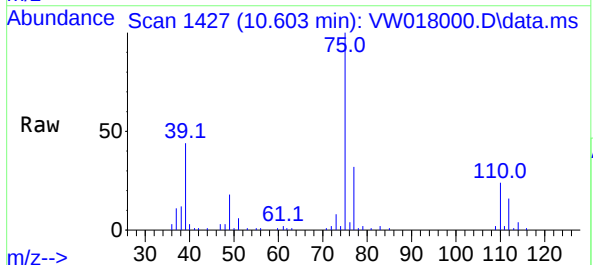
Instrument :
MSVOA_W
ClientSampled :

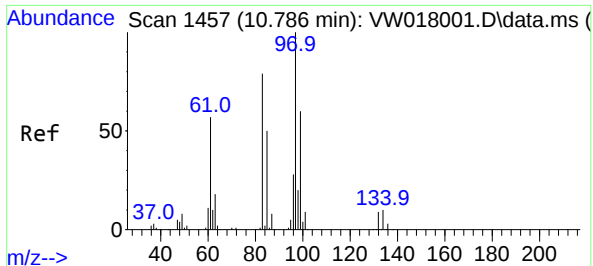
Tgt Ion: 91 Resp: 110915
Ion Ratio Lower Upper
91 100
92 57.0 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 4.52 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 75 Resp: 29327
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0

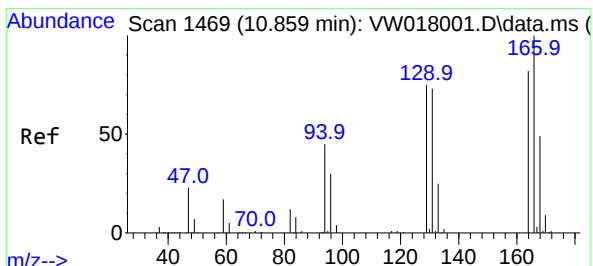
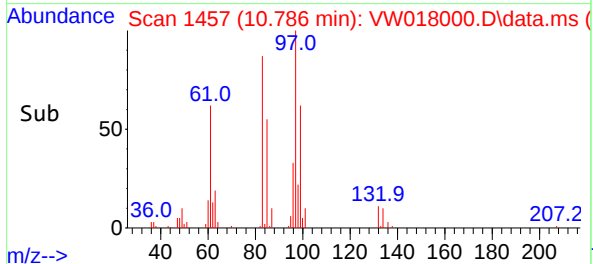
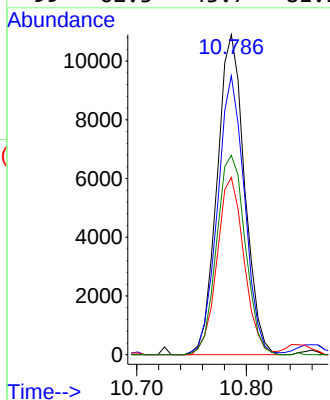
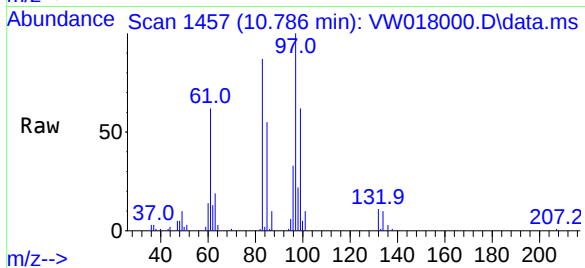




#46
1,1,2-Trichloroethane
Concen: 4.98 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

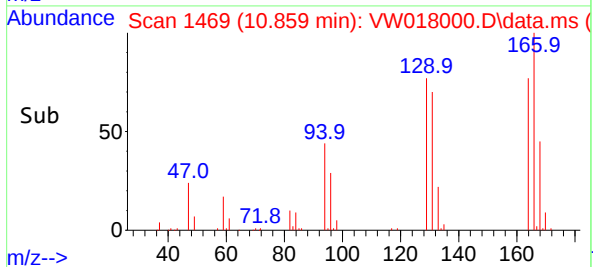
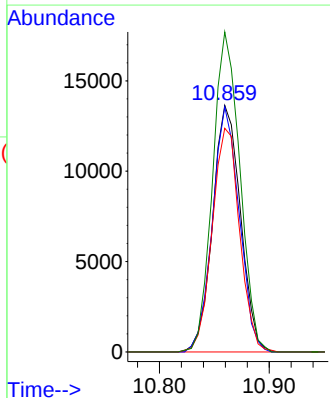
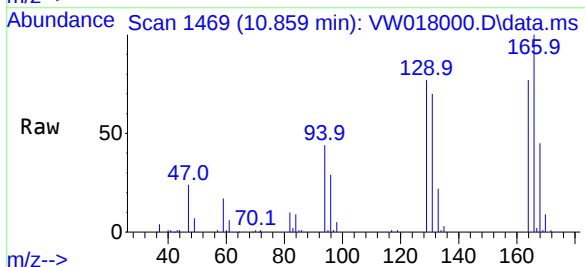
Instrument :
MSVOA_W
ClientSampled :

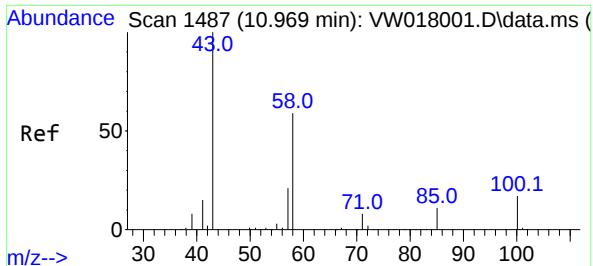
Tgt Ion:	97	Resp:	18985
Ion	Ratio	Lower	Upper
97	100		
83	87.2	58.5	108.7
85	55.4	37.8	70.2
99	62.3	43.7	81.1



#47
Tetrachloroethene
Concen: 5.08 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:	164	Resp:	24013
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.6	125.6
131	90.7	65.2	121.2
166	129.8	93.2	173.2



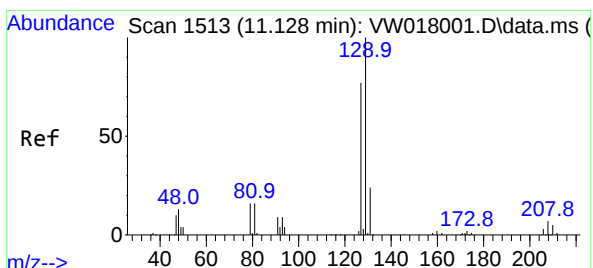
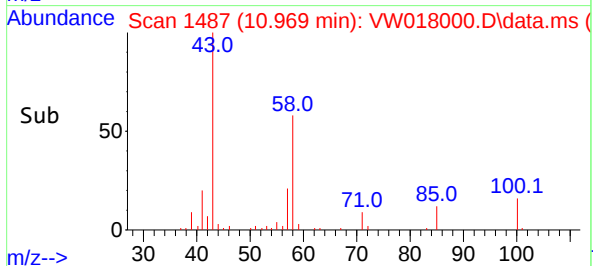
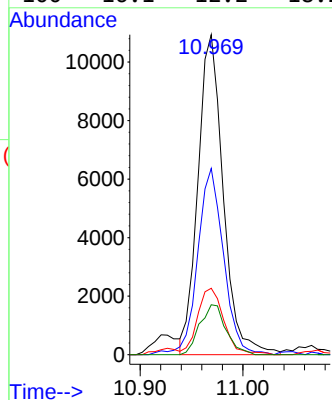
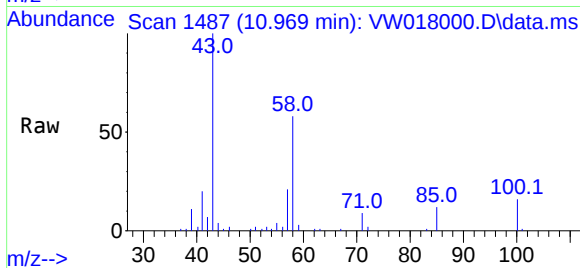


#49
2-Hexanone
Concen: 9.18 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43 Resp: 18792

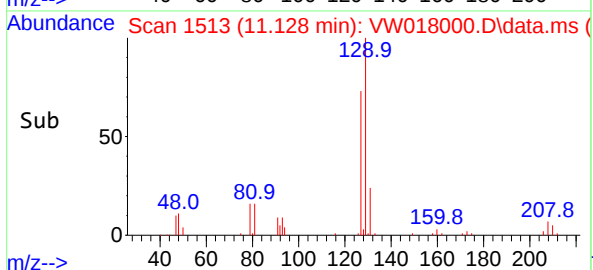
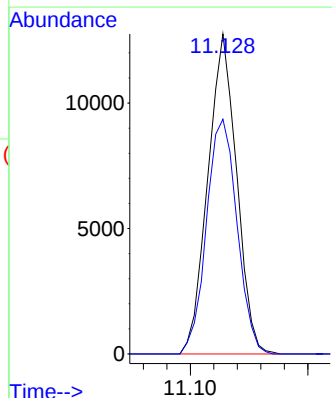
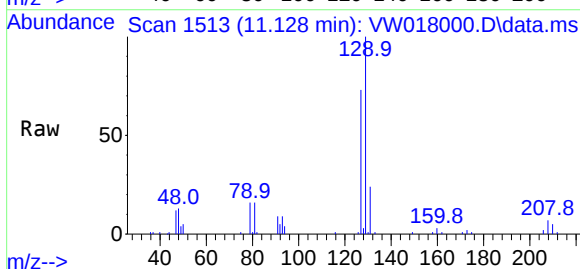
Ion	Ratio	Lower	Upper
43	100		
58	59.0	51.3	76.9
57	21.6	15.0	22.6
100	16.1	12.2	18.2

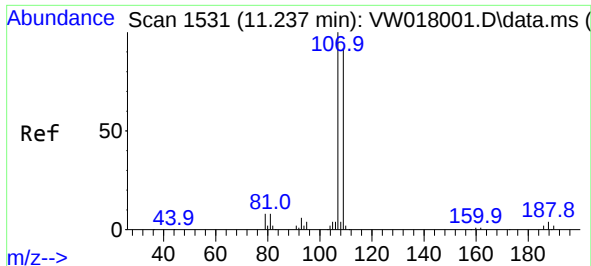


#50
Dibromochloromethane
Concen: 4.82 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 129 Resp: 21732

Ion	Ratio	Lower	Upper
129	100		
127	73.3	53.2	98.8

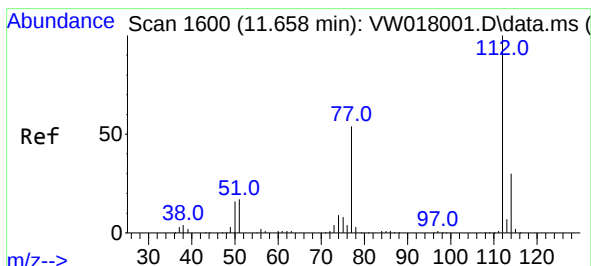
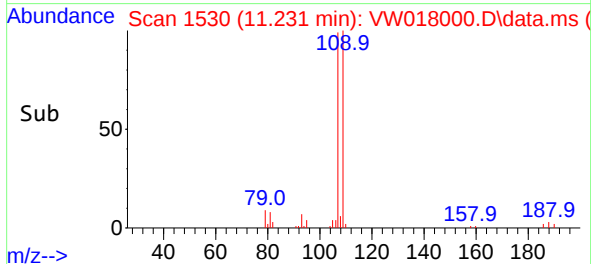
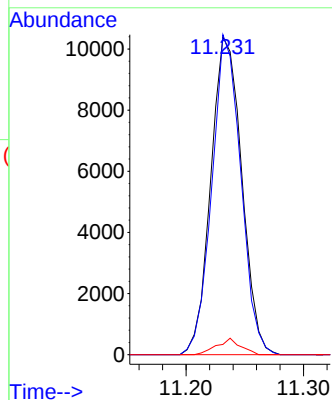
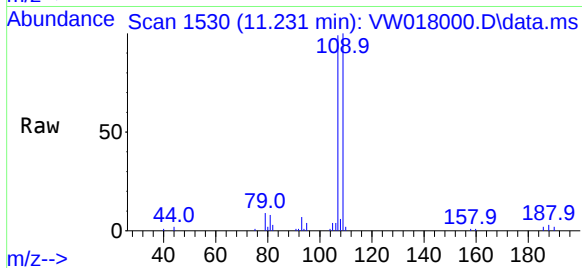




#51
1,2-Dibromoethane
Concen: 5.07 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

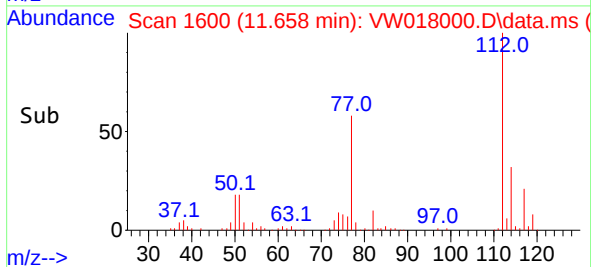
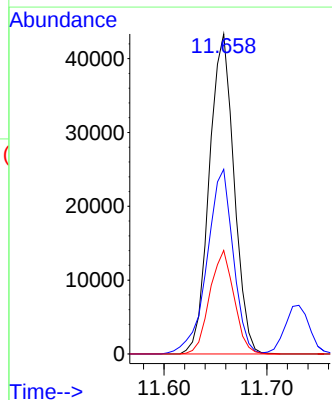
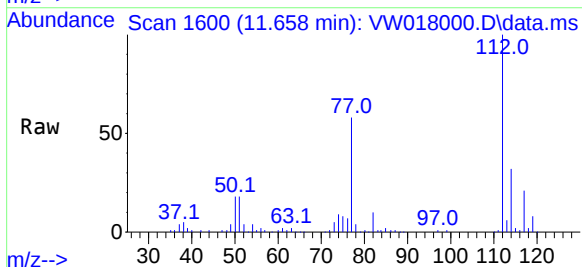
Instrument :
MSVOA_W
ClientSampleId :

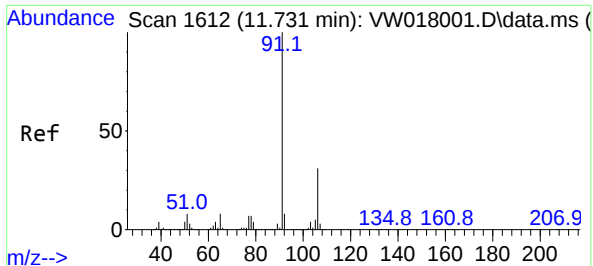
Tgt Ion:107 Resp: 18956
Ion Ratio Lower Upper
107 100
109 100.7 66.4 123.2
188 3.2 4.0 6.0#



#52
Chlorobenzene
Concen: 4.86 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:112 Resp: 72400
Ion Ratio Lower Upper
112 100
77 57.7 42.6 64.0
114 32.3 21.6 40.2

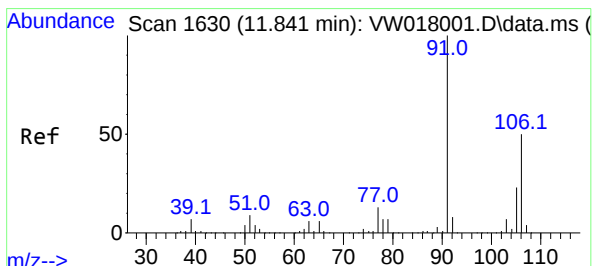
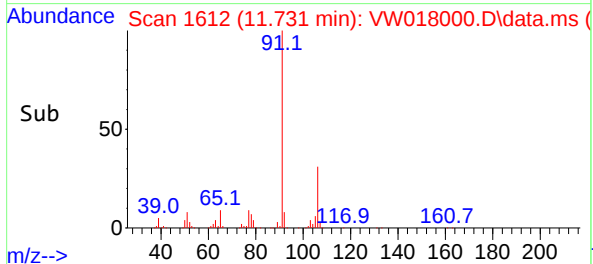
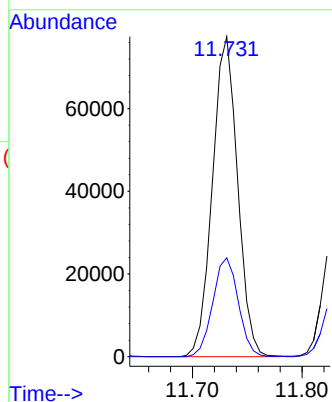
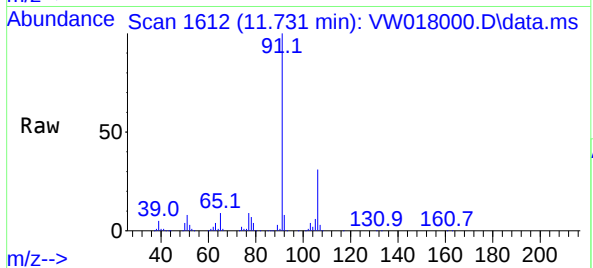




#53
Ethylbenzene
Concen: 4.72 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

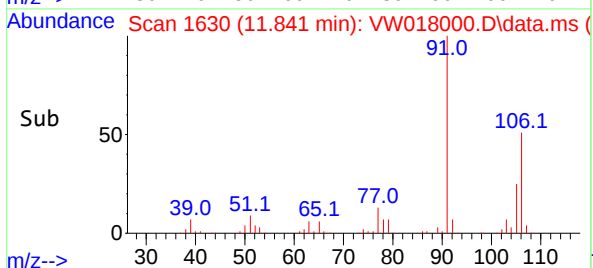
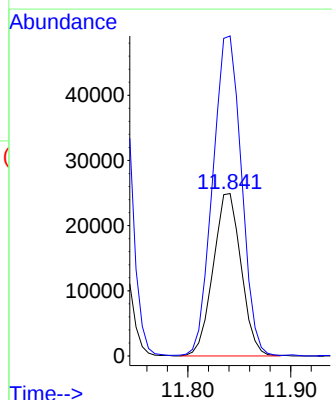
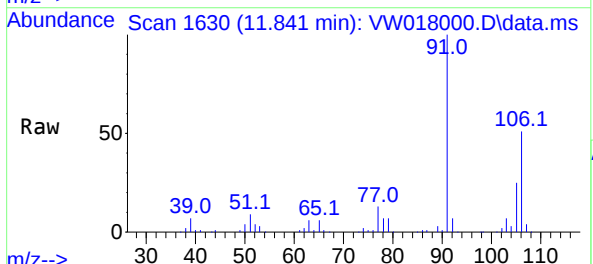
Instrument :
MSVOA_W
ClientSampled :

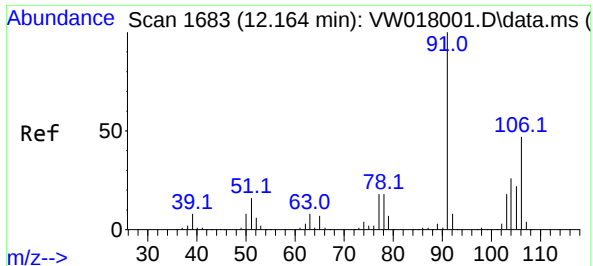
Tgt Ion: 91 Resp: 123448
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#54
m,p-Xylene
Concen: 4.67 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:106 Resp: 47121
Ion Ratio Lower Upper
106 100
91 197.0 136.4 253.4

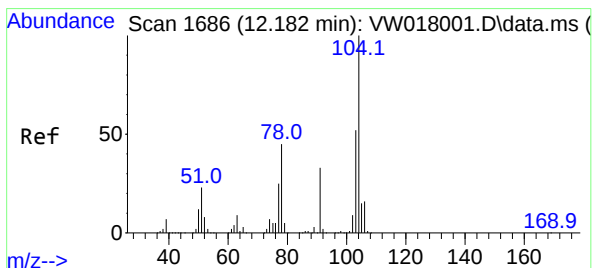
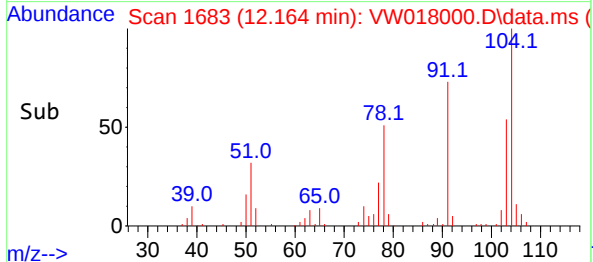
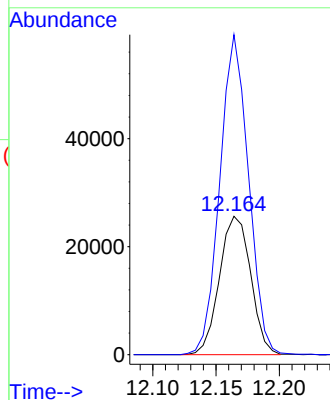
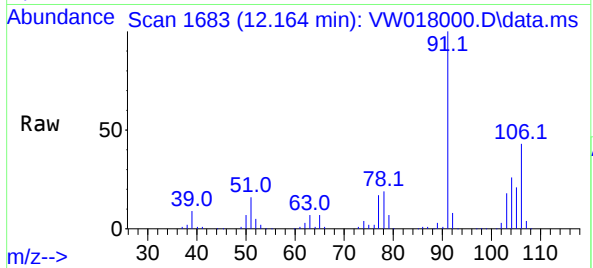




#55
o-xylene
Concen: 4.70 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

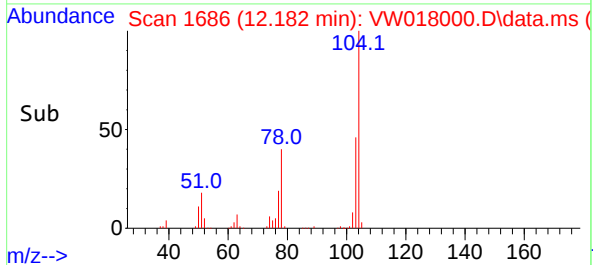
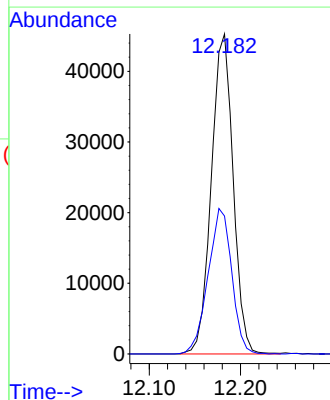
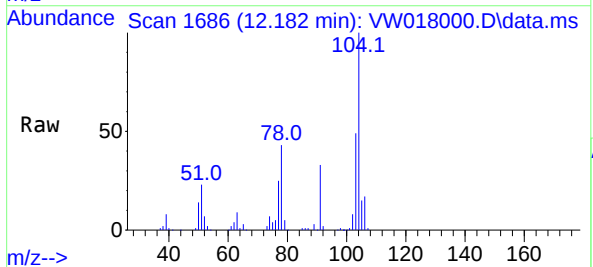
Instrument :
MSVOA_W
ClientSampled :

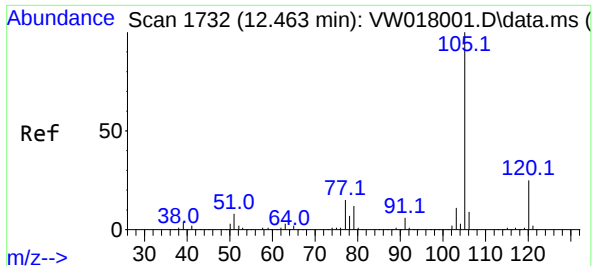
Tgt Ion:106 Resp: 44038
Ion Ratio Lower Upper
106 100
91 231.1 147.6 274.2



#56
Styrene
Concen: 4.74 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:104 Resp: 75145
Ion Ratio Lower Upper
104 100
78 43.1 31.3 58.1

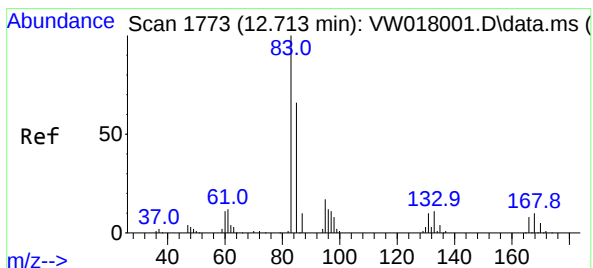
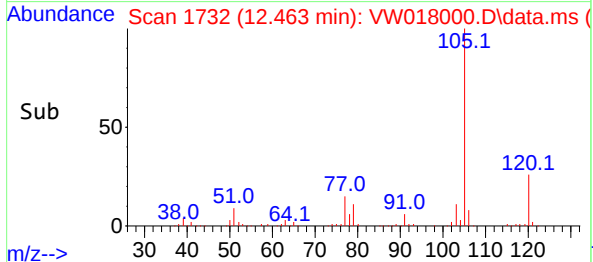
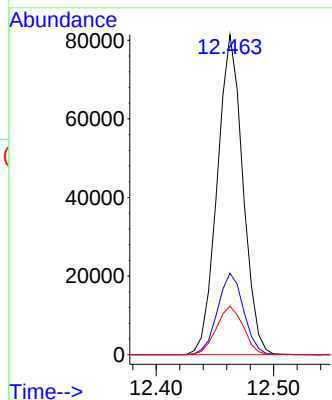
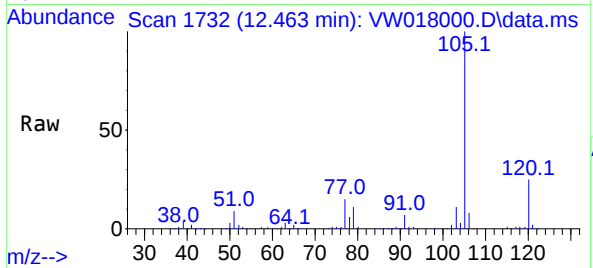




#57
Isopropylbenzene
Concen: 4.68 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

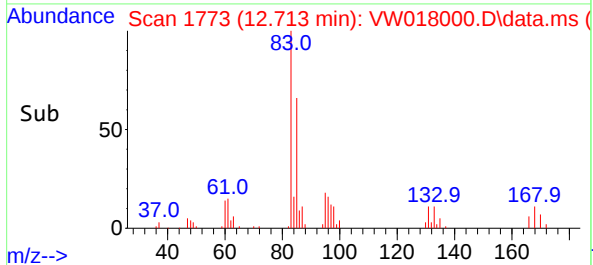
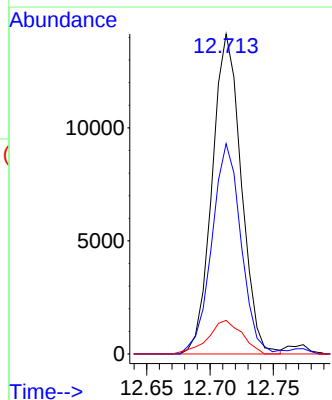
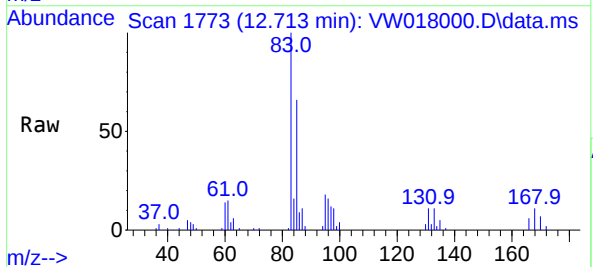
Instrument :
MSVOA_W
ClientSampled :

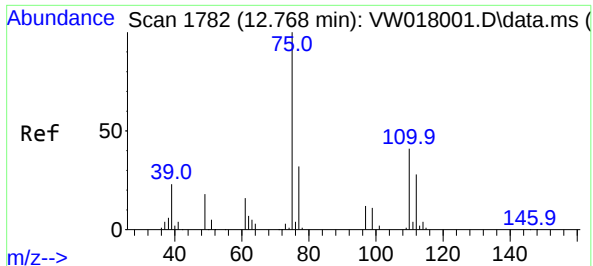
Tgt Ion:105 Resp: 123483
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 15.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 4.98 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 83 Resp: 22601
Ion Ratio Lower Upper
83 100
85 65.7 45.3 84.1
131 10.5 8.3 12.5

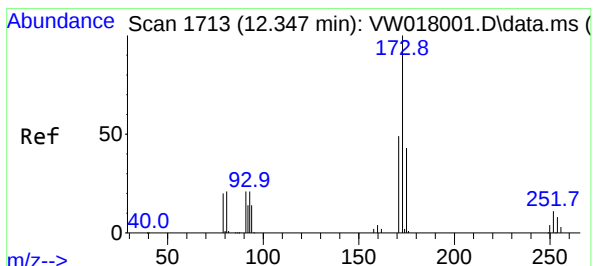
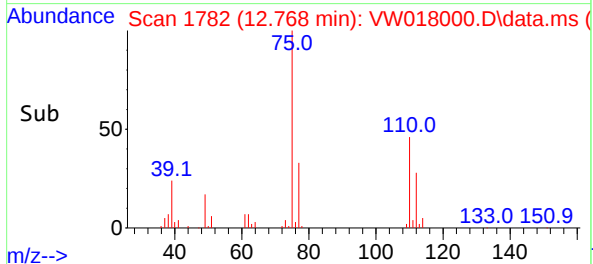
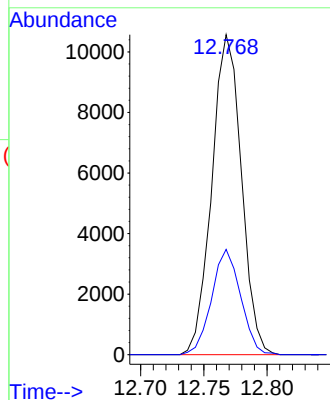
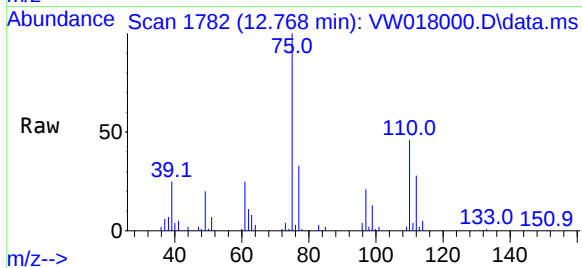




#59
1,2,3-Trichloropropane
Concen: 5.15 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

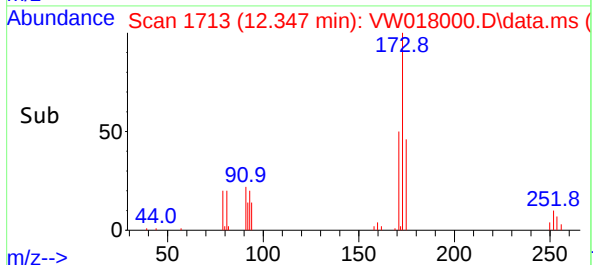
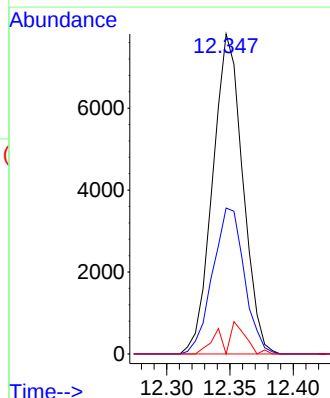
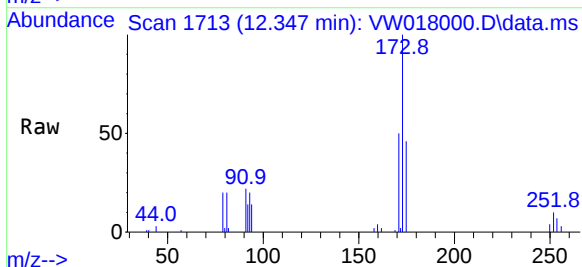
Instrument :
MSVOA_W
ClientSampled :

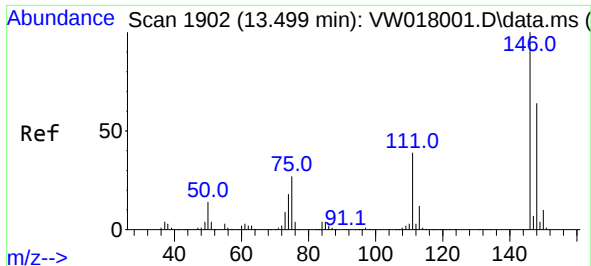
Tgt Ion: 75 Resp: 17179
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8



#62
Bromoform
Concen: 5.11 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:173 Resp: 12918
Ion Ratio Lower Upper
173 100
175 48.0 39.1 58.7
254 4.7 7.1 10.7#

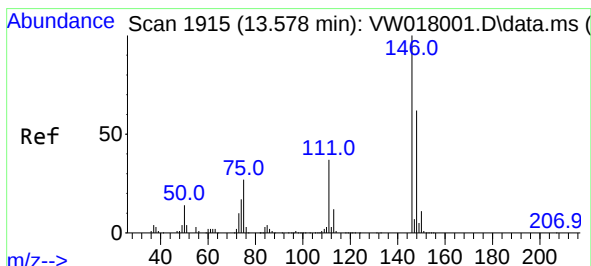
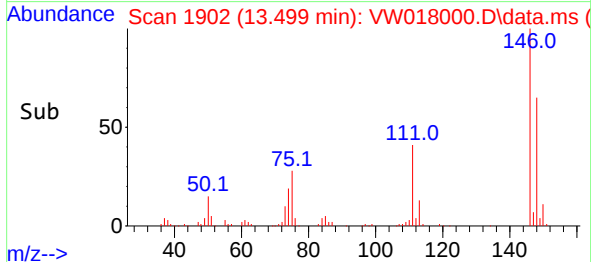
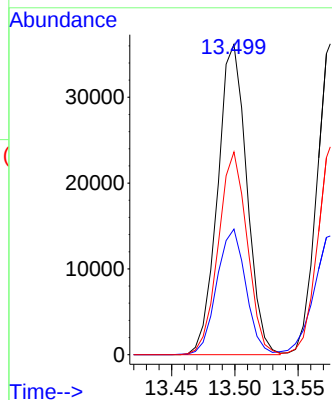
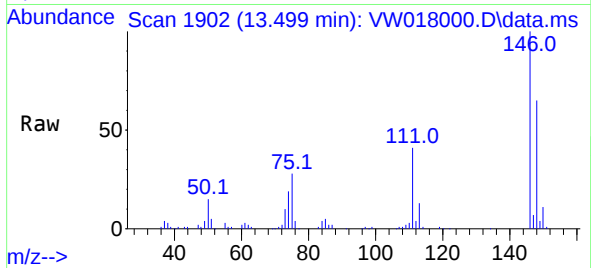




#63
1,3-Dichlorobenzene
Concen: 4.79 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

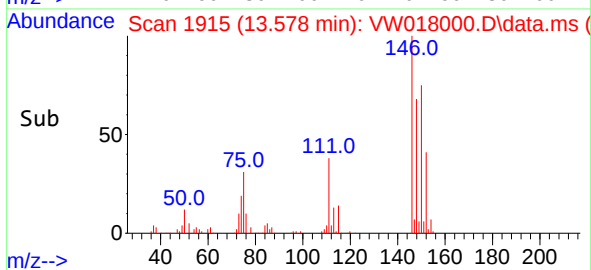
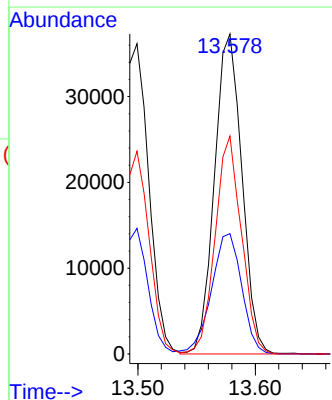
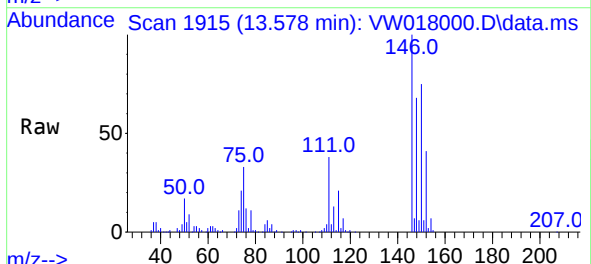
Instrument :
MSVOA_W
ClientSampleId :

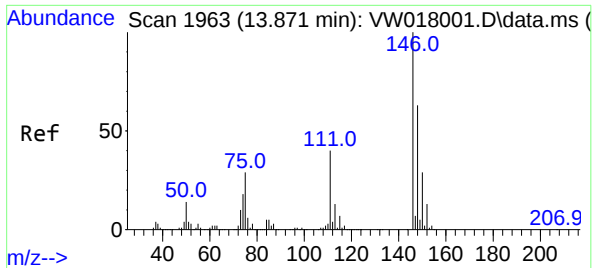
Tgt Ion:146 Resp: 57940
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 65.3 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 5.01 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

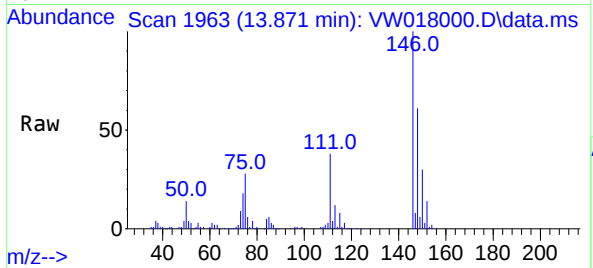
Tgt Ion:146 Resp: 60567
Ion Ratio Lower Upper
146 100
111 37.6 27.7 51.5
148 68.1 47.0 87.2



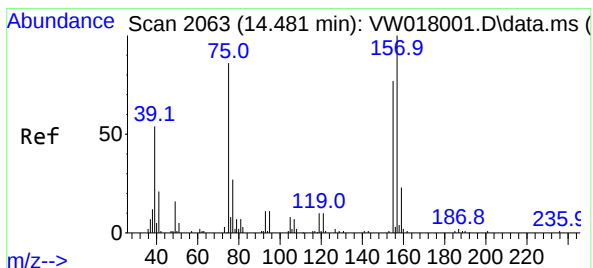
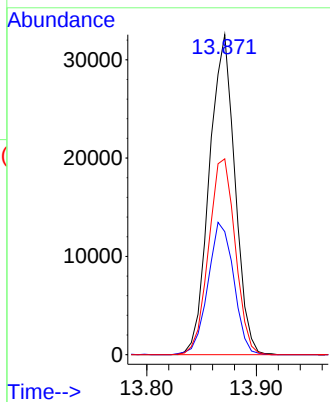
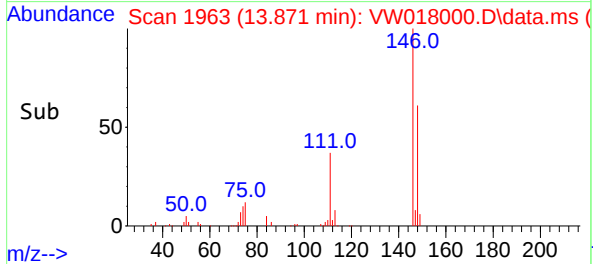


#65
1,2-Dichlorobenzene
Concen: 4.92 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

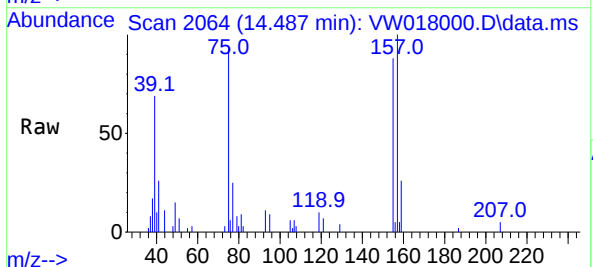
Instrument :
MSVOA_W
ClientSampled :



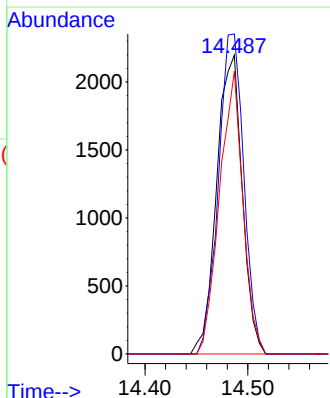
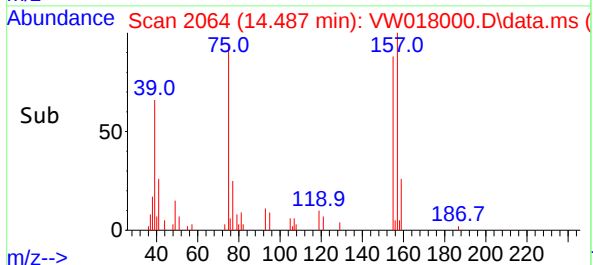
Tgt Ion:146 Resp: 52790
Ion Ratio Lower Upper
146 100
111 38.5 31.7 47.5
148 61.2 49.3 73.9

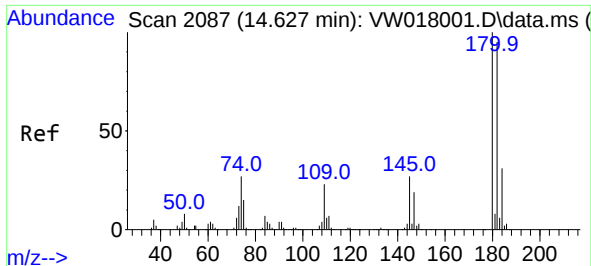


#66
1,2-Dibromo-3-chloropropane
Concen: 4.98 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32



Tgt Ion: 75 Resp: 3791
Ion Ratio Lower Upper
75 100
157 107.1 99.9 149.9
155 94.7 71.4 107.0





#67

1,3,5-Trichlorobenzene

Concen: 5.16 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW018000.D

Acq: 29 Jan 2021 14:32

Tgt Ion:180 Resp: 45098

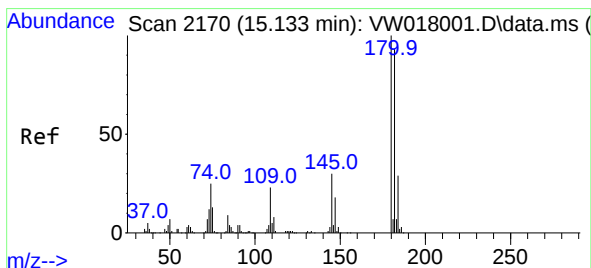
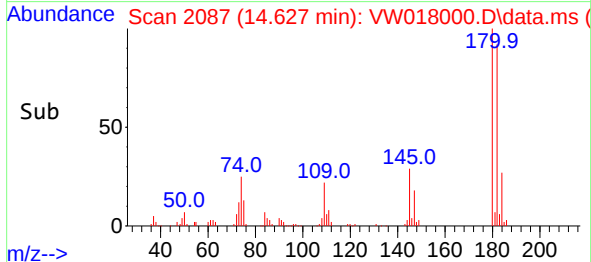
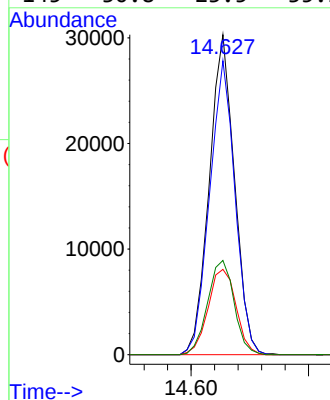
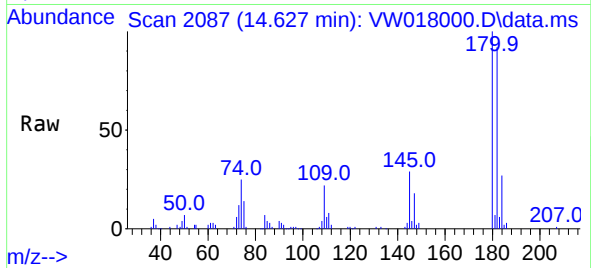
Ion Ratio Lower Upper

180 100

182 92.3 77.0 115.6

184 29.7 24.2 36.4

145 30.8 23.5 35.3



#68

1,2,4-trichlorobenzene

Concen: 5.01 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW018000.D

Acq: 29 Jan 2021 14:32

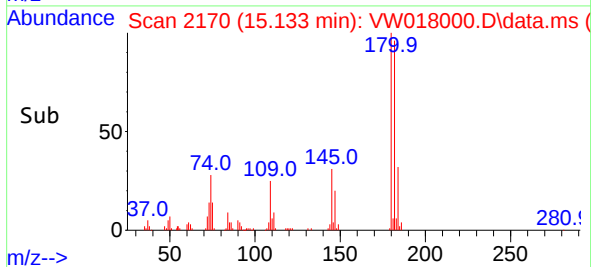
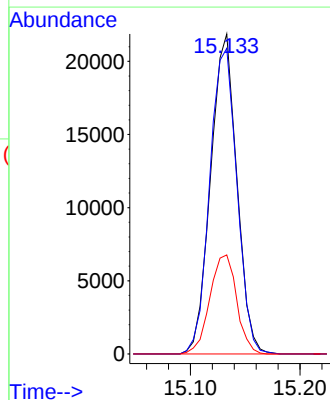
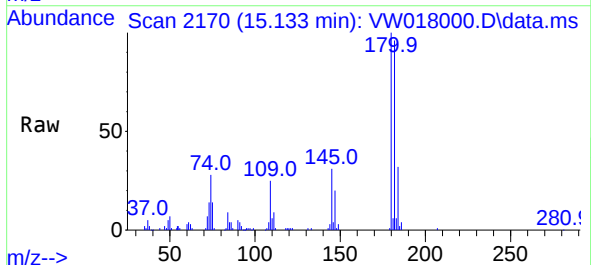
Tgt Ion:180 Resp: 36307

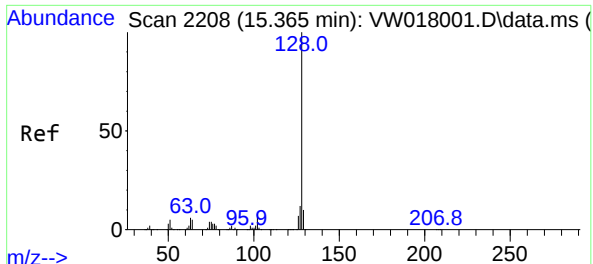
Ion Ratio Lower Upper

180 100

182 99.0 71.3 106.9

145 31.7 24.0 36.0

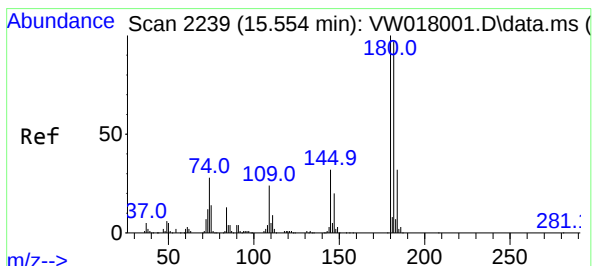
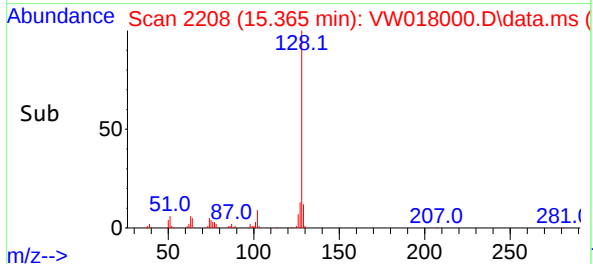
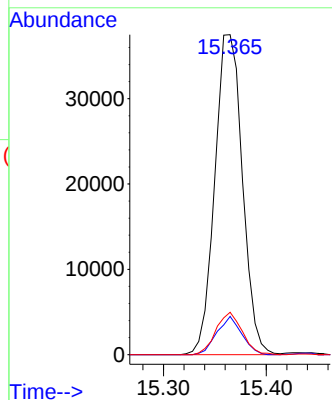
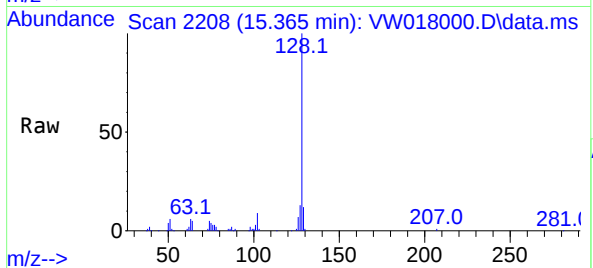




#69
Naphthalene
Concen: 4.97 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 70044
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 5.41 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018000.D
Acq: 29 Jan 2021 14:32

Tgt Ion:180 Resp: 34019
Ion Ratio Lower Upper
180 100
182 89.5 74.7 112.1
145 31.2 25.4 38.0

