

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017918.D
 Acq On : 18 Jan 2021 09:58
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 11:37:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 11:36:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	460161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	424331	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	213499	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	19185	2.62	ug/L	0.00
7) Chloroethane-d5	2.892	69	15377	2.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.123	63	58	0.00	ug/L	0.10
20) 2-Butanone-d5	7.086	46	7942	5.81	ug/L	0.00
24) Chloroform-d	7.647	84	32079	2.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	17884	2.73	ug/L	0.00
29) Benzene-d6	8.275	84	62116	2.57	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	17662	2.64	ug/L	0.00
37) Toluene-d8	10.323	98	57262	2.47	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	7004	2.31	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	4991	5.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	14498	2.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	18843	2.49	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	13282	2.50	ug/L	99
3) Chloromethane	2.209	50	14422	3.12	ug/L	88
5) Vinyl chloride	2.361	62	19674	2.52	ug/L	98
6) Bromomethane	2.776	94	14964	2.63	ug/L	99
8) Chloroethane	2.928	64	11944	2.47	ug/L	95
9) Trichlorofluoromethane	3.263	101	14203	2.24	ug/L	96
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	17083	2.87	ug/L #	72
12) 1,1-Dichloroethene	4.044	96	15665	2.71	ug/L	91
13) Acetone	4.129	43	7216	6.79	ug/L	97
14) Carbon disulfide	4.385	76	47206	2.73	ug/L	99
15) Methyl Acetate	4.678	43	7686	3.44	ug/L #	77
16) Methylene chloride	4.922	84	21553	3.21	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	21245	2.85	ug/L #	93
18) trans-1,2-Dichloroethene	5.422	96	9849	1.58	ug/L	96
19) 1,1-Dichloroethane	6.220	63	28335	2.66	ug/L	94
21) 2-Butanone	7.183	43	9667	6.28	ug/L	99
22) cis-1,2-Dichloroethene	7.159	96	10906	1.67	ug/L	92
23) Bromochloromethane	7.519	128	7848	2.80	ug/L	82
25) Chloroform	7.671	83	31206	2.80	ug/L	99
27) 1,2-Dichloroethane	8.397	62	20598	2.79	ug/L	96
30) Cyclohexane	7.958	56	27452	2.70	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	25769	2.64	ug/L	97
32) Carbon tetrachloride	8.074	117	23956	2.60	ug/L	100
34) Benzene	8.324	78	65999	2.70	ug/L	100
35) Trichloroethene	9.092	95	17963	2.67	ug/L	97
36) Methylcyclohexane	9.336	83	31186	2.65	ug/L	98
40) 1,2-Dichloropropane	9.372	63	15978	2.77	ug/L #	92
41) Bromodichloromethane	9.646	83	20792	2.62	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	22586	2.45	ug/L	97
43) 4-Methyl-2-pentanone	10.213	43	18499	5.83	ug/L	97
44) Toluene	10.390	91	72063	2.60	ug/L	94
45) trans-1,3-Dichloropropene	10.610	75	18621	2.34	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017918.D
 Acq On : 18 Jan 2021 09:58
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

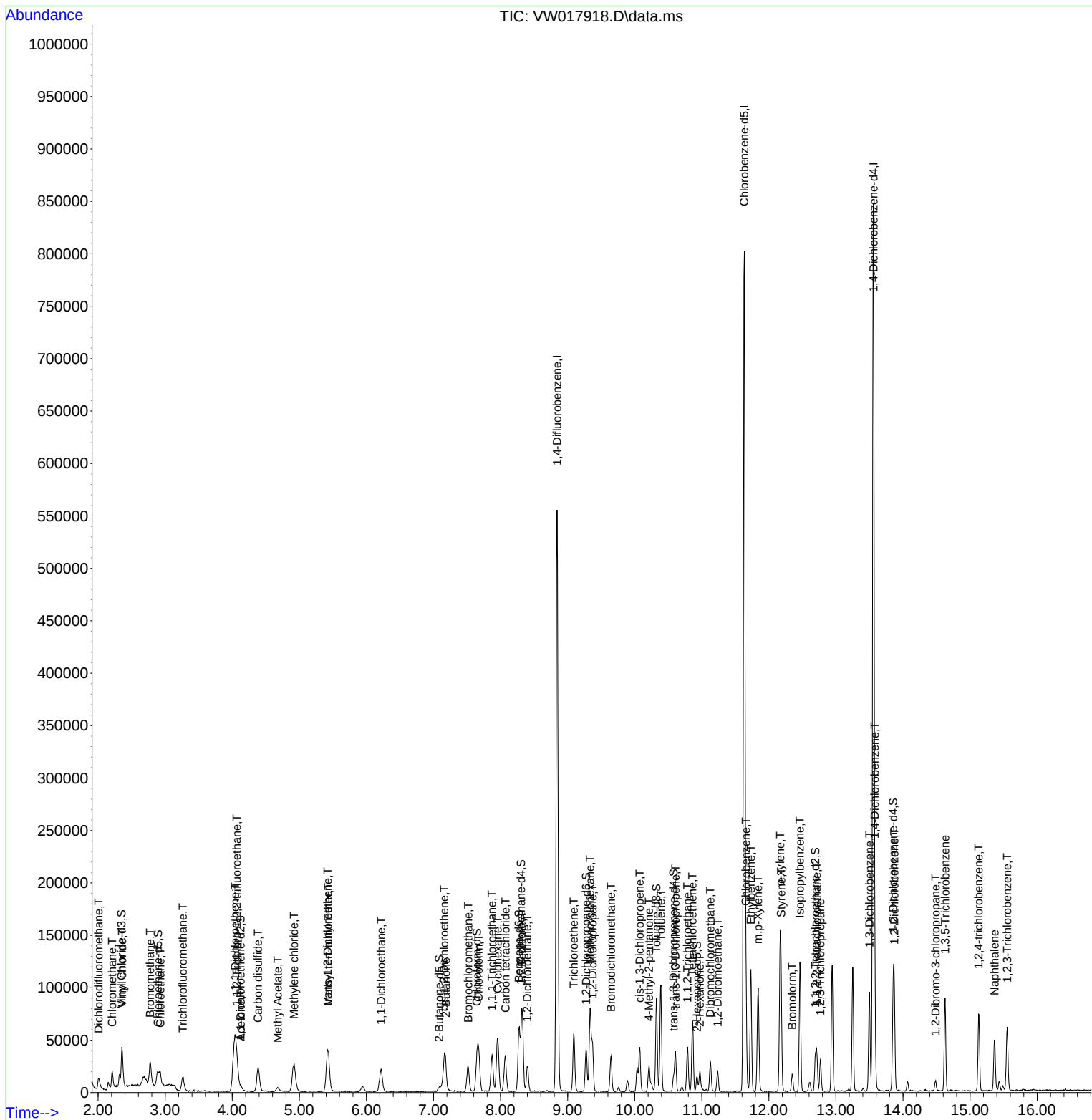
Quant Time: Jan 18 11:37:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 11:36:18 2021
 Response via : Initial Calibration

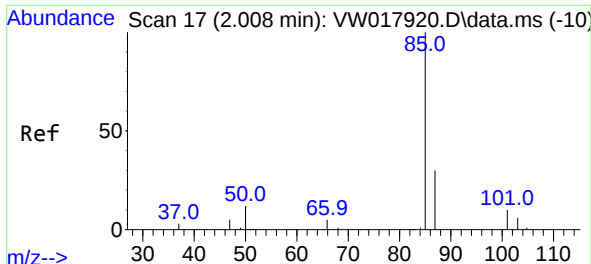
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 1,1,2-Trichloroethane	10.787	97	12471	2.81	ug/L	88
47) Tetrachloroethene	10.860	164	14276	2.70	ug/L	91
49) 2-Hexanone	10.969	43	11061	4.94	ug/L	97
50) Dibromochloromethane	11.128	129	13954	2.68	ug/L	96
51) 1,2-Dibromoethane	11.238	107	11954	2.81	ug/L #	90
52) Chlorobenzene	11.658	112	46569	2.70	ug/L	92
53) Ethylbenzene	11.731	91	80020	2.55	ug/L	97
54) m,p-Xylene	11.841	106	31573	2.59	ug/L	98
55) o-xylene	12.170	106	28278	2.46	ug/L	99
56) Styrene	12.183	104	46432	2.42	ug/L	96
57) Isopropylbenzene	12.463	105	79959	2.52	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	15138	2.95	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	11451	3.01	ug/L	97
62) Bromoform	12.347	173	6642	2.44	ug/L #	91
63) 1,3-Dichlorobenzene	13.499	146	35844	2.70	ug/L	92
64) 1,4-Dichlorobenzene	13.579	146	36014	2.71	ug/L	90
65) 1,2-Dichlorobenzene	13.871	146	31422	2.66	ug/L	90
66) 1,2-Dibromo-3-chloropr...	14.487	75	2437	2.88	ug/L #	68
67) 1,3,5-Trichlorobenzene	14.627	180	24587	2.69	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	20223	2.68	ug/L	91
69) Naphthalene	15.365	128	39553	2.60	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	17895	2.75	ug/L	97

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

Quant Time: Jan 18 11:37:17 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 11:36:18 2021
Response via : Initial Calibration

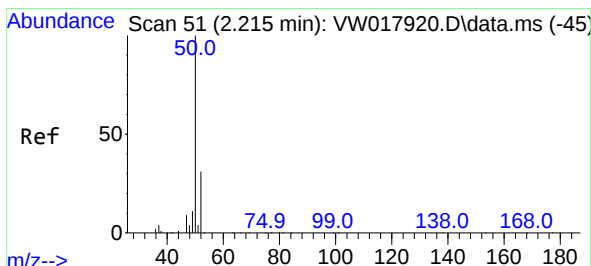
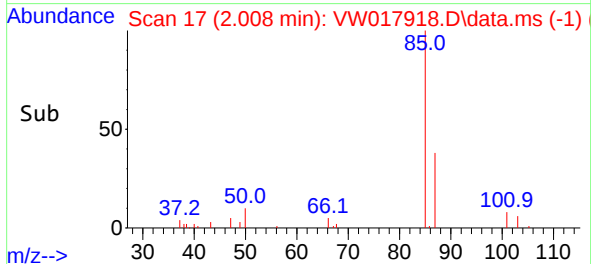
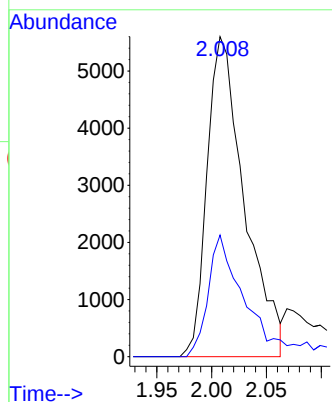
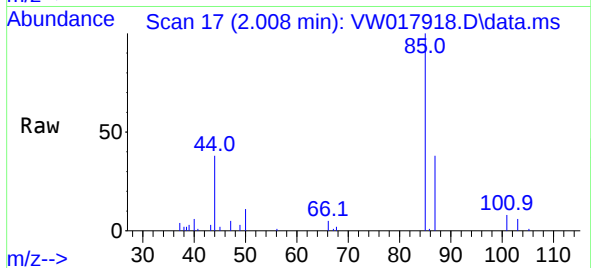




#2
Dichlorodifluoromethane
Concen: 2.50 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

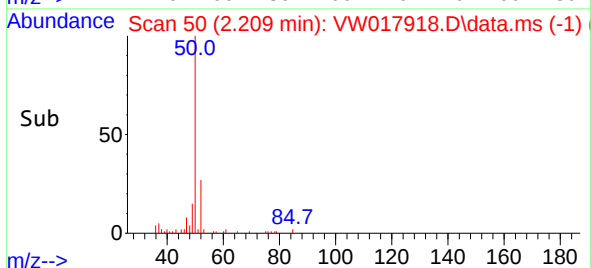
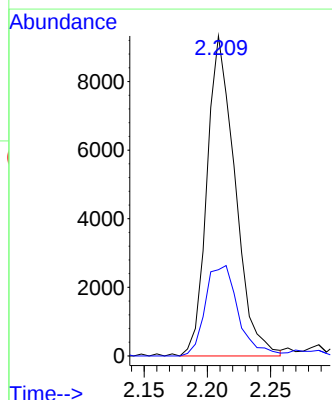
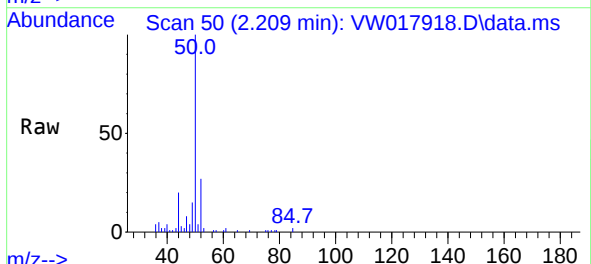
Instrument :
MSVOA_W
ClientSampled :

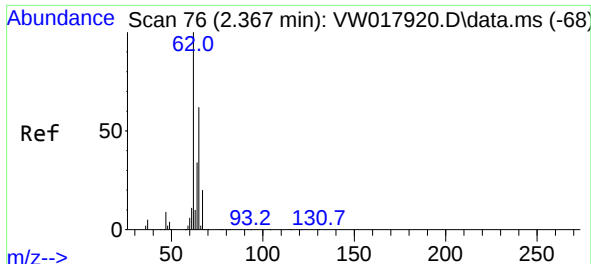
Tgt Ion: 85 Resp: 13282
Ion Ratio Lower Upper
85 100
87 33.7 23.2 43.0



#3
Chloromethane
Concen: 3.12 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 50 Resp: 14422
Ion Ratio Lower Upper
50 100
52 26.9 23.4 43.6

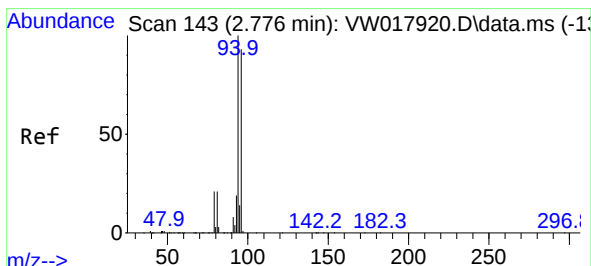
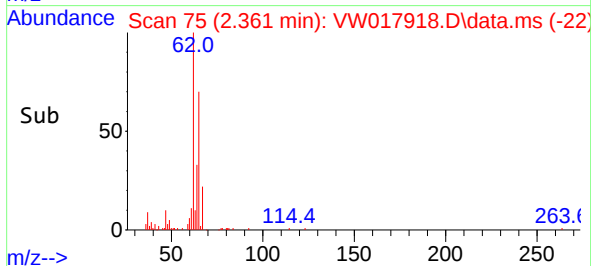
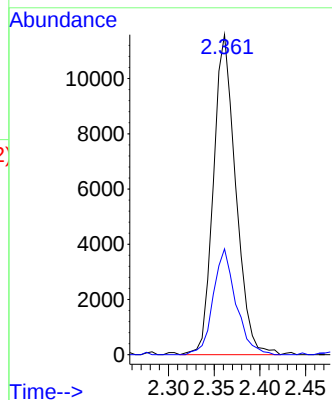
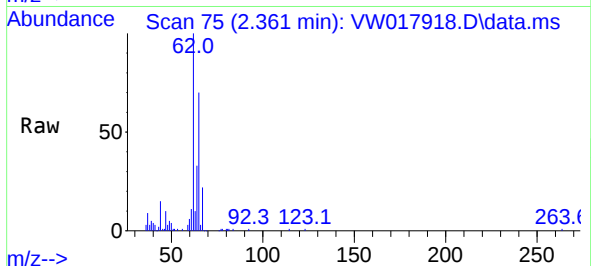




#5
 Vinyl chloride
 Concen: 2.52 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017918.D
 Acq: 18 Jan 2021 09:58

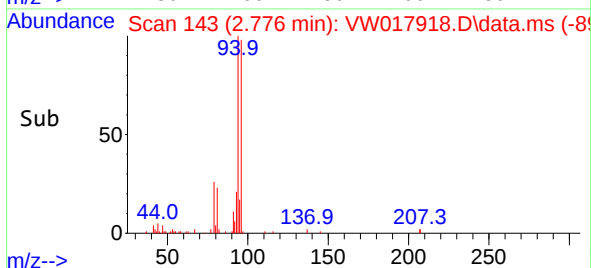
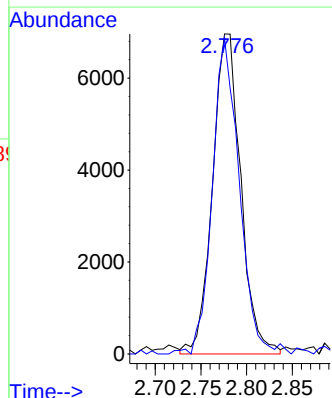
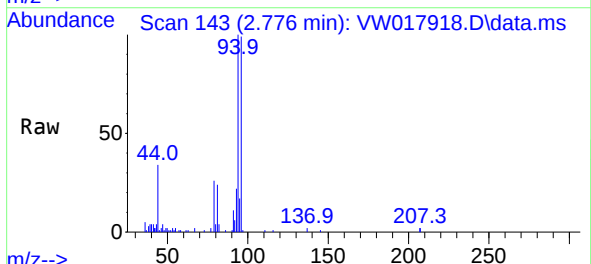
Instrument :
 MSVOA_W
 ClientSampleId :

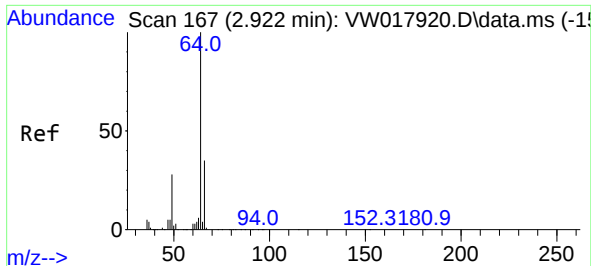
Tgt Ion: 62 Resp: 19674
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.9 44.5



#6
 Bromomethane
 Concen: 2.63 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW017918.D
 Acq: 18 Jan 2021 09:58

Tgt Ion: 94 Resp: 14964
 Ion Ratio Lower Upper
 94 100
 96 92.9 9.4 178.0

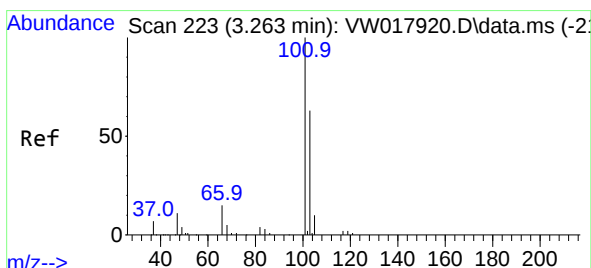
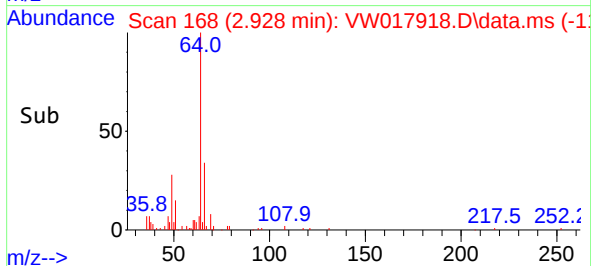
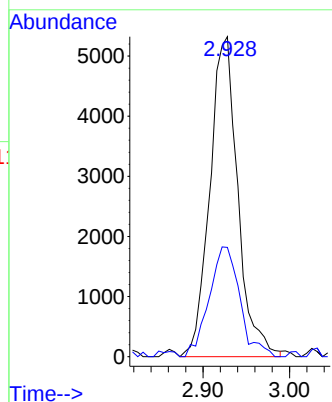
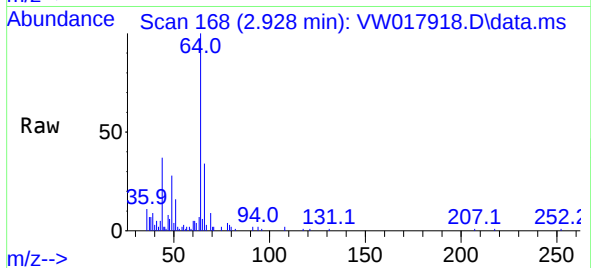




#8
Chloroethane
Concen: 2.47 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

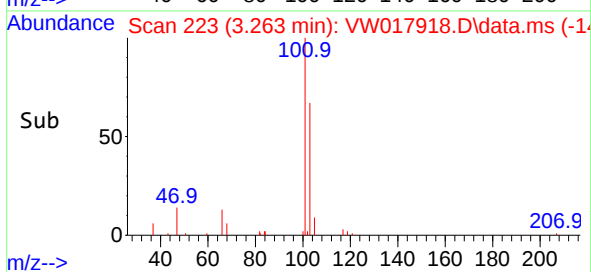
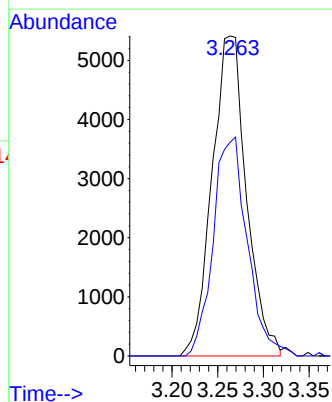
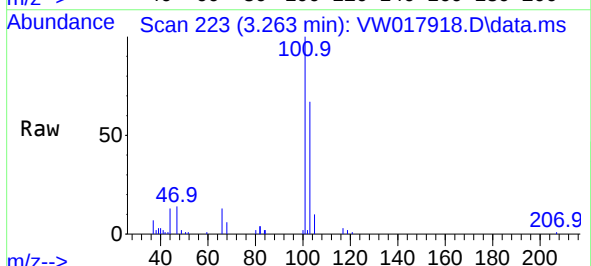
Instrument :
MSVOA_W
ClientSampled :

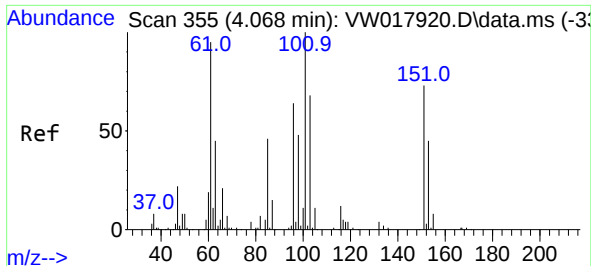
Tgt Ion: 64 Resp: 11944
Ion Ratio Lower Upper
64 100
66 34.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.24 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 101 Resp: 14203
Ion Ratio Lower Upper
101 100
103 67.7 45.0 83.6

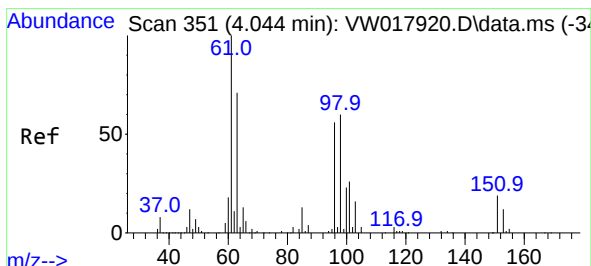
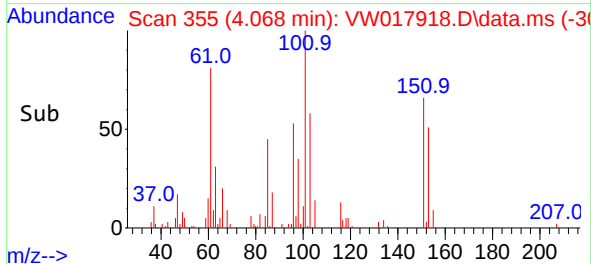
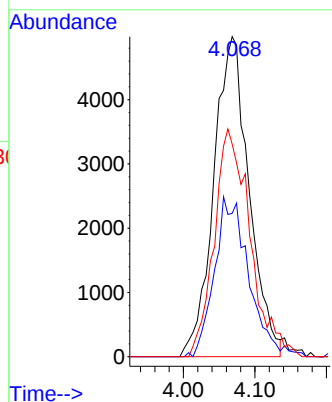
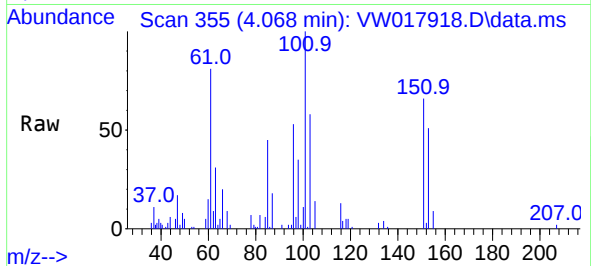




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.87 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

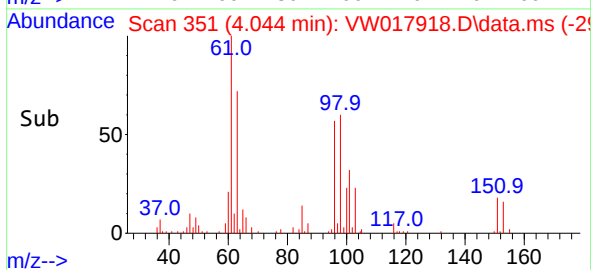
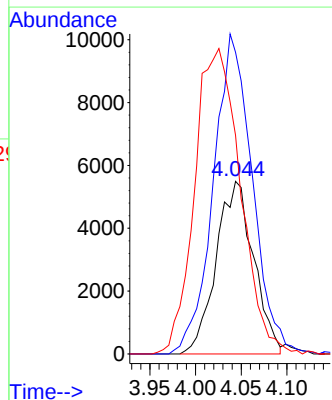
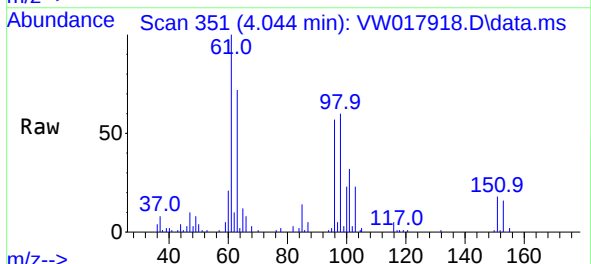
Instrument :
MSVOA_W
ClientSampled :

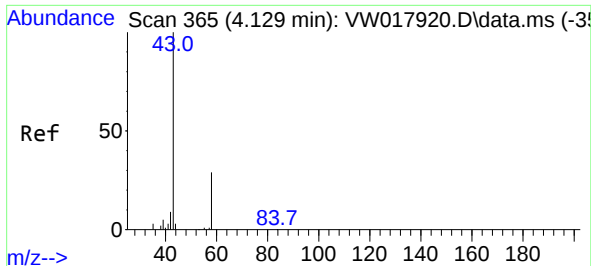
Tgt Ion:101 Resp: 17083
Ion Ratio Lower Upper
101 100
85 21.2 34.2 51.4#
151 50.8 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 2.71 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 96 Resp: 15665
Ion Ratio Lower Upper
96 100
61 174.7 112.5 208.9
63 126.6 83.1 154.3

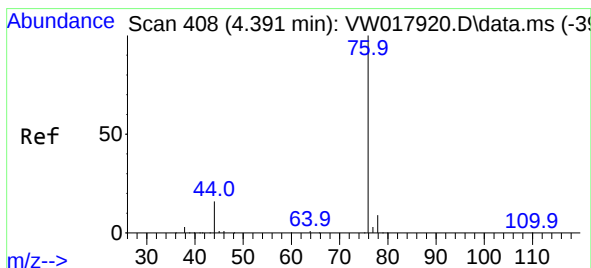
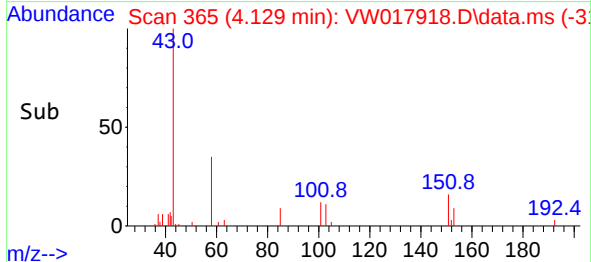
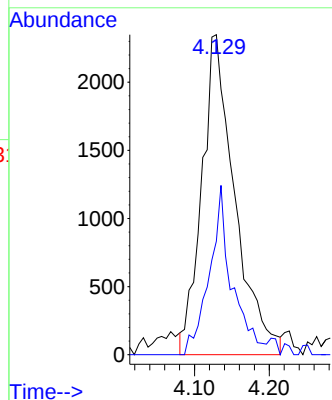
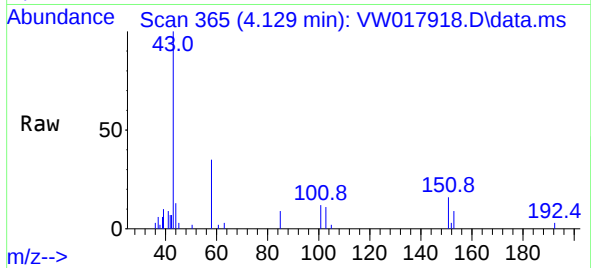




#13
Acetone
Concen: 6.79 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

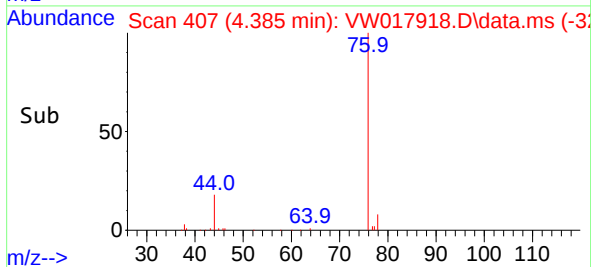
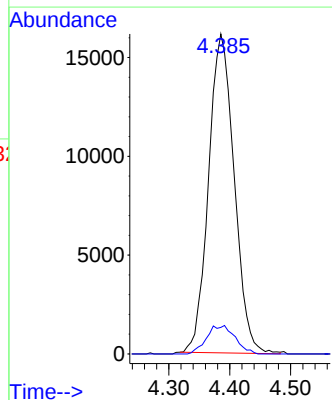
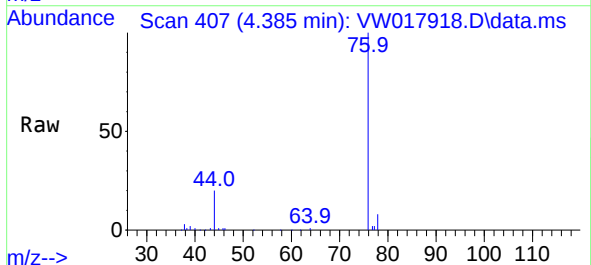
Instrument :
MSVOA_W
ClientSampled :

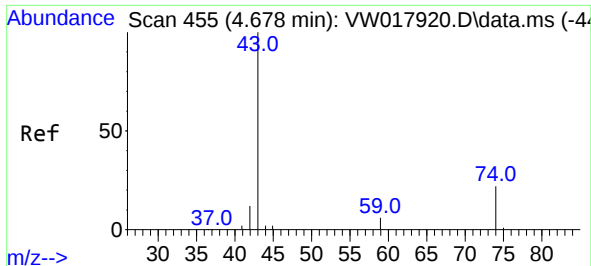
Tgt Ion: 43 Resp: 7216
Ion Ratio Lower Upper
43 100
58 36.2 0.0 68.4



#14
Carbon disulfide
Concen: 2.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 76 Resp: 47206
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

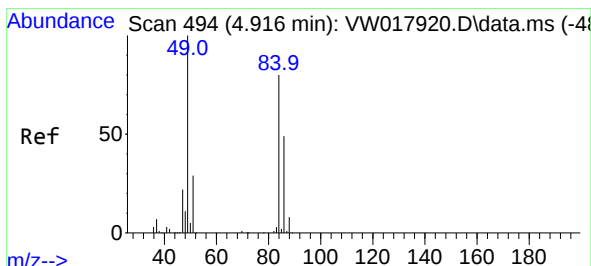
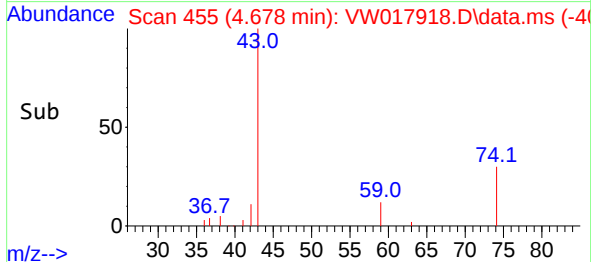
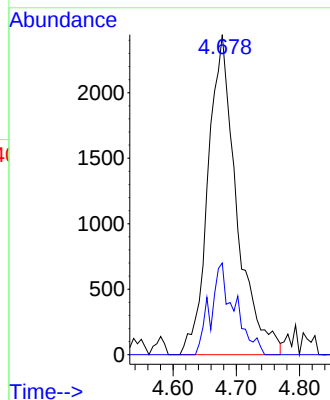
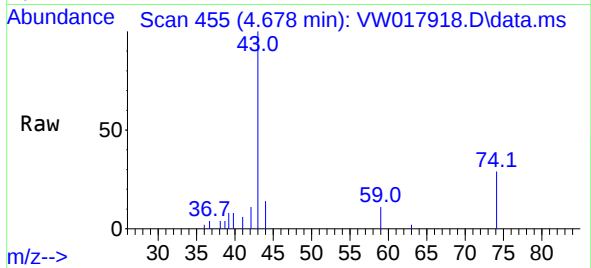




#15
Methyl Acetate
Concen: 3.44 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

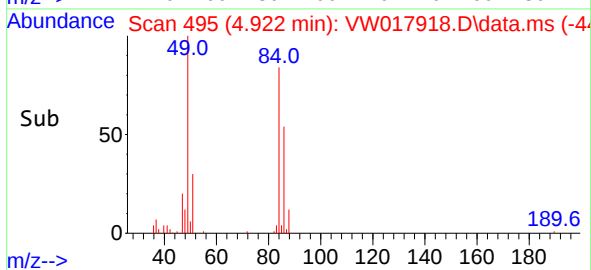
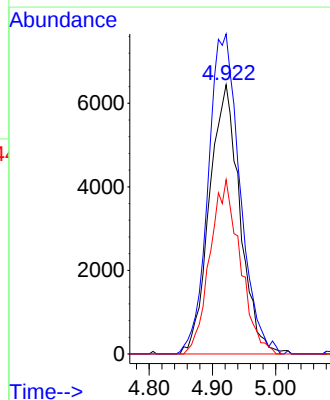
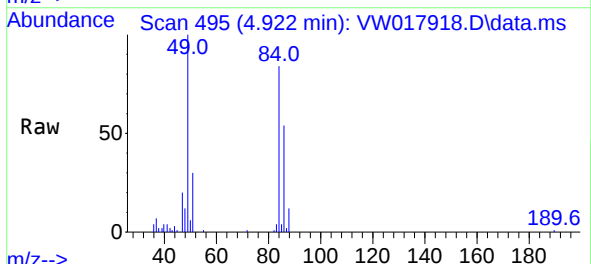
Instrument :
MSVOA_W
ClientSampled :

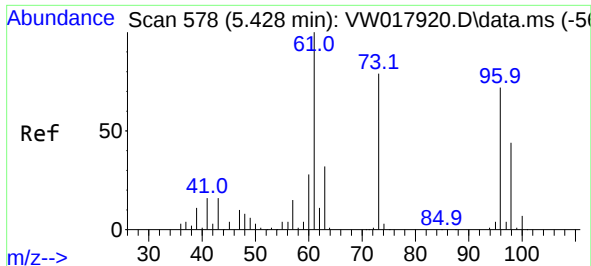
Tgt Ion: 43 Resp: 7686
Ion Ratio Lower Upper
43 100
74 14.0 20.7 31.1#



#16
Methylene chloride
Concen: 3.21 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 84 Resp: 21553
Ion Ratio Lower Upper
84 100
49 118.9 81.2 150.8
86 64.7 44.5 82.7





#17

Methyl tert-butyl Ether

Concen: 2.85 ug/L

RT: 5.428 min Scan# 578

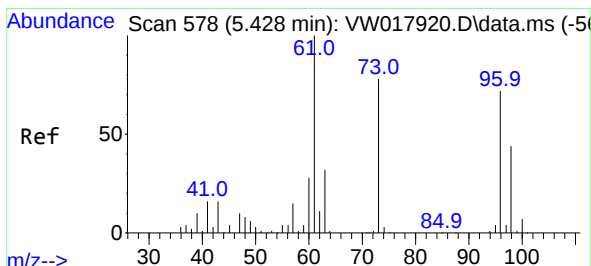
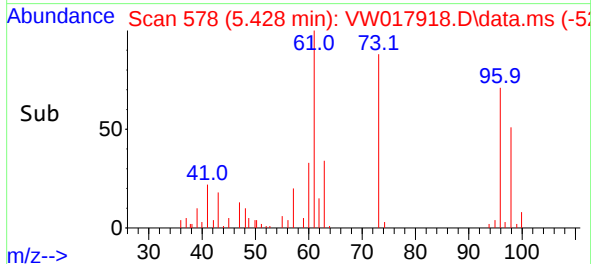
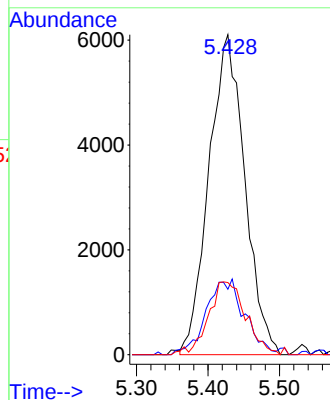
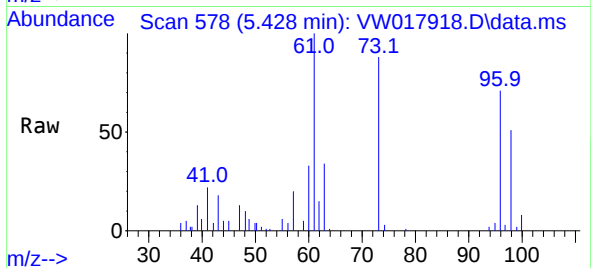
Delta R.T. 0.000 min

Lab File: VW017918.D

Acq: 18 Jan 2021 09:58

Tgt Ion: 73 Resp: 21245

Ion	Ratio	Lower	Upper
73	100		
43	14.9	16.2	24.4#
57	23.2	17.2	25.8



#18

trans-1,2-Dichloroethene

Concen: 1.58 ug/L

RT: 5.422 min Scan# 577

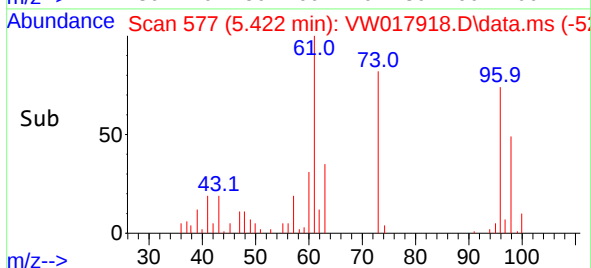
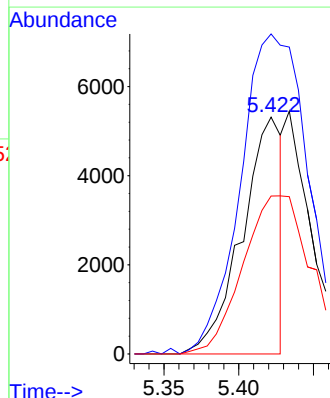
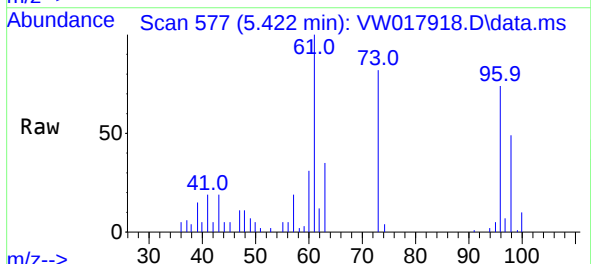
Delta R.T. -0.006 min

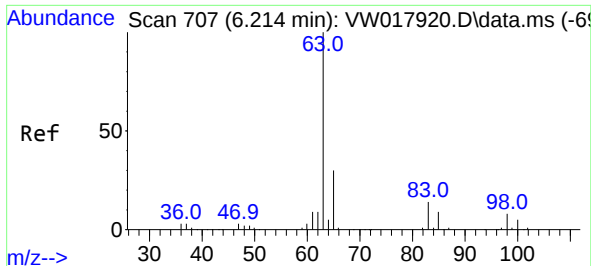
Lab File: VW017918.D

Acq: 18 Jan 2021 09:58

Tgt Ion: 96 Resp: 9849

Ion	Ratio	Lower	Upper
96	100		
61	135.1	92.7	172.1
98	66.7	43.3	80.3

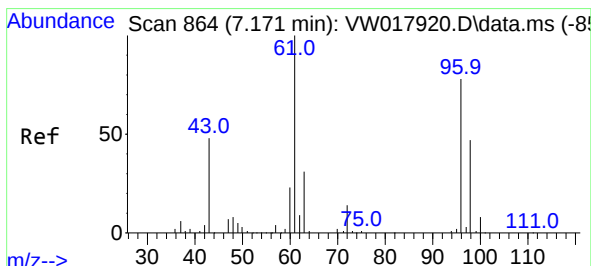
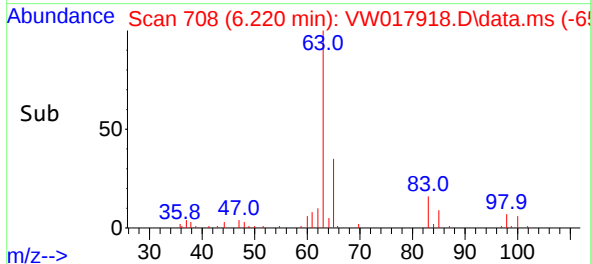
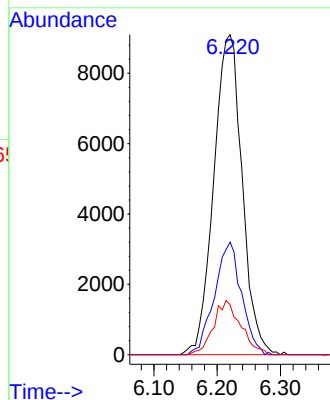
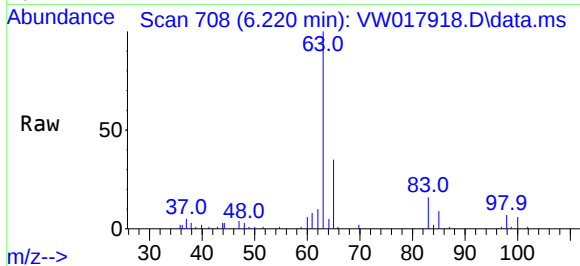




#19
1,1-Dichloroethane
Concen: 2.66 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

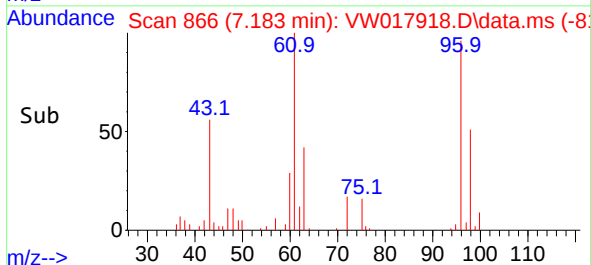
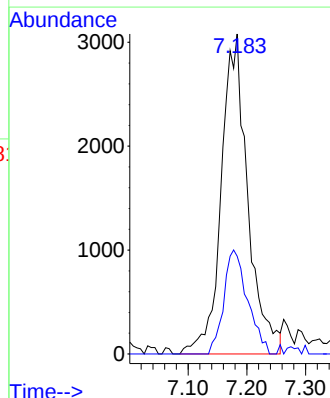
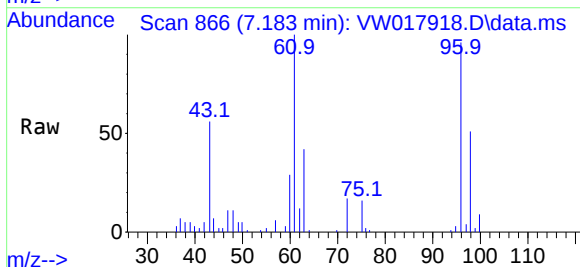
Instrument :
MSVOA_W
ClientSampled :

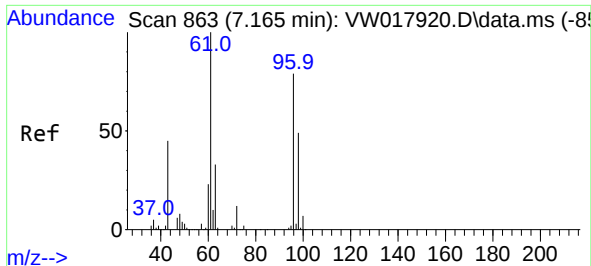
Tgt Ion:	63	Resp:	28335
Ion	Ratio	Lower	Upper
63	100		
65	35.1	21.9	40.7
83	15.6	9.4	17.6



#21
2-Butanone
Concen: 6.28 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

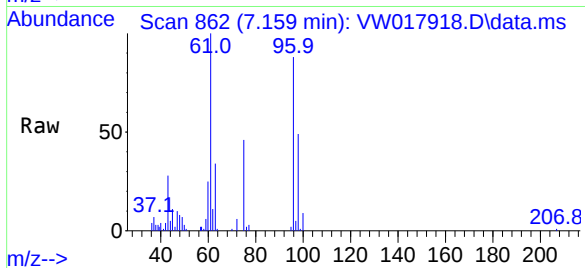
Tgt Ion:	43	Resp:	9667
Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.4	43.2





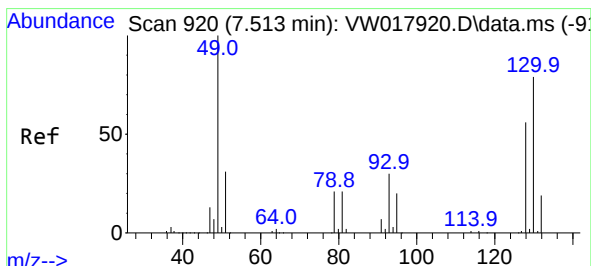
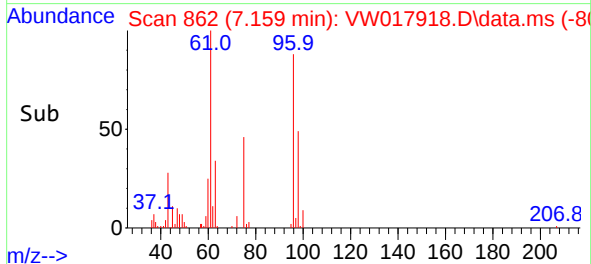
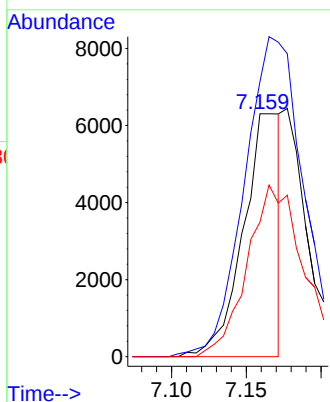
#22
cis-1,2-Dichloroethene
Concen: 1.67 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 96 Resp: 10906

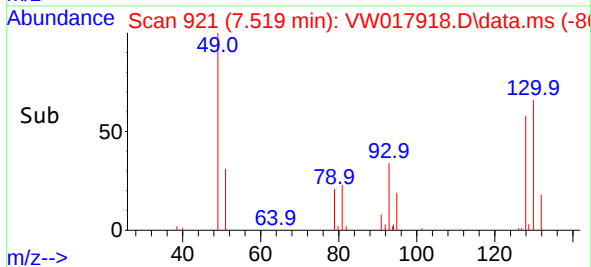
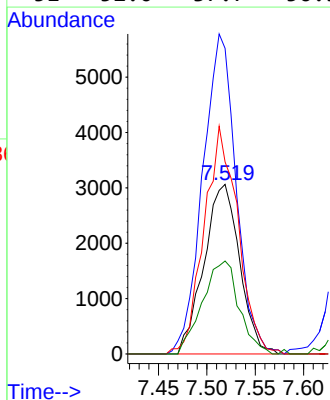
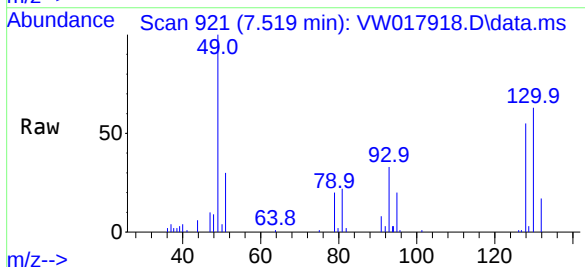
Ion	Ratio	Lower	Upper
96	100		
61	113.2	84.6	157.2
98	55.4	44.7	82.9

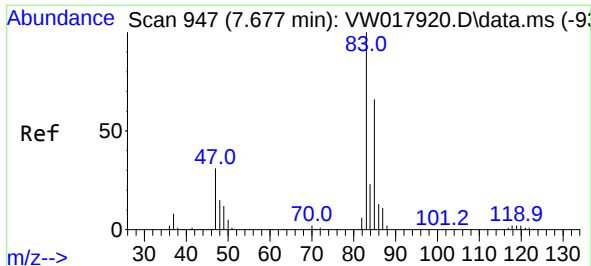


#23
Bromochloromethane
Concen: 2.80 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 128 Resp: 7848

Ion	Ratio	Lower	Upper
128	100		
49	170.7	101.6	188.6
130	107.3	90.4	167.8
51	52.0	37.7	56.5

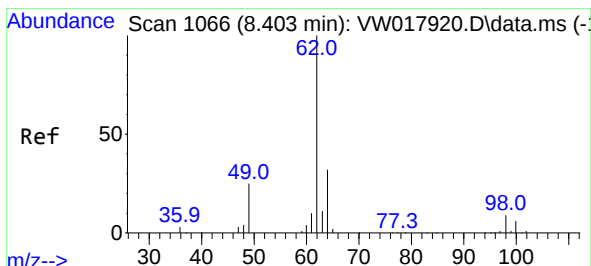
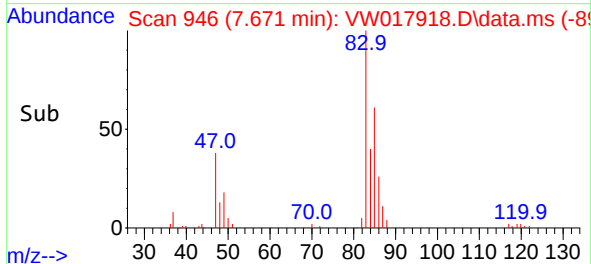
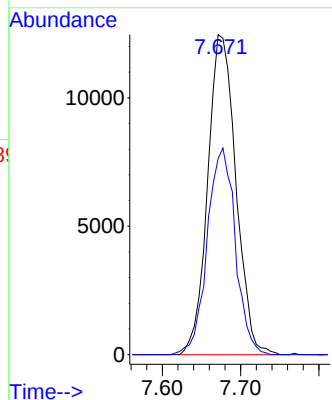
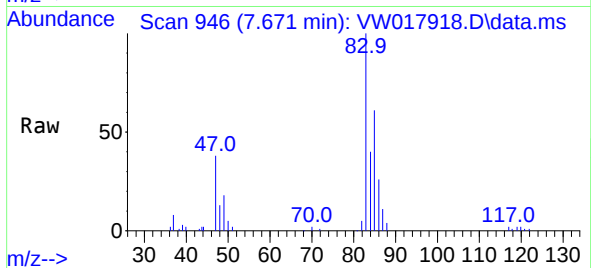




#25
Chloroform
Concen: 2.80 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

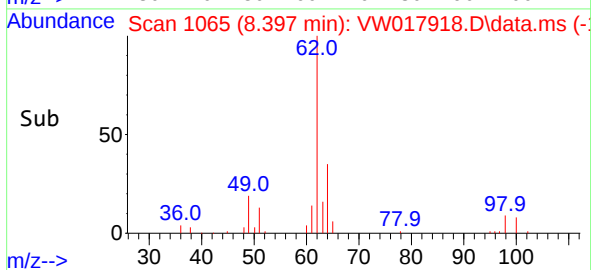
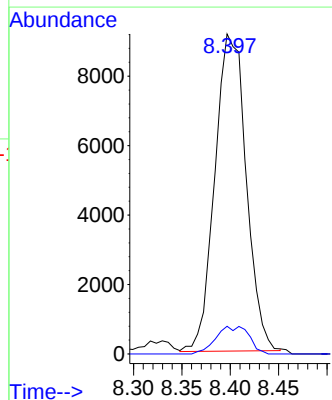
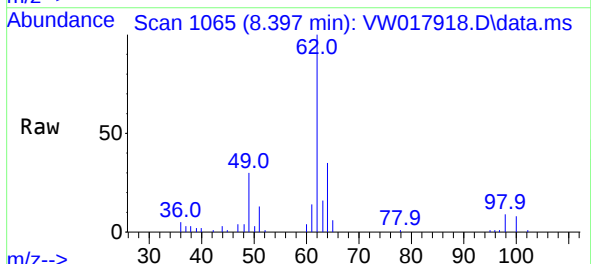
Instrument :
MSVOA_W
ClientSampleId :

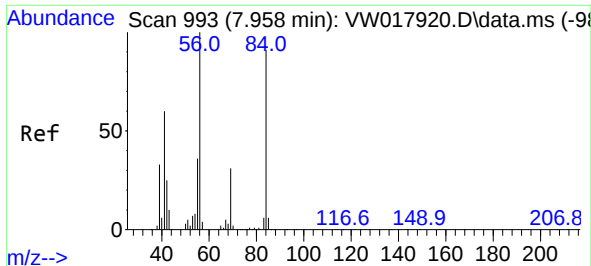
Tgt Ion: 83 Resp: 31206
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 2.79 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

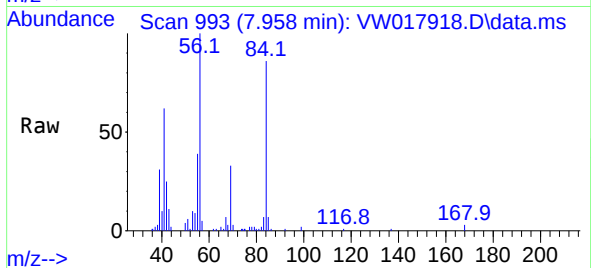
Tgt Ion: 62 Resp: 20598
Ion Ratio Lower Upper
62 100
98 8.7 8.0 12.0



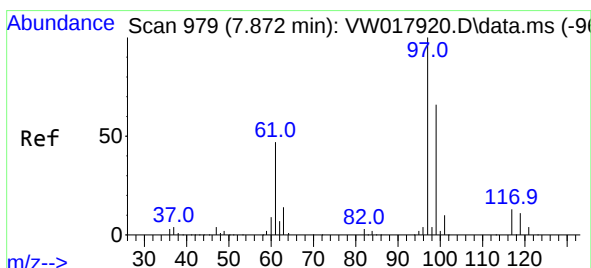
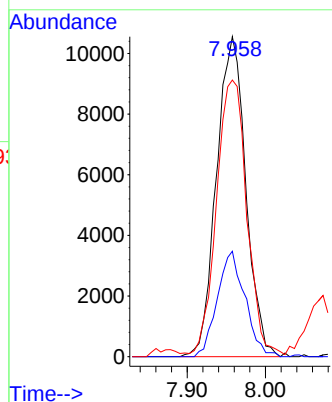
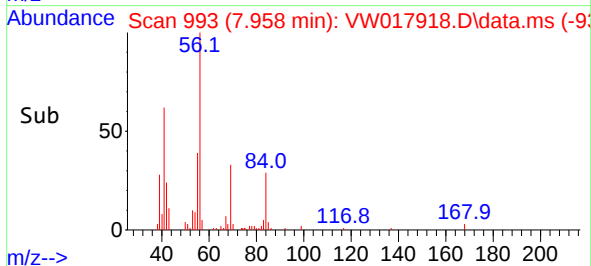


#30
Cyclohexane
Concen: 2.70 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

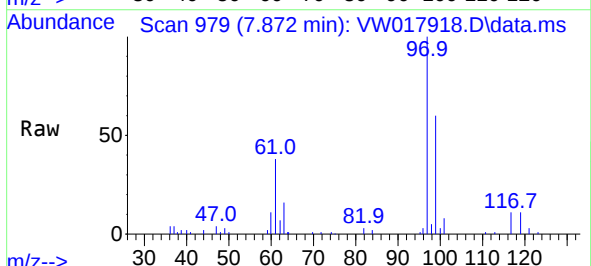
Instrument :
MSVOA_W
ClientSampled :



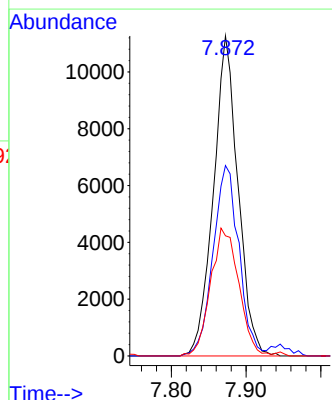
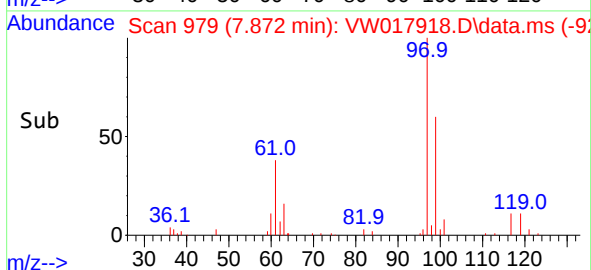
Tgt Ion: 56 Resp: 27452
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 89.9 74.2 111.4

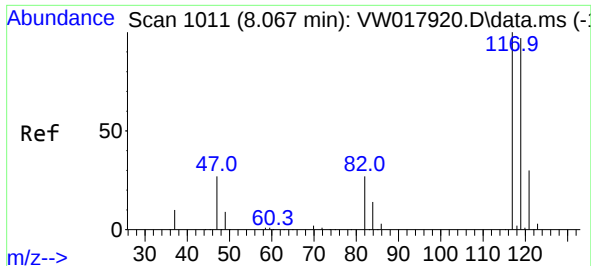


#31
1,1,1-Trichloroethane
Concen: 2.64 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58



Tgt Ion: 97 Resp: 25769
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.4
61 45.7 33.6 50.4

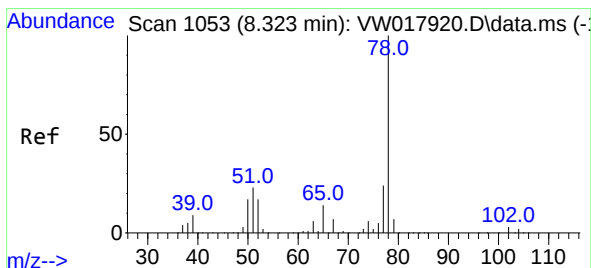
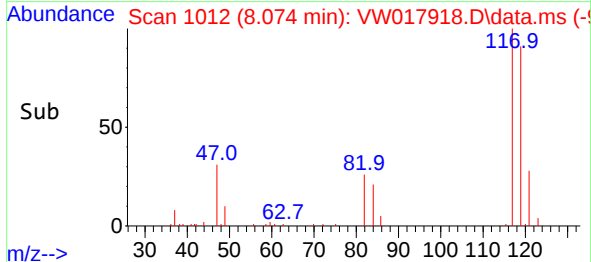
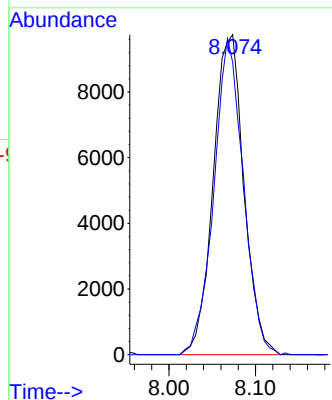
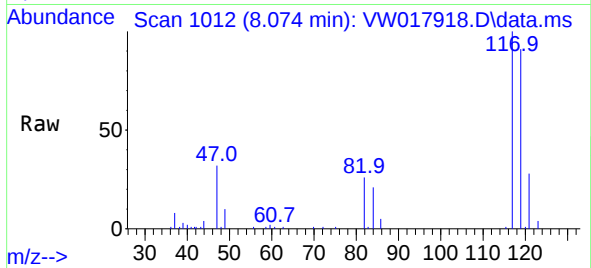




#32
Carbon tetrachloride
Concen: 2.60 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

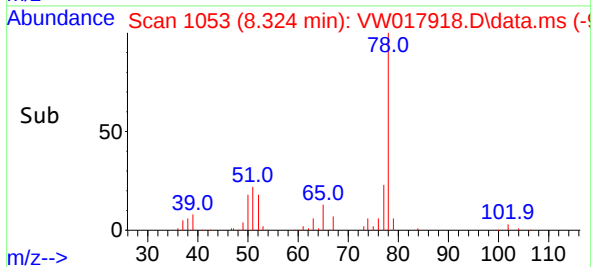
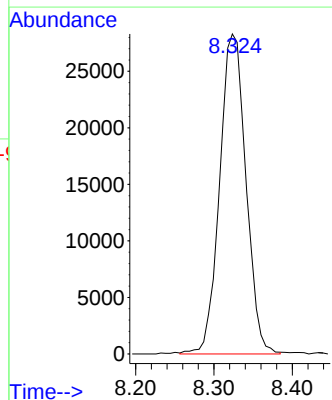
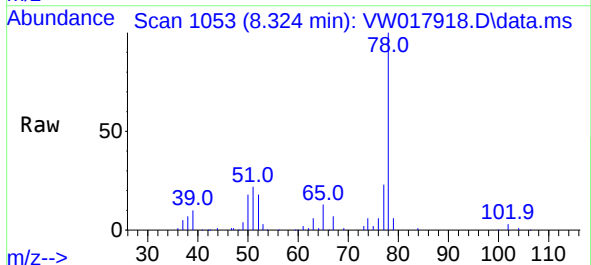
Instrument :
MSVOA_W
ClientSampleId :

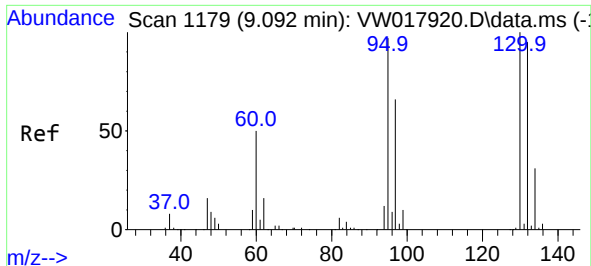
Tgt Ion:117 Resp: 23956
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8



#34
Benzene
Concen: 2.70 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 78 Resp: 65999



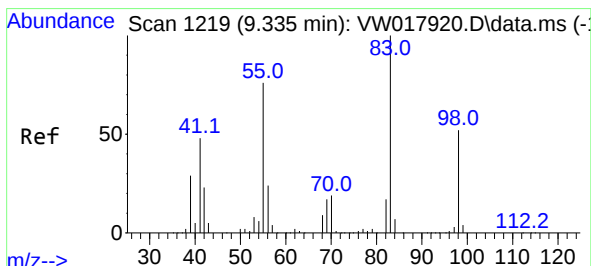
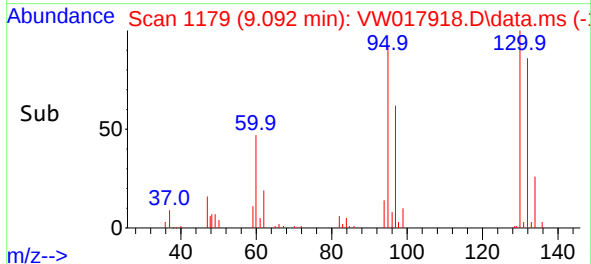
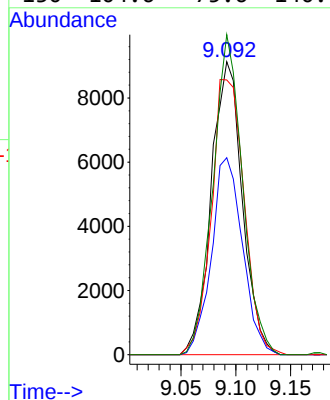
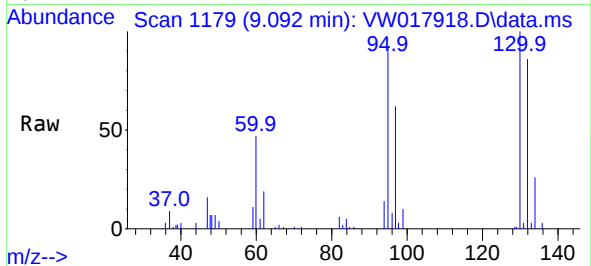


#35
Trichloroethene
Concen: 2.67 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 17963

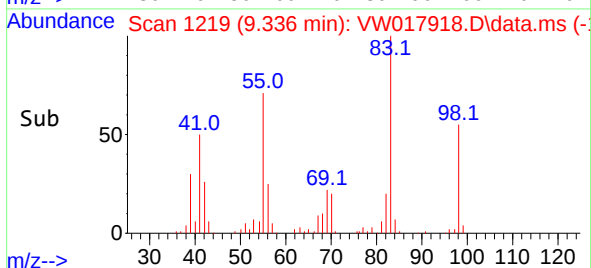
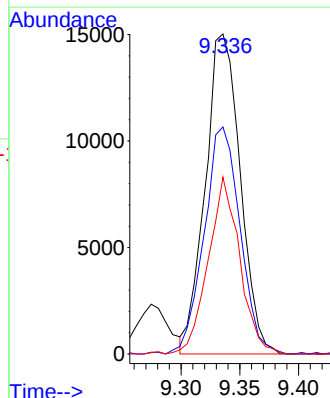
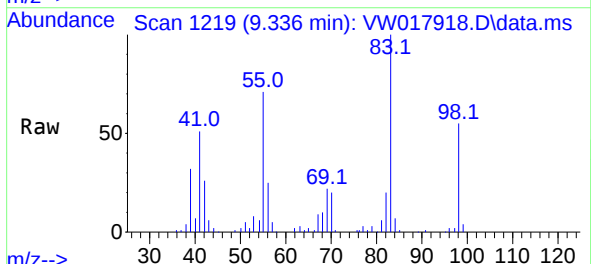
Ion	Ratio	Lower	Upper
95	100		
97	67.4	45.0	83.6
132	99.3	71.0	131.8
130	104.6	75.6	140.4

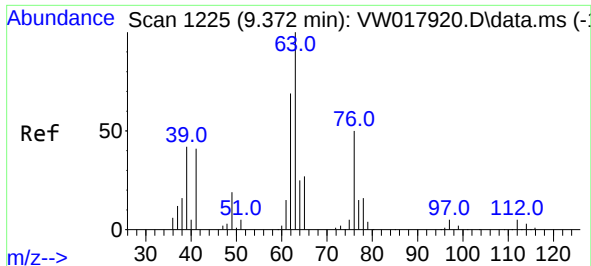


#36
Methylcyclohexane
Concen: 2.65 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 83 Resp: 31186

Ion	Ratio	Lower	Upper
83	100		
55	72.8	59.4	89.0
98	49.7	40.7	61.1

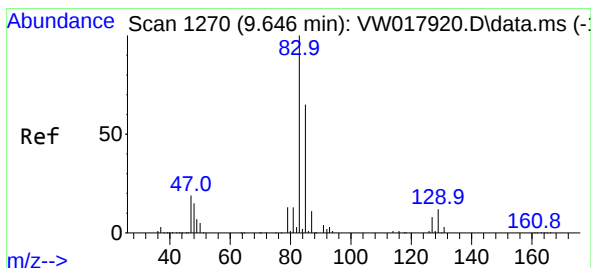
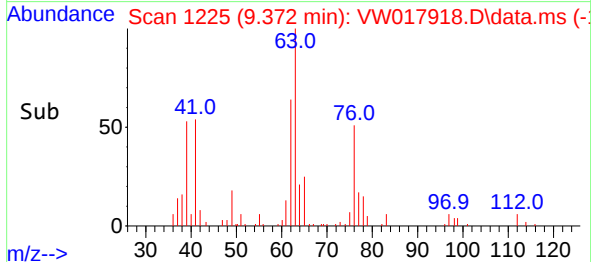
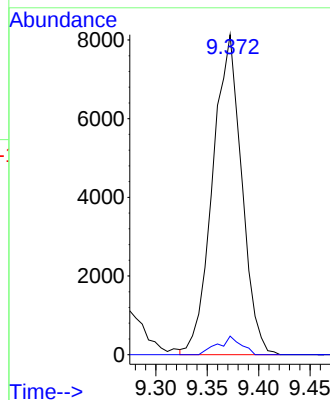
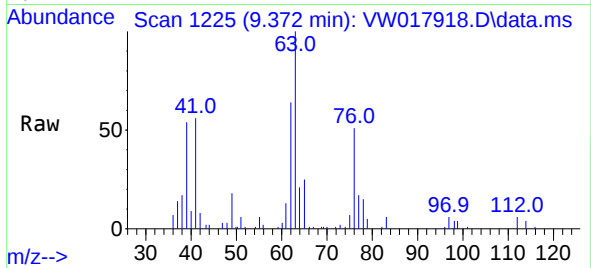




#40
1,2-Dichloropropane
Concen: 2.77 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

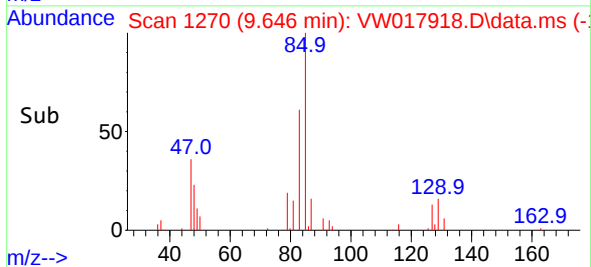
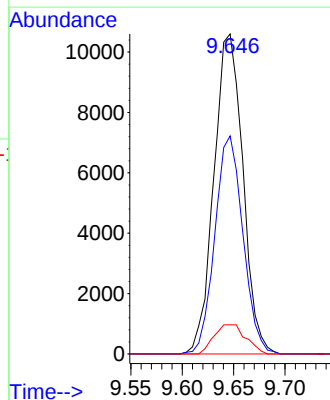
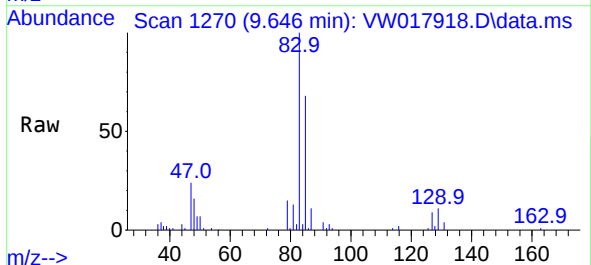
Instrument :
MSVOA_W
ClientSampleId :

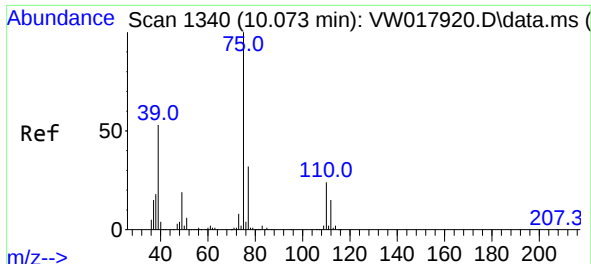
Tgt Ion: 63 Resp: 15978
Ion Ratio Lower Upper
63 100
112 2.7 4.2 6.4#



#41
Bromodichloromethane
Concen: 2.62 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 83 Resp: 20792
Ion Ratio Lower Upper
83 100
85 68.2 46.8 86.8
127 9.1 7.6 11.4

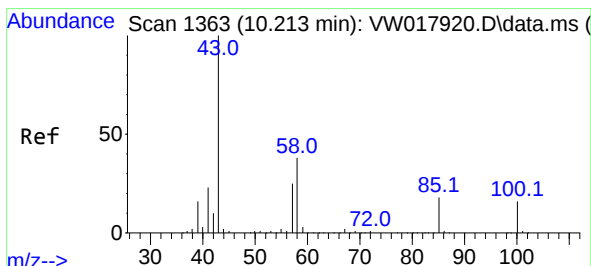
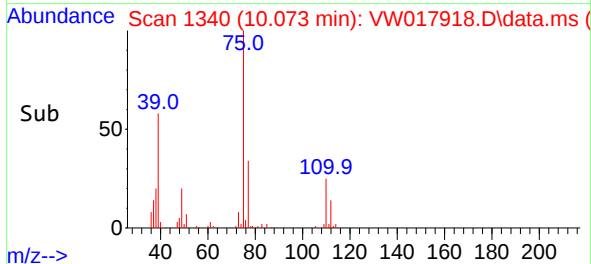
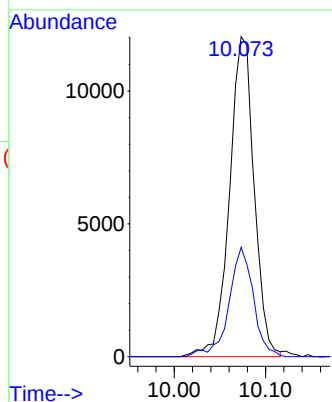
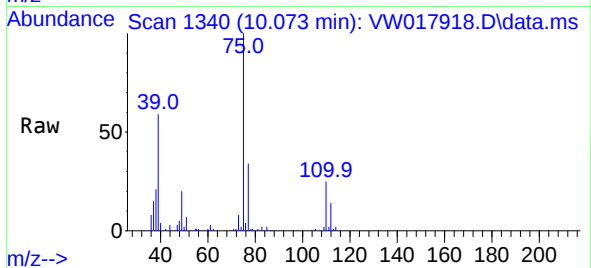




#42
cis-1,3-Dichloropropene
Concen: 2.45 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

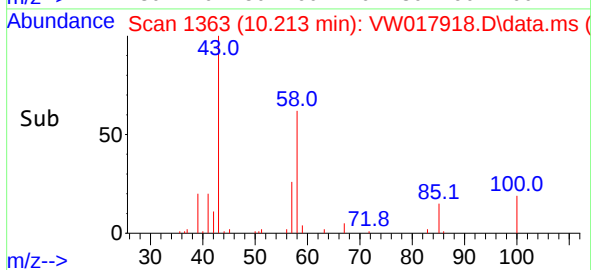
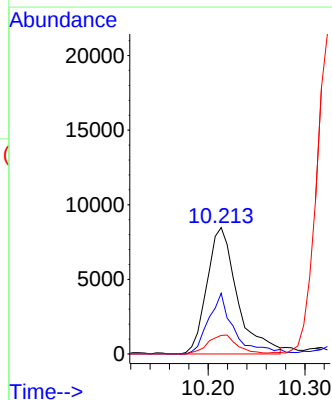
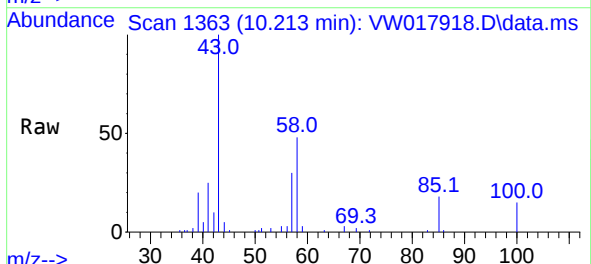
Instrument :
MSVOA_W
ClientSampled :

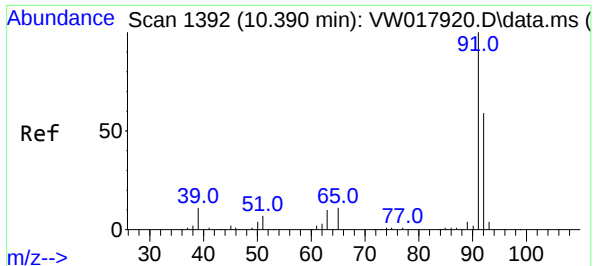
Tgt Ion: 75 Resp: 22586
Ion Ratio Lower Upper
75 100
77 34.1 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 5.83 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
58 40.5 31.6 47.4
100 14.5 14.1 21.1

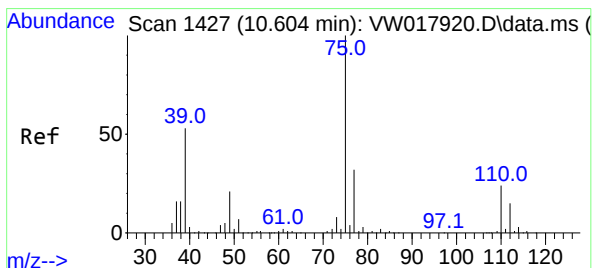
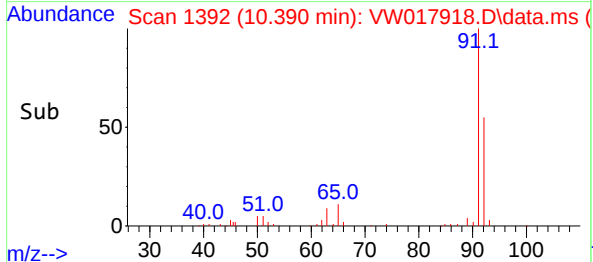
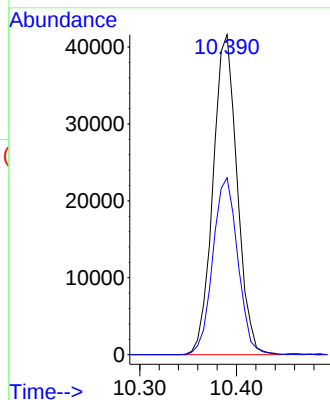
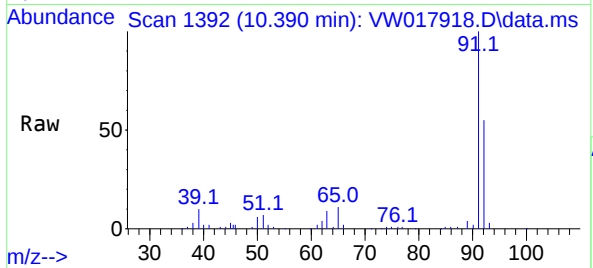




#44
Toluene
Concen: 2.60 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

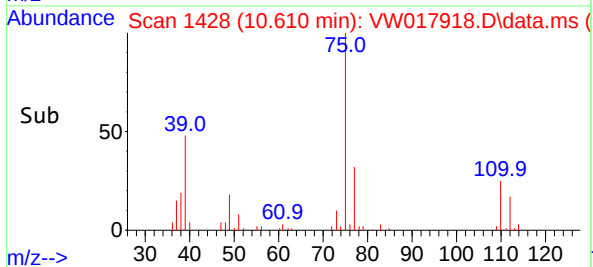
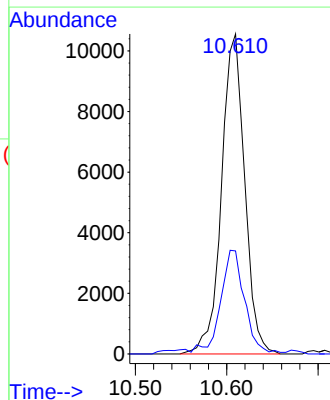
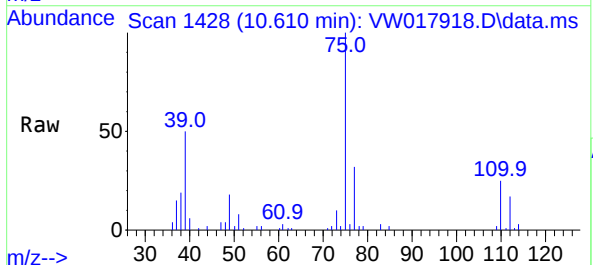
Instrument :
MSVOA_W
ClientSampled :

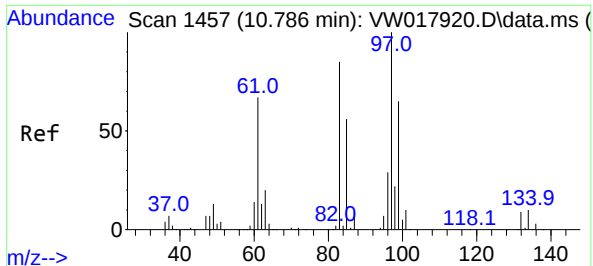
Tgt Ion: 91 Resp: 72063
Ion Ratio Lower Upper
91 100
92 55.3 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 2.34 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 75 Resp: 18621
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



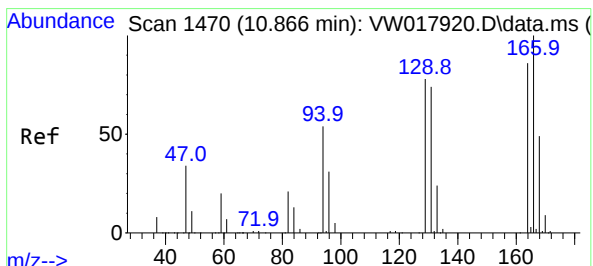
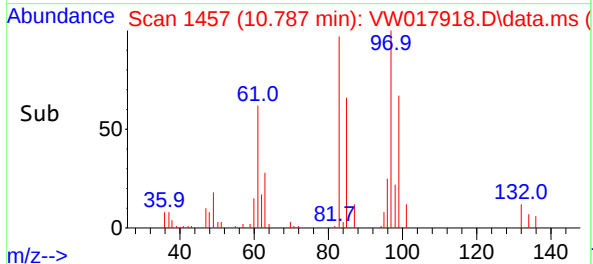
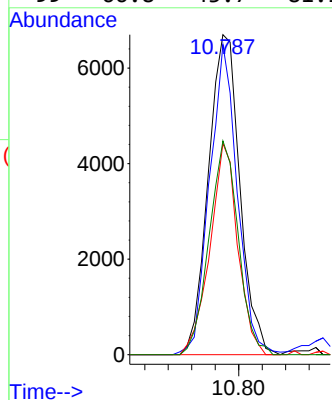
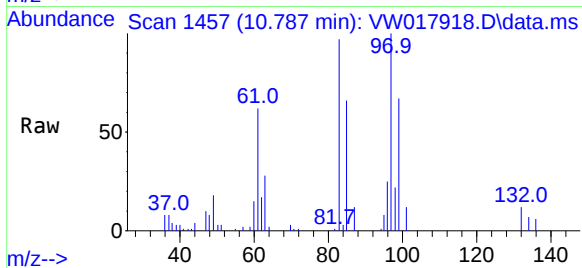


#46
1,1,2-Trichloroethane
Concen: 2.81 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 12471

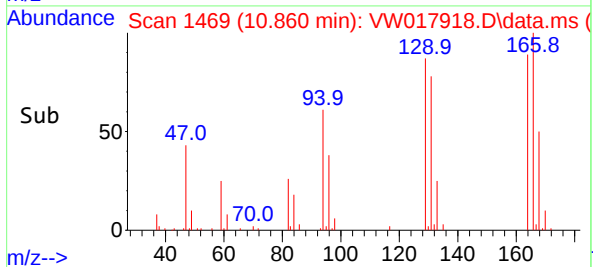
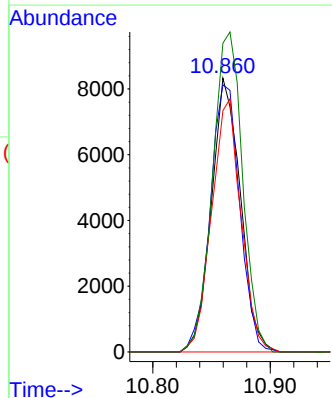
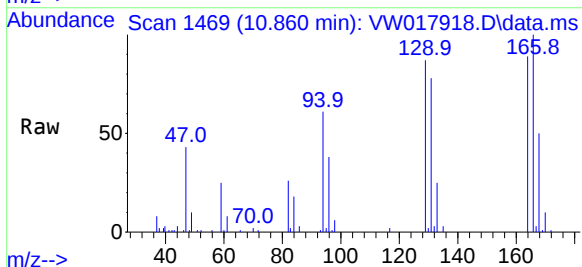
Ion	Ratio	Lower	Upper
97	100		
83	97.0	58.5	108.7
85	66.0	37.8	70.2
99	66.8	43.7	81.1

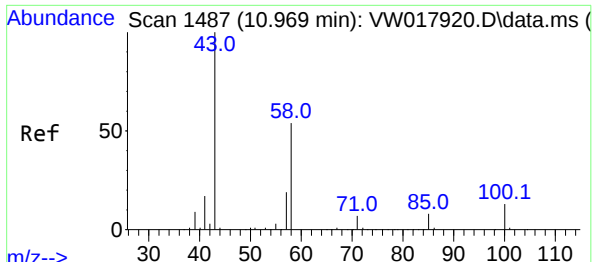


#47
Tetrachloroethene
Concen: 2.70 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:164 Resp: 14276

Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.6	125.6
131	88.1	65.2	121.2
166	112.8	93.2	173.2



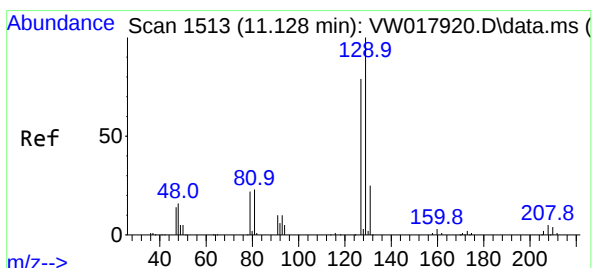
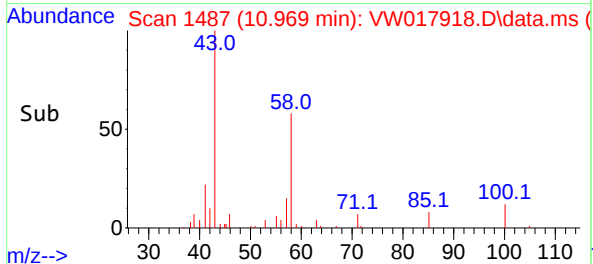
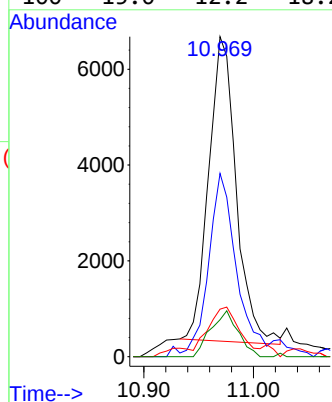
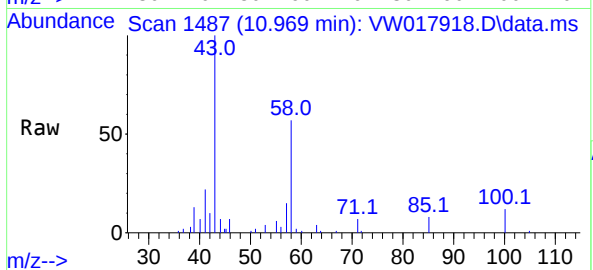


#49
2-Hexanone
Concen: 4.94 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 11061

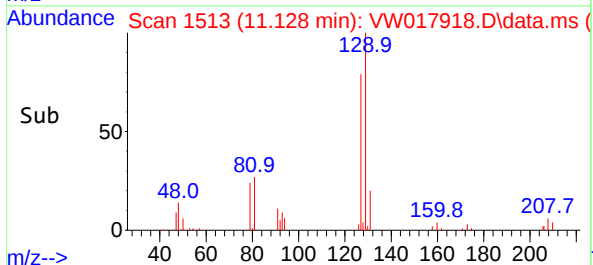
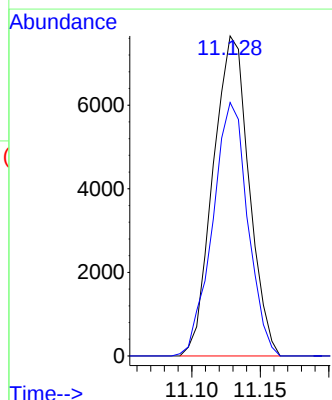
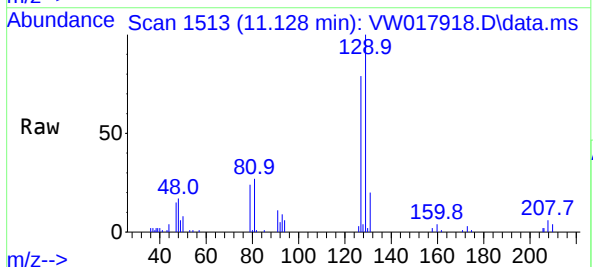
Ion	Ratio	Lower	Upper
43	100		
58	60.8	51.3	76.9
57	18.9	15.0	22.6
100	15.0	12.2	18.2

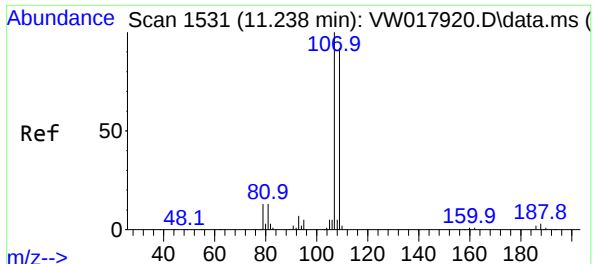


#50
Dibromochloromethane
Concen: 2.68 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 129 Resp: 13954

Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.2	98.8

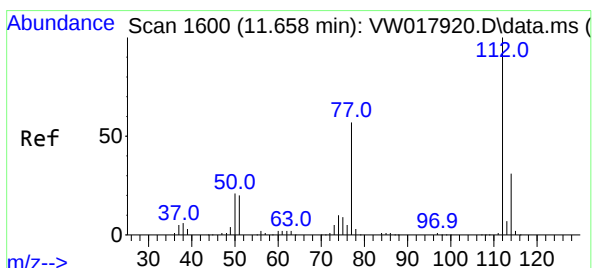
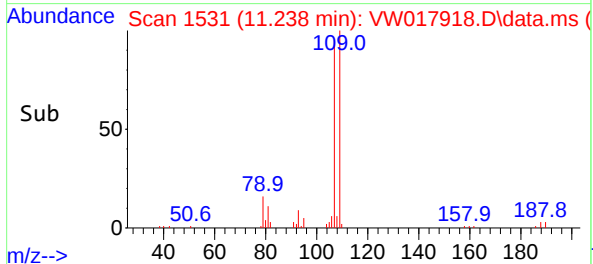
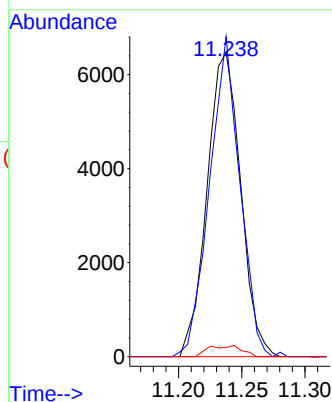
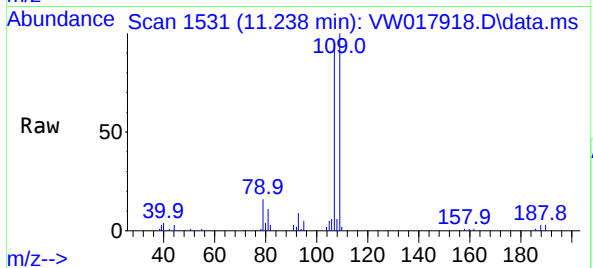




#51
1,2-Dibromoethane
Concen: 2.81 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

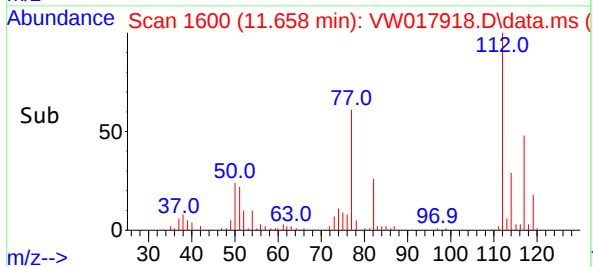
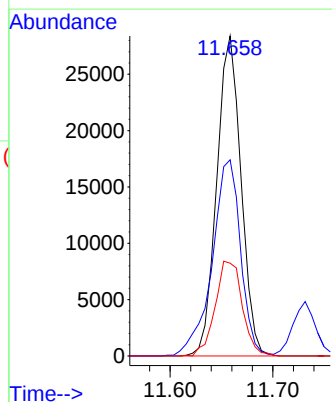
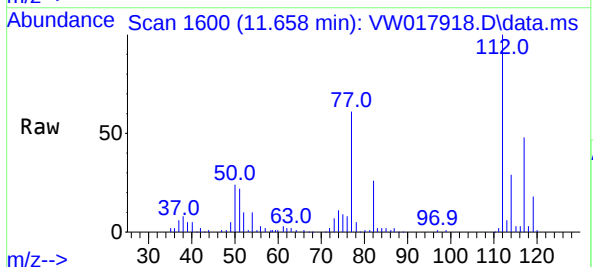
Instrument :
MSVOA_W
ClientSampleId :

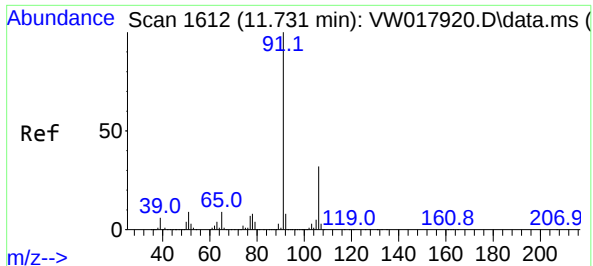
Tgt Ion:107 Resp: 11954
Ion Ratio Lower Upper
107 100
109 105.2 66.4 123.2
188 3.0 4.0 6.0#



#52
Chlorobenzene
Concen: 2.70 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:112 Resp: 46569
Ion Ratio Lower Upper
112 100
77 61.3 42.6 64.0
114 29.0 21.6 40.2

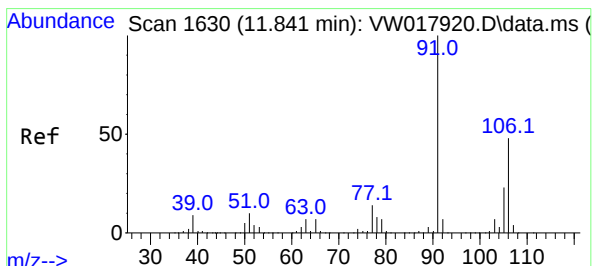
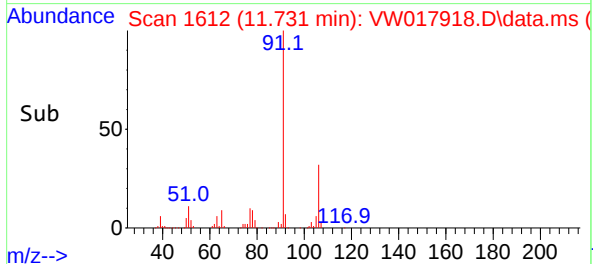
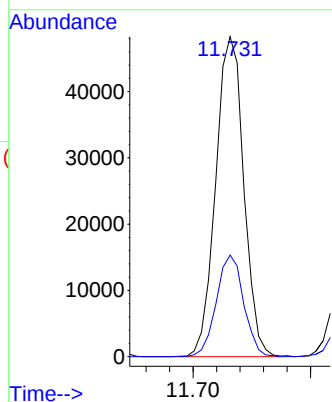
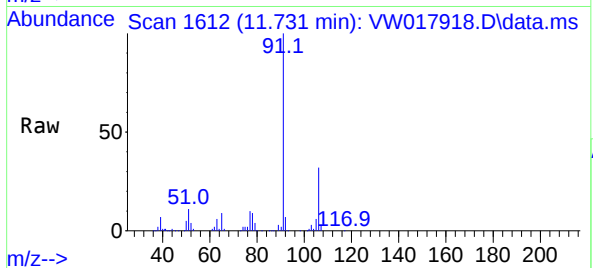




#53
Ethylbenzene
Concen: 2.55 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

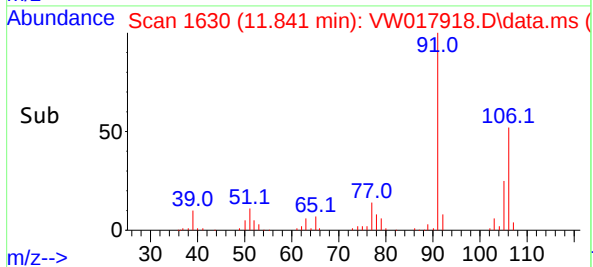
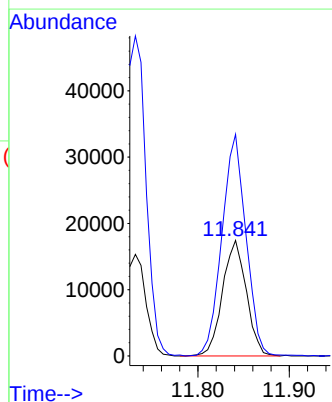
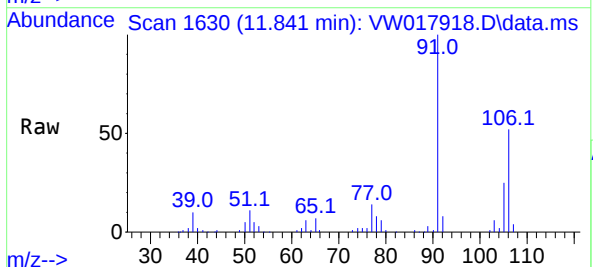
Instrument :
MSVOA_W
ClientSampled :

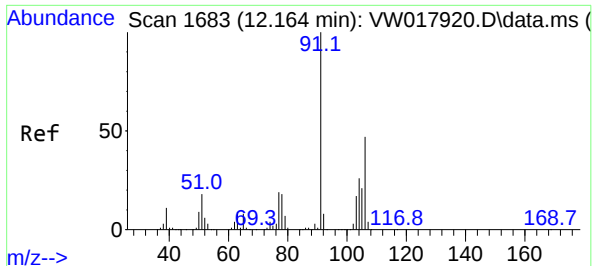
Tgt Ion: 91 Resp: 80020
Ion Ratio Lower Upper
91 100
106 31.7 21.1 39.1



#54
m,p-Xylene
Concen: 2.59 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 106 Resp: 31573
Ion Ratio Lower Upper
106 100
91 191.9 136.4 253.4

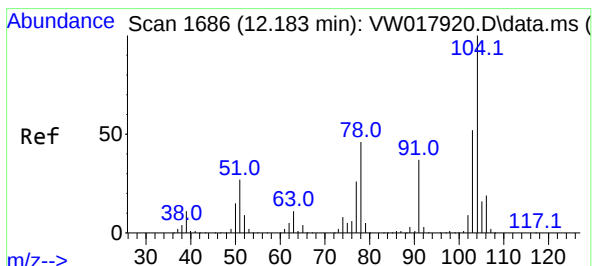
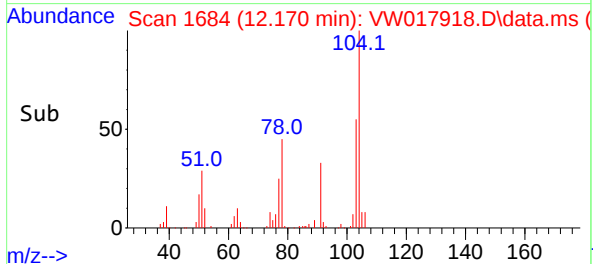
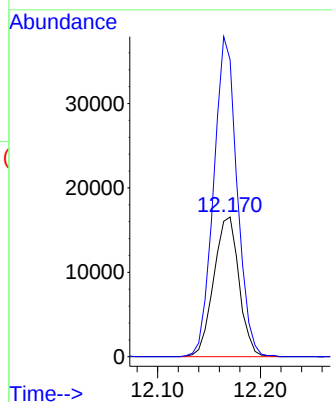
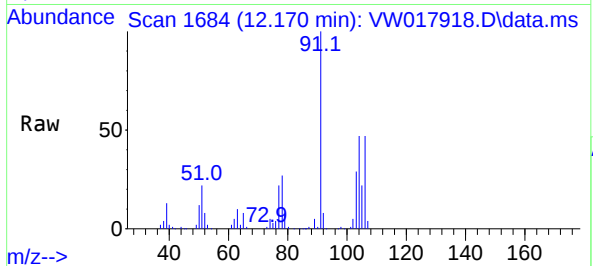




#55
o-xylene
Concen: 2.46 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

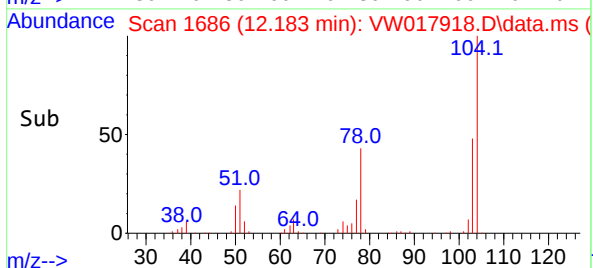
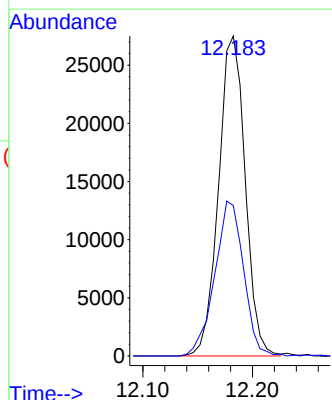
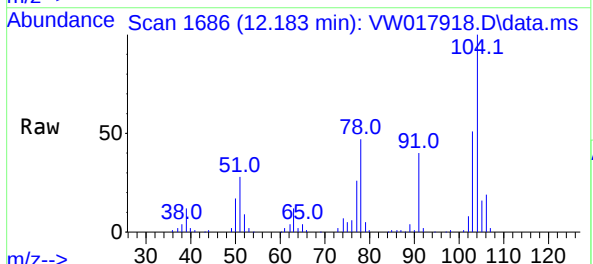
Instrument :
MSVOA_W
ClientSampled :

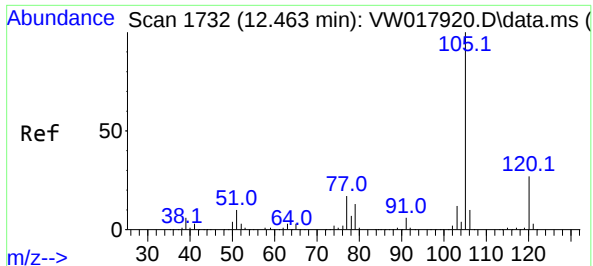
Tgt Ion:106 Resp: 28278
Ion Ratio Lower Upper
106 100
91 212.5 147.6 274.2



#56
Styrene
Concen: 2.42 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:104 Resp: 46432
Ion Ratio Lower Upper
104 100
78 47.0 31.3 58.1

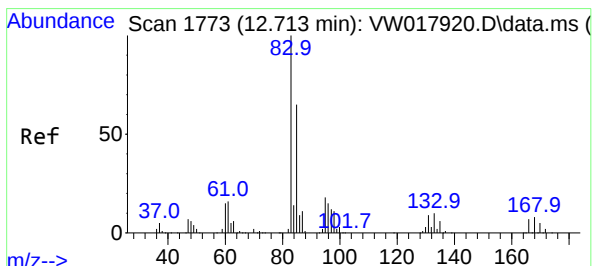
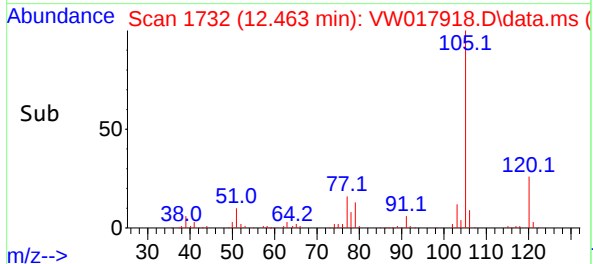
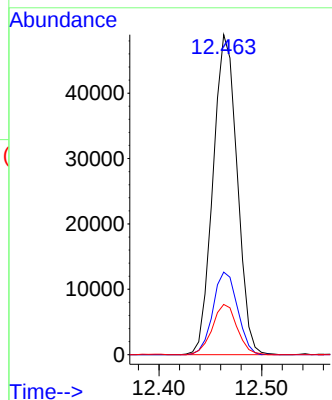
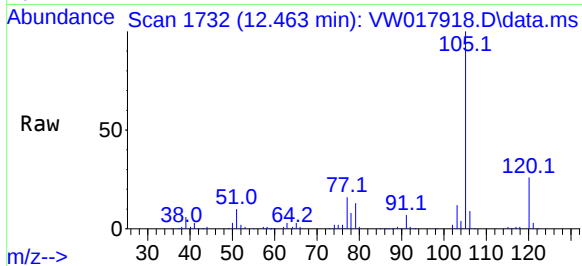




#57
Isopropylbenzene
Concen: 2.52 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

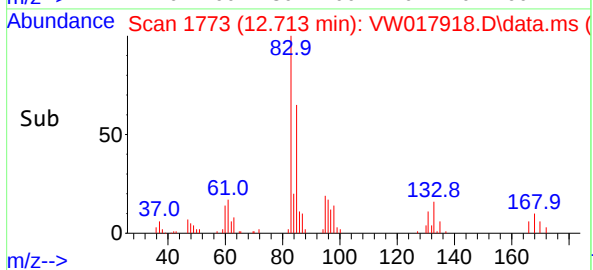
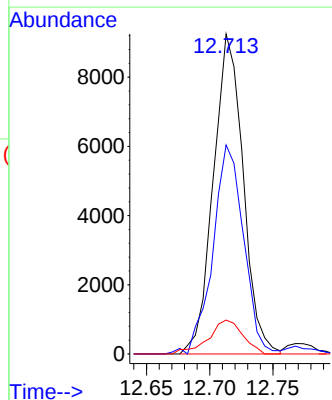
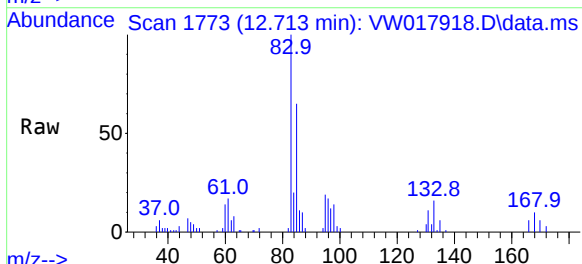
Instrument :
MSVOA_W
ClientSampleId :

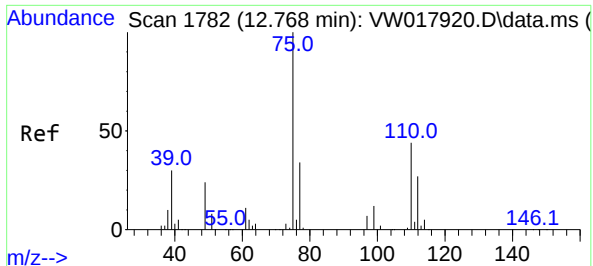
Tgt Ion:105 Resp: 79959
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 16.1 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 2.95 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 83 Resp: 15138
Ion Ratio Lower Upper
83 100
85 65.3 45.3 84.1
131 10.6 8.3 12.5

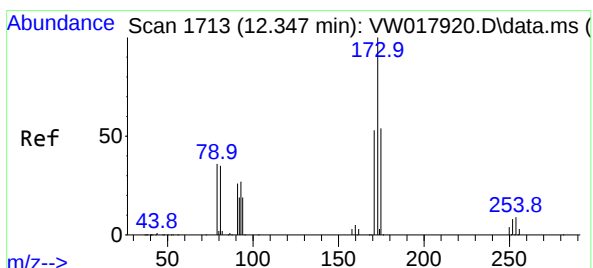
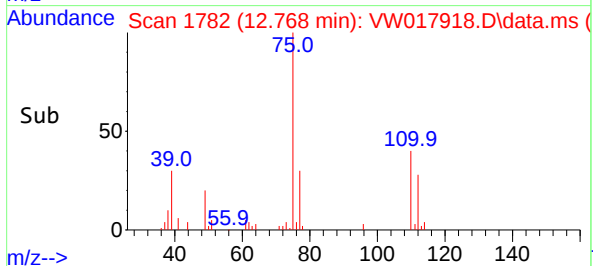
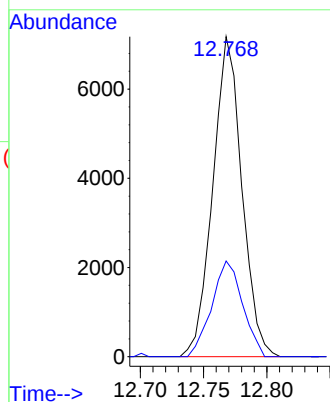
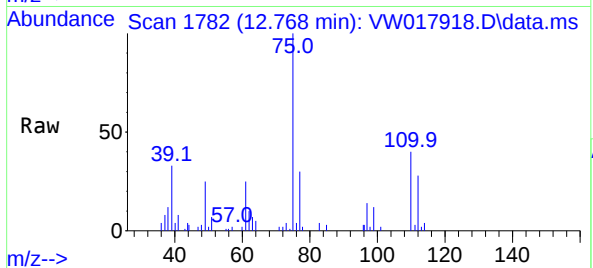




#59
1,2,3-Trichloropropane
Concen: 3.01 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

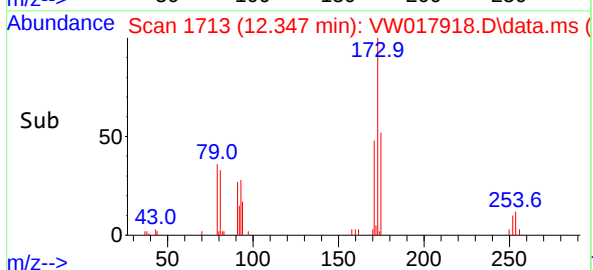
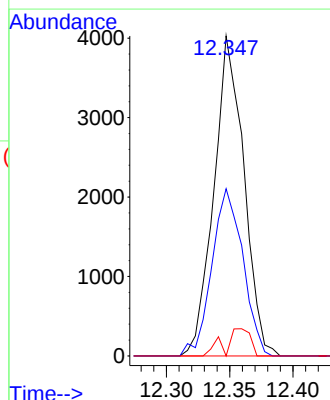
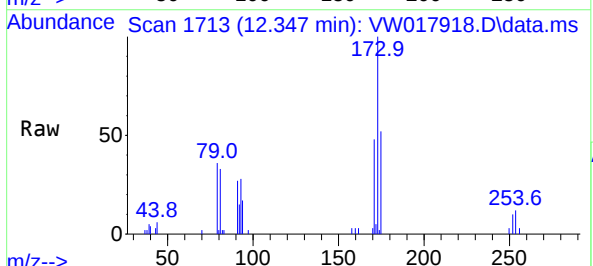
Instrument :
MSVOA_W
ClientSampled :

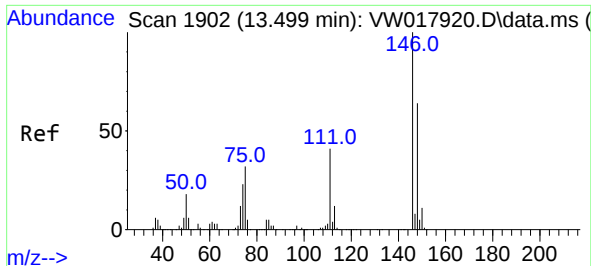
Tgt Ion: 75 Resp: 11451
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8



#62
Bromoform
Concen: 2.44 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:173 Resp: 6642
Ion Ratio Lower Upper
173 100
175 54.0 39.1 58.7
254 1.8 7.1 10.7#

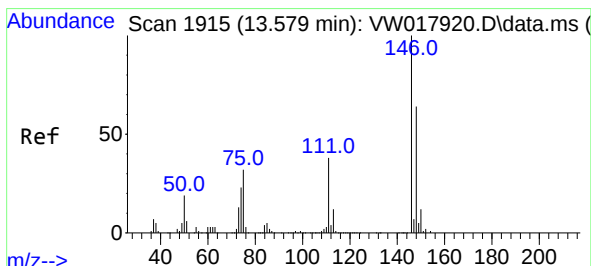
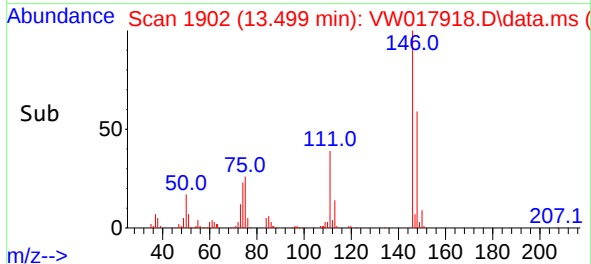
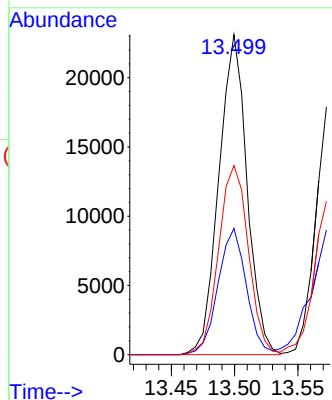
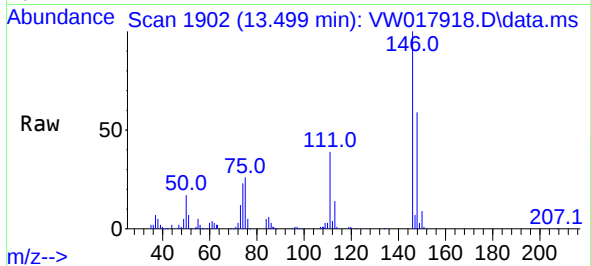




#63
1,3-Dichlorobenzene
Concen: 2.70 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

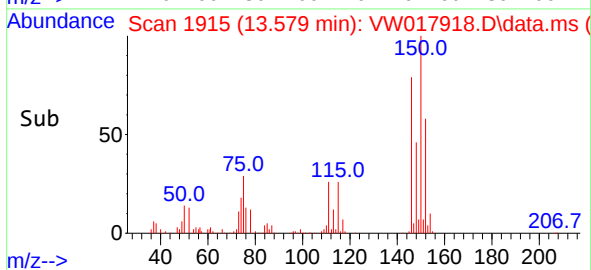
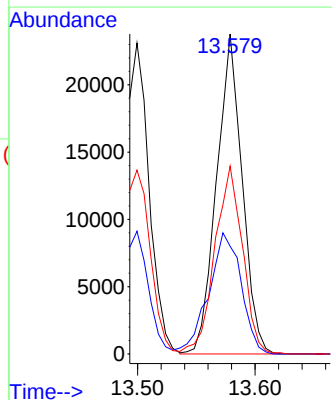
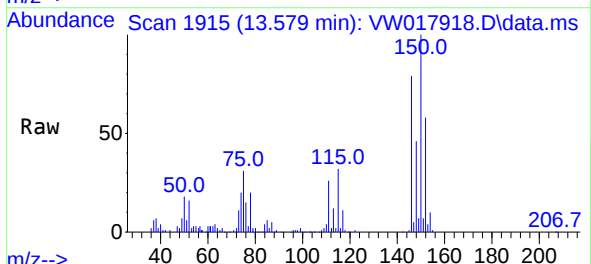
Instrument :
MSVOA_W
ClientSampleId :

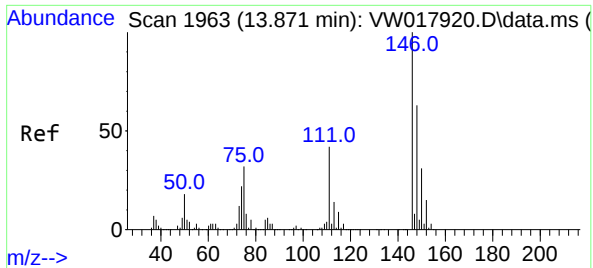
Tgt Ion:	146	Resp:	35844
Ion	Ratio	Lower	Upper
146	100		
111	39.5	28.5	52.9
148	59.1	47.8	88.8



#64
1,4-Dichlorobenzene
Concen: 2.71 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:	146	Resp:	36014
Ion	Ratio	Lower	Upper
146	100		
111	33.6	27.7	51.5
148	58.7	47.0	87.2



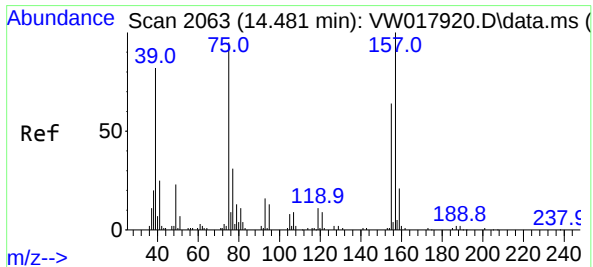
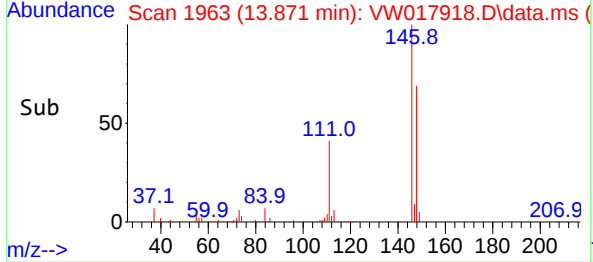
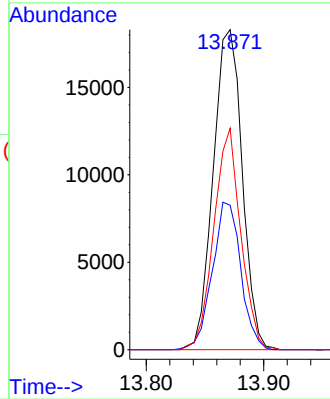
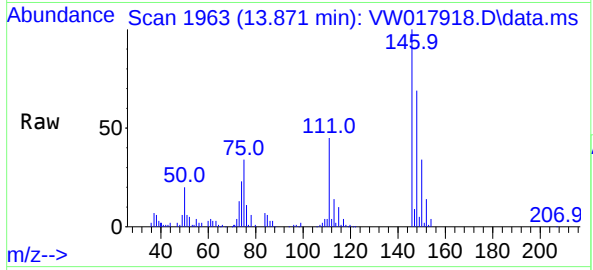


#65
1,2-Dichlorobenzene
Concen: 2.66 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:146 Resp: 31422

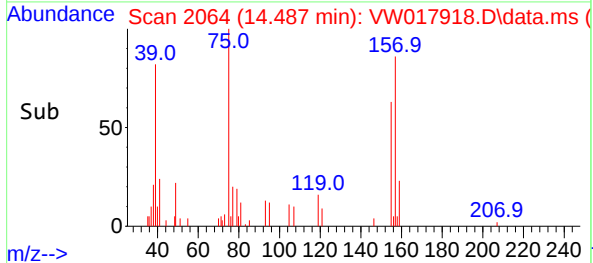
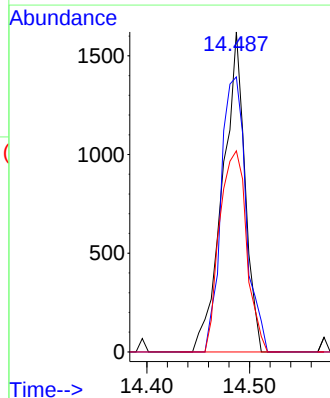
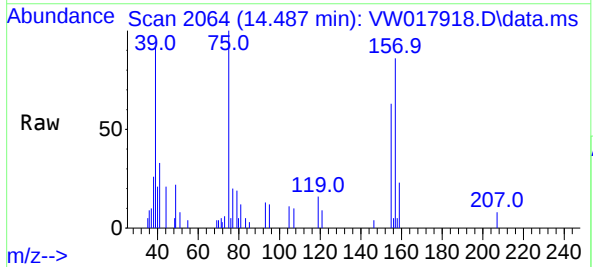
Ion	Ratio	Lower	Upper
146	100		
111	45.1	31.7	47.5
148	69.2	49.3	73.9

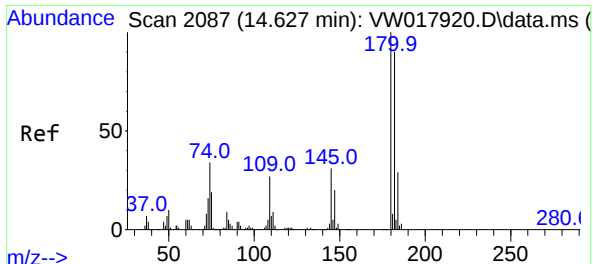


#66
1,2-Dibromo-3-chloropropane
Concen: 2.88 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion: 75 Resp: 2437

Ion	Ratio	Lower	Upper
75	100		
157	85.9	99.9	149.9#
155	62.9	71.4	107.0#

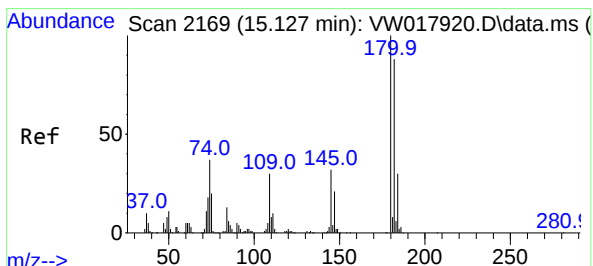
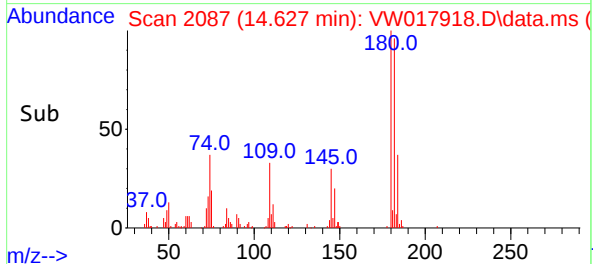
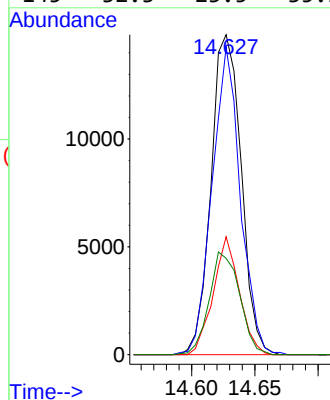
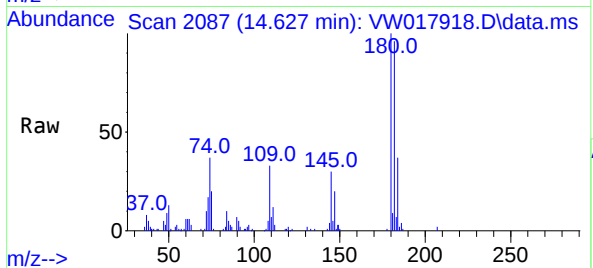




#67
1,3,5-Trichlorobenzene
Concen: 2.69 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

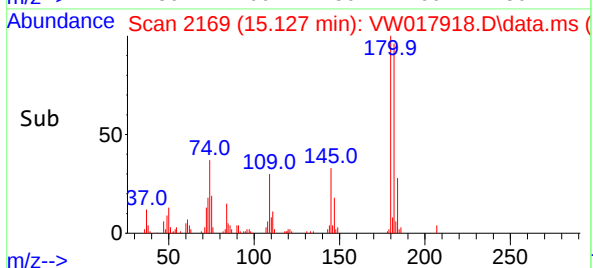
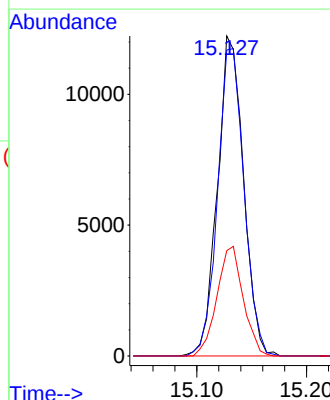
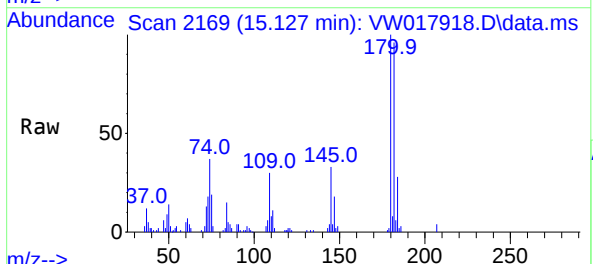
Instrument :
MSVOA_W
ClientSampled :

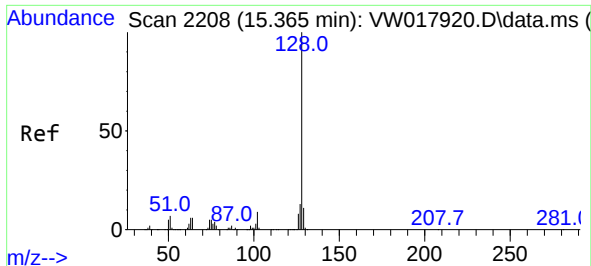
Tgt Ion:	180	Resp:	24587
Ion Ratio	Lower	Upper	
180	100		
182	90.2	77.0	115.6
184	31.9	24.2	36.4
145	32.3	23.5	35.3



#68
1,2,4-trichlorobenzene
Concen: 2.68 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:	180	Resp:	20223
Ion Ratio	Lower	Upper	
180	100		
182	97.3	71.3	106.9
145	34.5	24.0	36.0

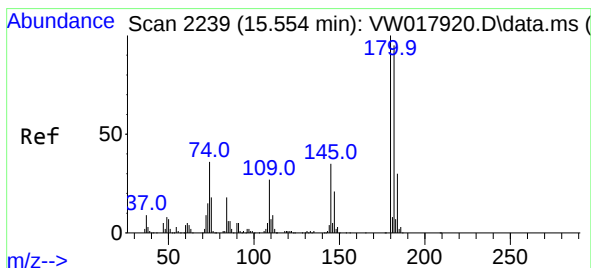
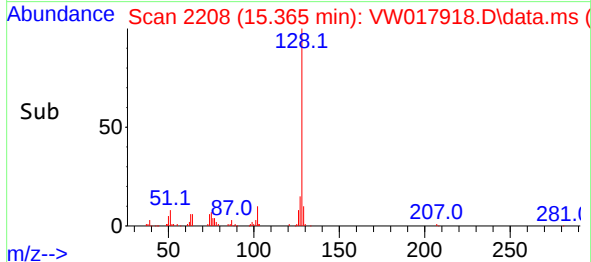
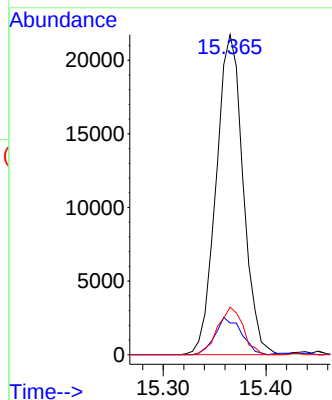
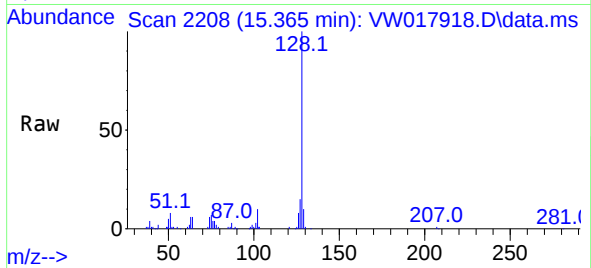




#69
Naphthalene
Concen: 2.60 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 39553
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 14.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 2.75 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW017918.D
Acq: 18 Jan 2021 09:58

Tgt Ion:180 Resp: 17895
Ion Ratio Lower Upper
180 100
182 95.4 74.7 112.1
145 34.8 25.4 38.0

