

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
 Data File : VW017999.D
 Acq On : 29 Jan 2021 14:08
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 15:53:30 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	378662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	346339	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	182398	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12379	2.56	ug/L	0.00
7) Chloroethane-d5	2.885	69	10205	2.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	24464	2.57	ug/L	-0.01
20) 2-Butanone-d5	7.073	46	6495	5.31	ug/L	0.00
24) Chloroform-d	7.646	84	25453	2.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	14253	2.71	ug/L	0.00
29) Benzene-d6	8.274	84	51186	2.67	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	14163	2.61	ug/L	0.00
37) Toluene-d8	10.323	98	48463	2.67	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	5699	2.46	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	4902	5.32	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	11816	2.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	17275	2.71	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12501	2.27	ug/L	90
3) Chloromethane	2.214	50	8706	1.74	ug/L	99
5) Vinyl chloride	2.361	62	12415	2.25	ug/L	97
6) Bromomethane	2.781	94	9187	2.00	ug/L	98
8) Chloroethane	2.928	64	7617	1.95	ug/L	99
9) Trichlorofluoromethane	3.263	101	9191	2.30	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	13622	2.54	ug/L #	52
12) 1,1-Dichloroethene	4.037	96	11974	2.43	ug/L #	79
13) Acetone	4.117	43	6544	6.60	ug/L	97
14) Carbon disulfide	4.385	76	33997	2.39	ug/L #	94
15) Methyl Acetate	4.671	43	5237	2.58	ug/L #	75
16) Methylene chloride	4.921	84	21013	3.33	ug/L	96
17) Methyl tert-butyl Ether	5.415	73	7141	1.33	ug/L #	74
18) trans-1,2-Dichloroethene	5.427	96	13374	2.46	ug/L	91
19) 1,1-Dichloroethane	6.208	63	21921	2.41	ug/L	97
21) 2-Butanone	7.171	43	7594	5.88	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	13944	2.51	ug/L	98
23) Bromochloromethane	7.512	128	6659	2.63	ug/L	92
25) Chloroform	7.677	83	23623	2.42	ug/L	97
27) 1,2-Dichloroethane	8.402	62	15802	2.52	ug/L	98
30) Cyclohexane	7.957	56	19408	2.32	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	19313	2.49	ug/L	99
32) Carbon tetrachloride	8.067	117	17560	2.34	ug/L	94
34) Benzene	8.323	78	51712	2.50	ug/L	100
35) Trichloroethene	9.091	95	14486	2.50	ug/L	98
36) Methylcyclohexane	9.335	83	24210	2.45	ug/L	97
40) 1,2-Dichloropropane	9.372	63	11841	2.38	ug/L	99
41) Bromodichloromethane	9.646	83	16294	2.45	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	17087	2.31	ug/L	100
43) 4-Methyl-2-pentanone	10.213	43	14429	4.97	ug/L	97
44) Toluene	10.390	91	56503	2.48	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	14793	2.30	ug/L	99

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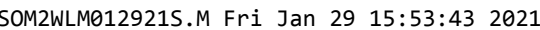
Quant Time: Jan 29 15:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 29 15:52:52 2021
 Response via : Initial Calibration

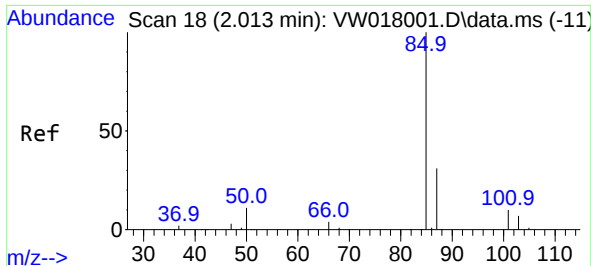
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 1,1,2-Trichloroethane	10.786	97	10199	2.70	ug/L	94
47) Tetrachloroethene	10.859	164	12985	2.77	ug/L	90
49) 2-Hexanone	10.969	43	9422	4.64	ug/L #	93
50) Dibromochloromethane	11.127	129	11235	2.51	ug/L	97
51) 1,2-Dibromoethane	11.237	107	9787	2.64	ug/L	93
52) Chlorobenzene	11.658	112	37974	2.57	ug/L	99
53) Ethylbenzene	11.731	91	63021	2.43	ug/L	94
54) m,p-Xylene	11.841	106	24412	2.44	ug/L	96
55) o-xylene	12.164	106	22369	2.41	ug/L	92
56) Styrene	12.182	104	37621	2.39	ug/L	98
57) Isopropylbenzene	12.463	105	62010	2.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	12010	2.67	ug/L	99
59) 1,2,3-Trichloropropane	12.767	75	9115	2.75	ug/L	98
62) Bromoform	12.347	173	6540	2.65	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	29551	2.51	ug/L	97
64) 1,4-Dichlorobenzene	13.578	146	29829	2.53	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	26895	2.57	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.480	75	1917	2.58	ug/L	83
67) 1,3,5-Trichlorobenzene	14.627	180	22602	2.65	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	19051	2.70	ug/L	96
69) Naphthalene	15.364	128	34499	2.51	ug/L	100
70) 1,2,3-Trichlorobenzene	15.553	180	16717	2.73	ug/L	97

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

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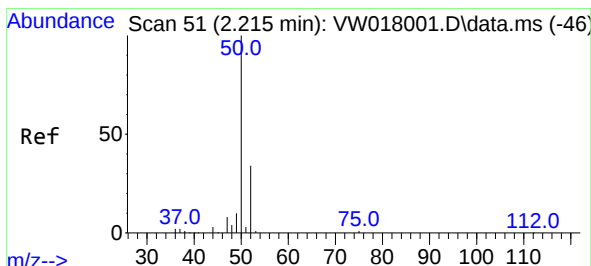
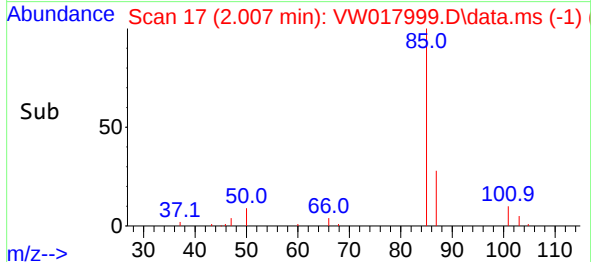
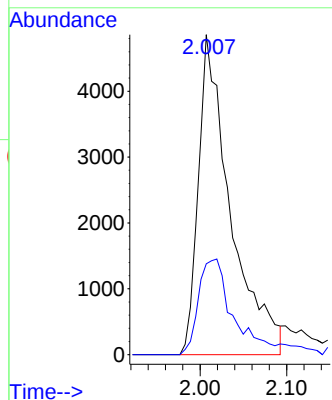
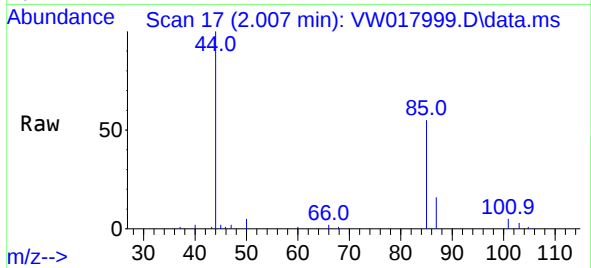




#2
Dichlorodifluoromethane
Concen: 2.27 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

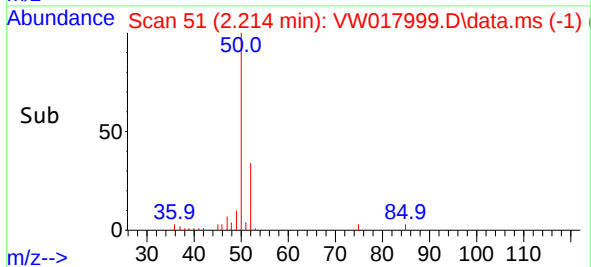
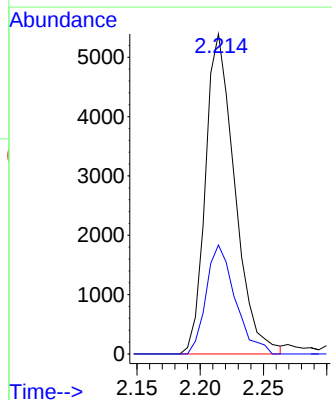
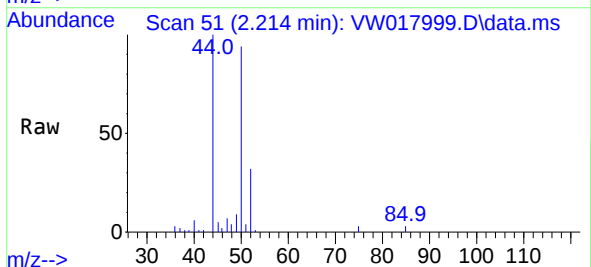
Instrument :
MSVOA_W
ClientSampled :

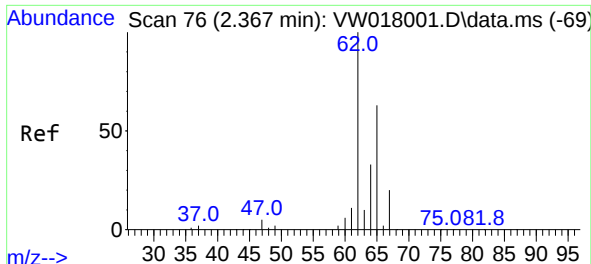
Tgt Ion: 85 Resp: 12501
Ion Ratio Lower Upper
85 100
87 27.7 23.2 43.0



#3
Chloromethane
Concen: 1.74 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 50 Resp: 8706
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.6

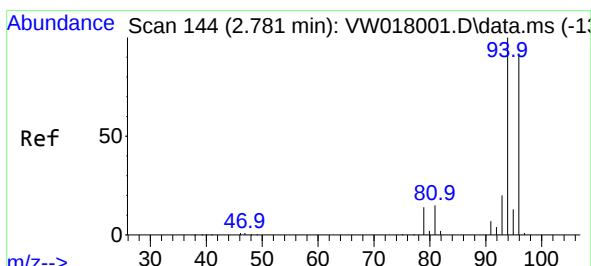
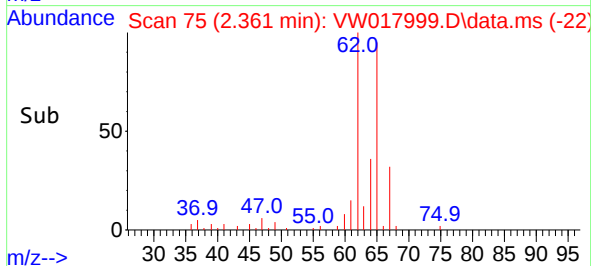
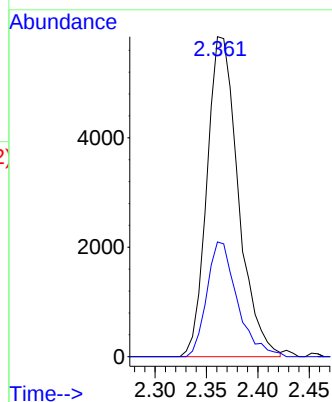
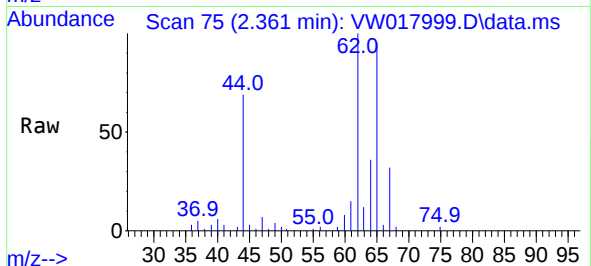




#5
Vinyl chloride
Concen: 2.25 ug/L
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

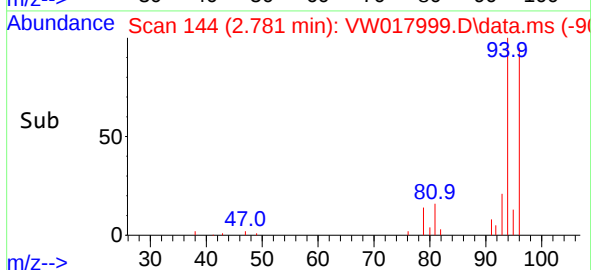
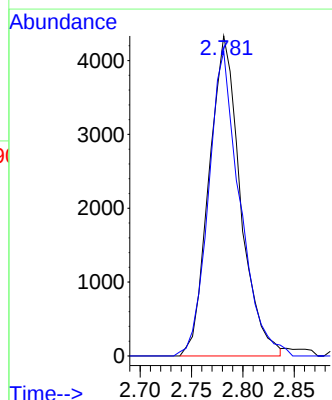
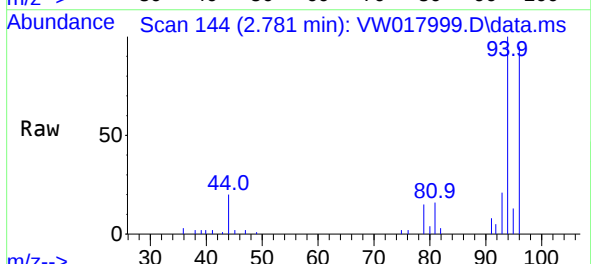
Instrument :
MSVOA_W
ClientSampled :

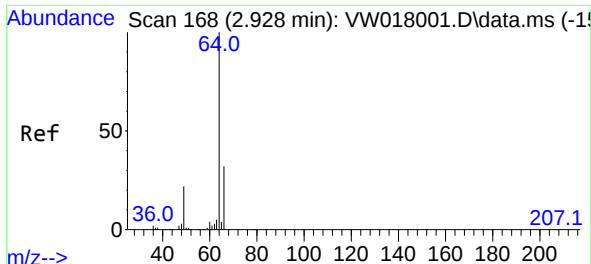
Tgt Ion: 62 Resp: 12415
Ion Ratio Lower Upper
62 100
64 35.9 23.9 44.5



#6
Bromomethane
Concen: 2.00 ug/L
RT: 2.781 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 94 Resp: 9187
Ion Ratio Lower Upper
94 100
96 95.6 9.4 178.0

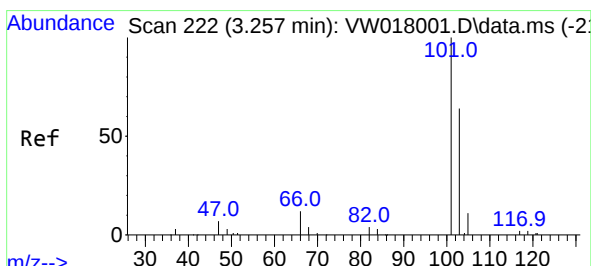
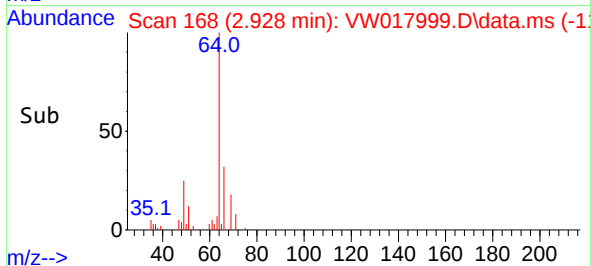
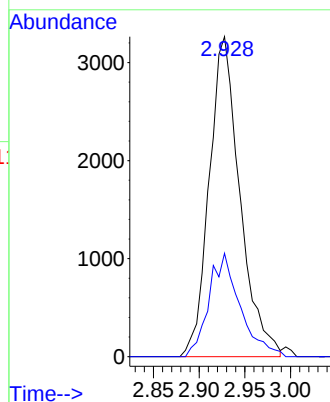
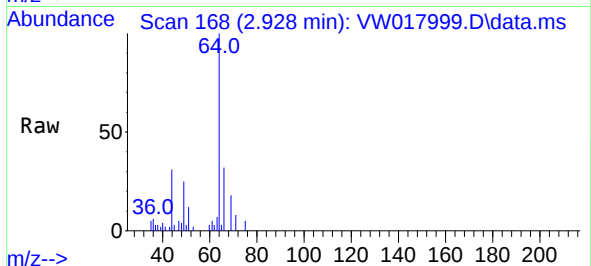




#8
Chloroethane
Concen: 1.95 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

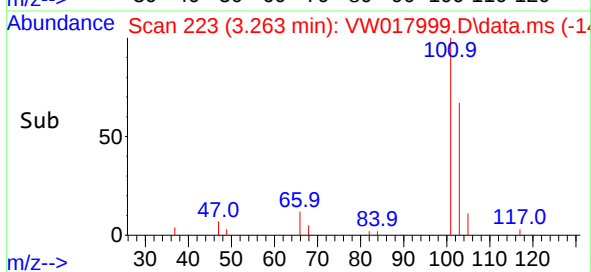
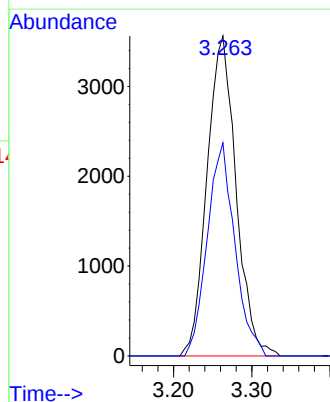
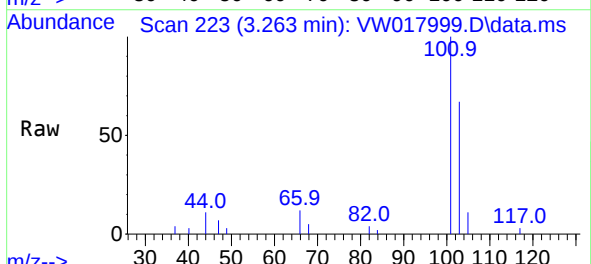
Instrument :
MSVOA_W
ClientSampleId :

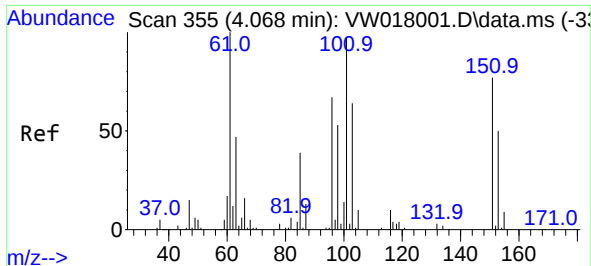
Tgt Ion: 64 Resp: 7617
Ion Ratio Lower Upper
64 100
66 32.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.30 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 101 Resp: 9191
Ion Ratio Lower Upper
101 100
103 63.1 45.0 83.6





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.54 ug/L

RT: 4.068 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW017999.D

Acq: 29 Jan 2021 14:08

Tgt Ion:101 Resp: 13622

Ion Ratio Lower Upper

101 100

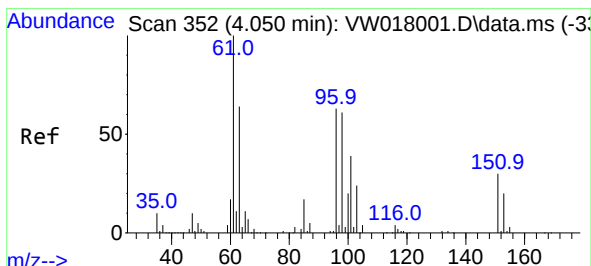
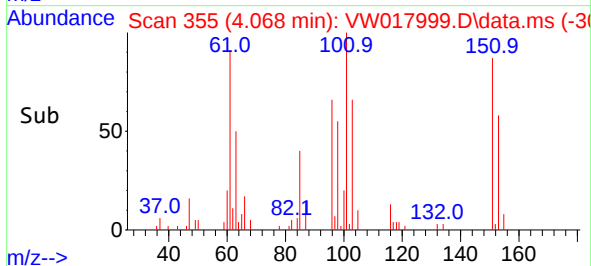
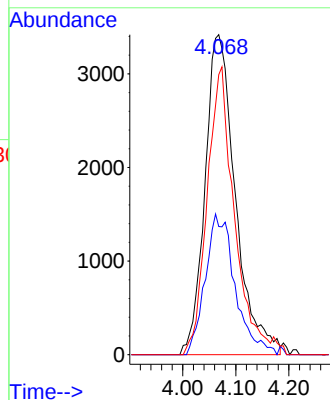
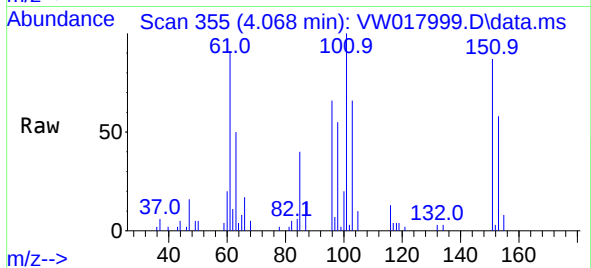
85 24.5 34.2 51.4#

151 80.0 30.4 45.6#

Instrument :

MSVOA_W

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 2.43 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.012 min

Lab File: VW017999.D

Acq: 29 Jan 2021 14:08

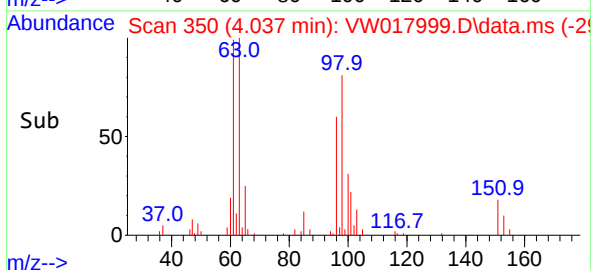
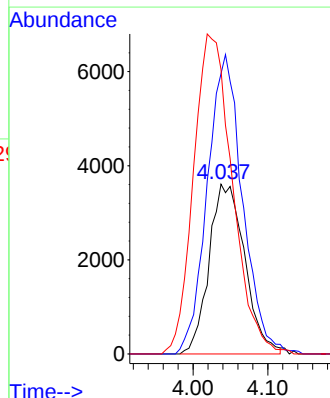
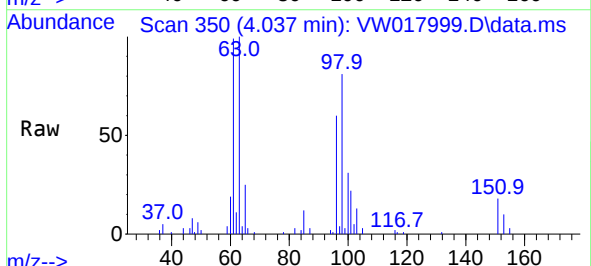
Tgt Ion: 96 Resp: 11974

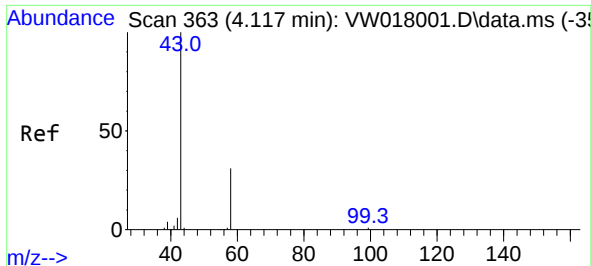
Ion Ratio Lower Upper

96 100

61 165.0 112.5 208.9

63 167.5 83.1 154.3#

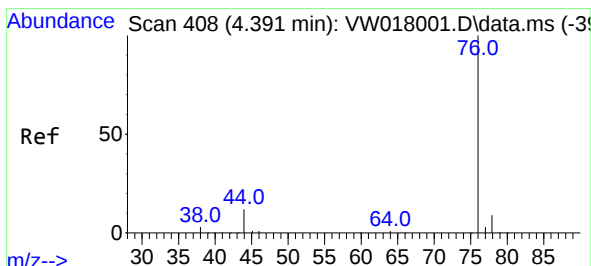
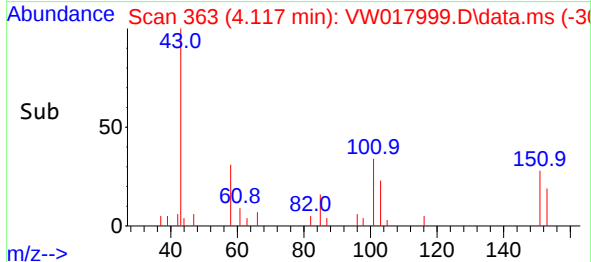
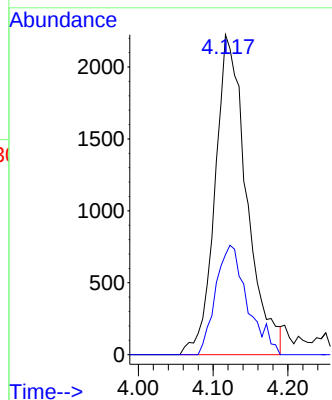
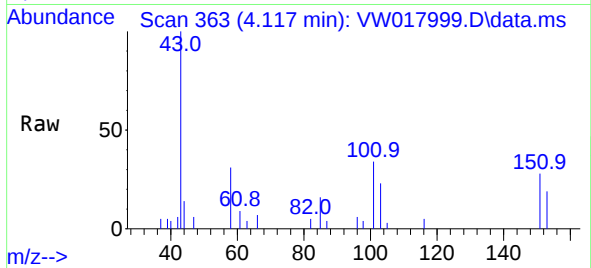




#13
Acetone
Concen: 6.60 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

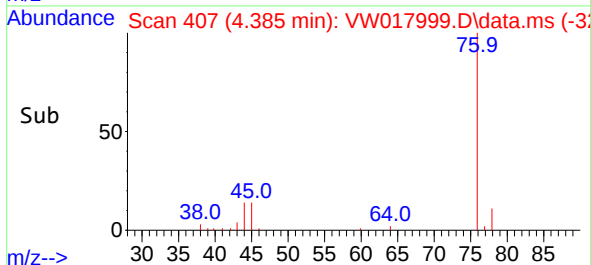
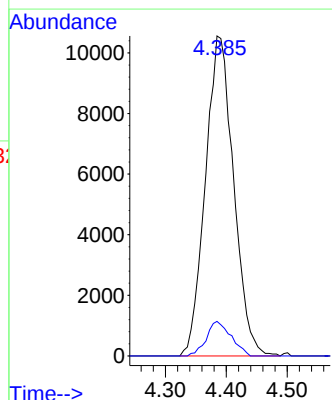
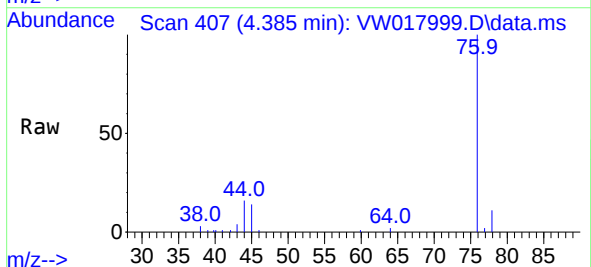
Instrument :
MSVOA_W
ClientSampled :

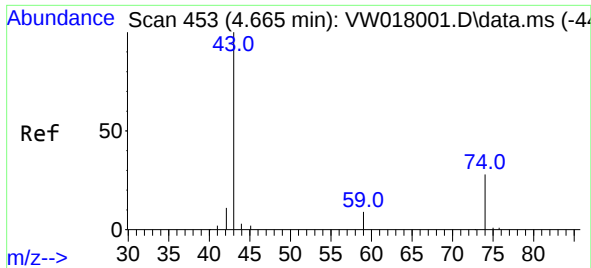
Tgt Ion: 43 Resp: 6544
Ion Ratio Lower Upper
43 100
58 32.3 0.0 68.4



#14
Carbon disulfide
Concen: 2.39 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 76 Resp: 33997
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.4#





#15

Methyl Acetate

Concen: 2.58 ug/L

RT: 4.671 min Scan# 454

Delta R.T. 0.006 min

Lab File: VW017999.D

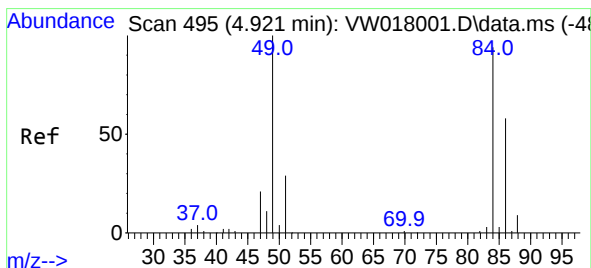
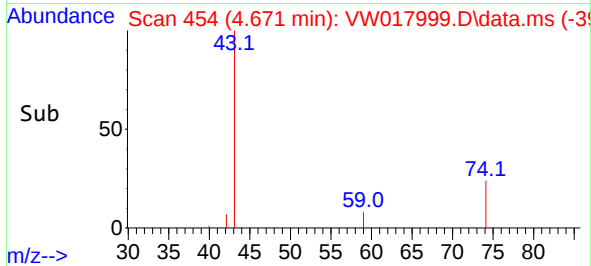
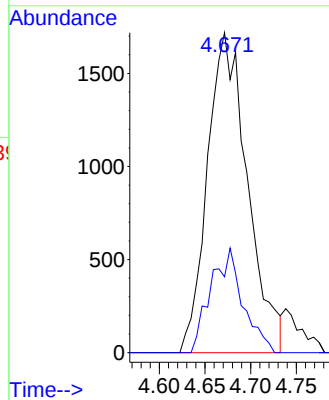
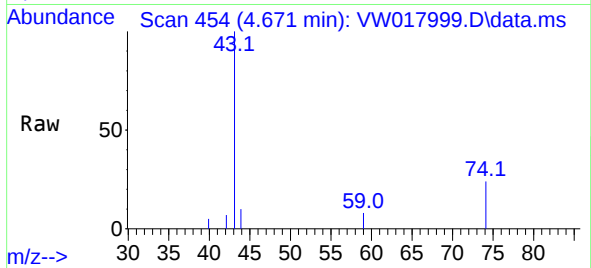
Acq: 29 Jan 2021 14:08

Tgt Ion: 43 Resp: 5237

Ion Ratio Lower Upper

43 100

74 13.2 20.7 31.1#



#16

Methylene chloride

Concen: 3.33 ug/L

RT: 4.921 min Scan# 495

Delta R.T. -0.000 min

Lab File: VW017999.D

Acq: 29 Jan 2021 14:08

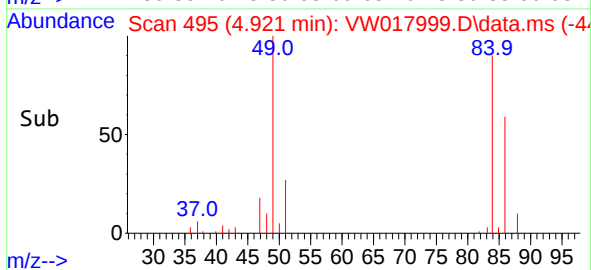
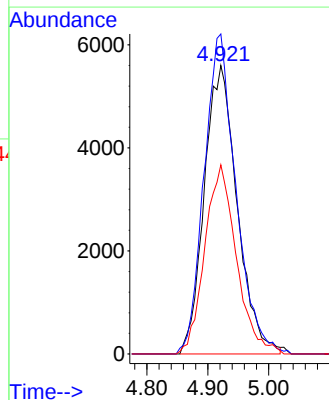
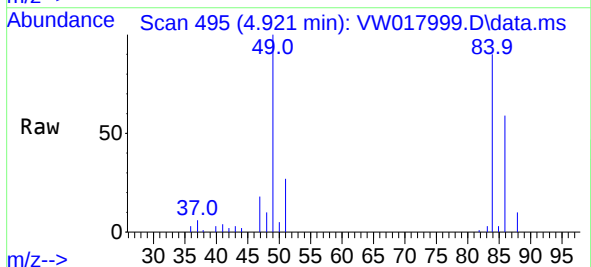
Tgt Ion: 84 Resp: 21013

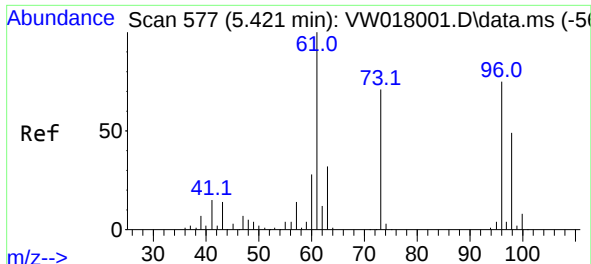
Ion Ratio Lower Upper

84 100

49 110.9 81.2 150.8

86 65.6 44.5 82.7



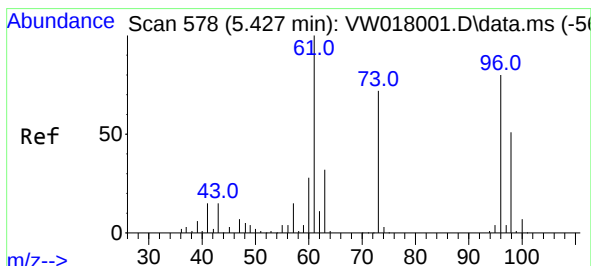
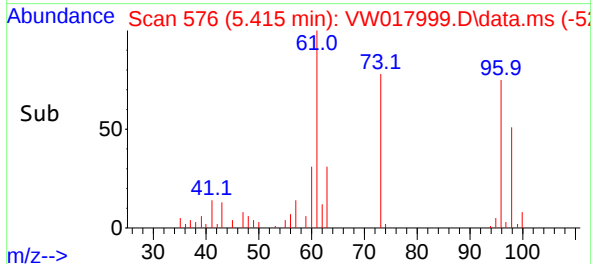
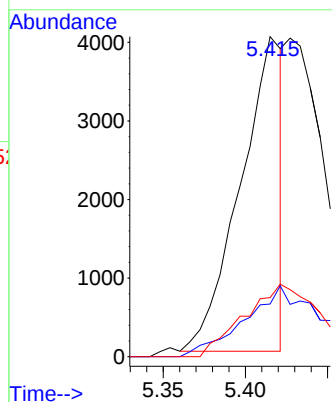
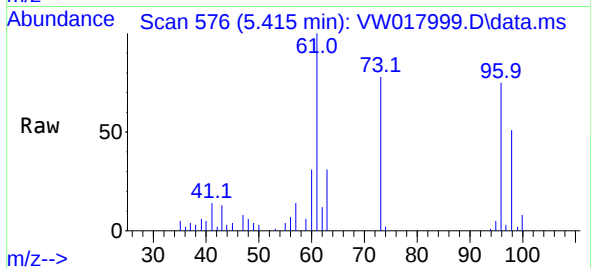


#17

Methyl tert-butyl Ether
Concen: 1.33 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Instrument :
MSVOA_W
ClientSampleId :

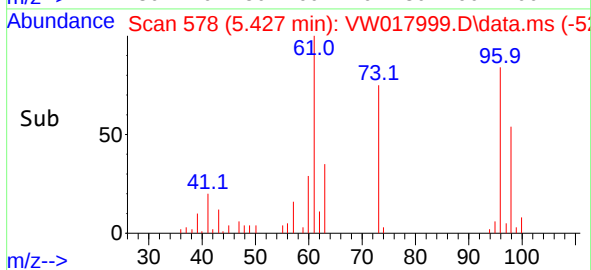
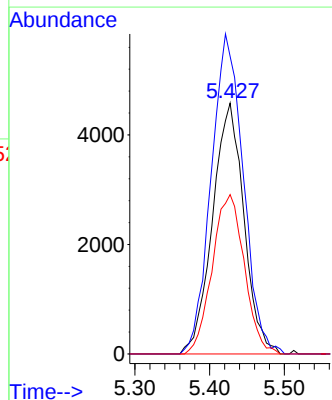
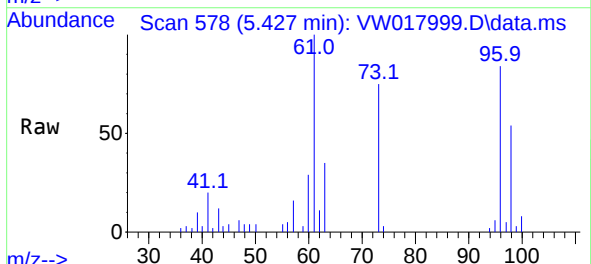
Tgt Ion: 73 Resp: 7141
Ion Ratio Lower Upper
73 100
43 24.3 16.2 24.4
57 41.3 17.2 25.8#

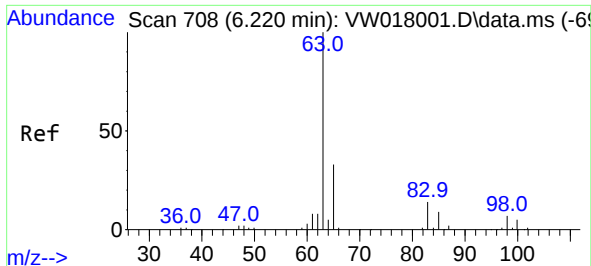


#18

trans-1,2-Dichloroethene
Concen: 2.46 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 96 Resp: 13374
Ion Ratio Lower Upper
96 100
61 118.6 92.7 172.1
98 63.5 43.3 80.3





#19

1,1-Dichloroethane

Concen: 2.41 ug/L

RT: 6.208 min Scan# 706

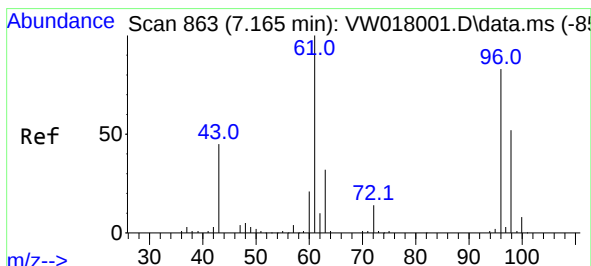
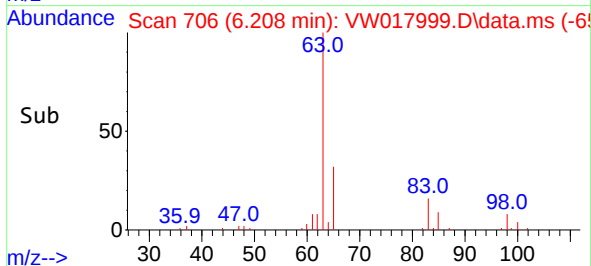
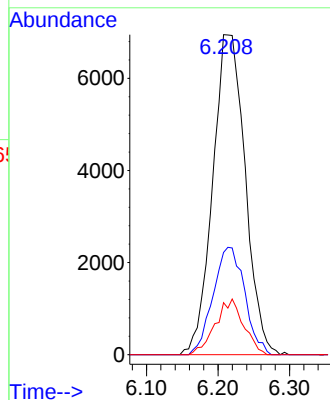
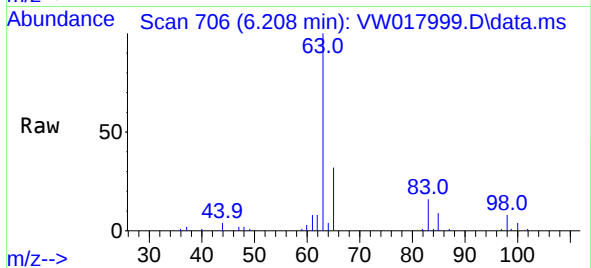
Delta R.T. -0.012 min

Lab File: VW017999.D

Acq: 29 Jan 2021 14:08

Tgt Ion:	63	Resp:	21921
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.9	40.7
83	16.2	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#21

2-Butanone

Concen: 5.88 ug/L

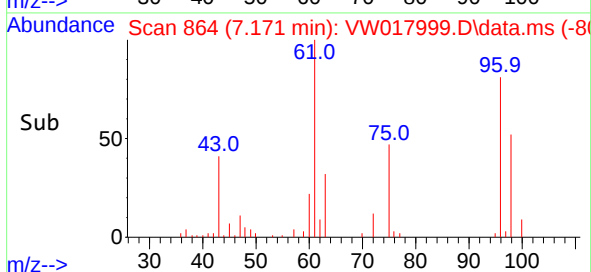
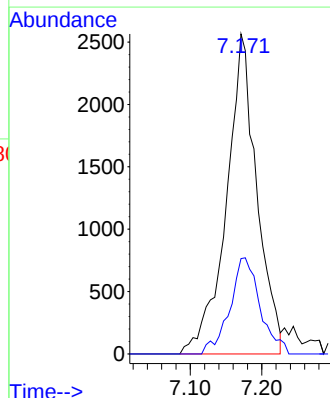
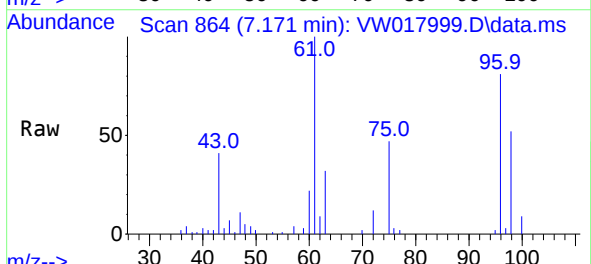
RT: 7.171 min Scan# 864

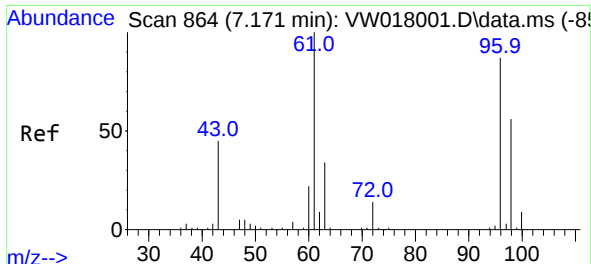
Delta R.T. 0.006 min

Lab File: VW017999.D

Acq: 29 Jan 2021 14:08

Tgt Ion:	43	Resp:	7594
Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.4	43.2

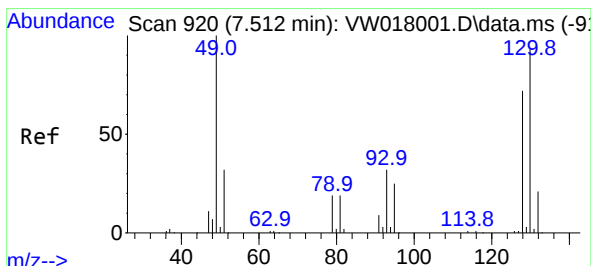
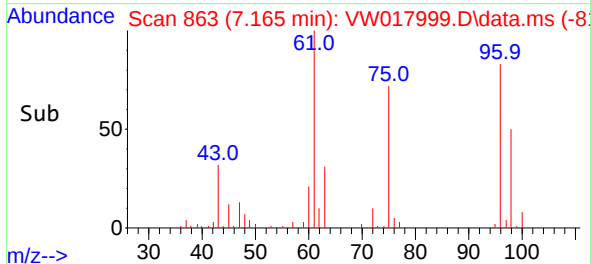
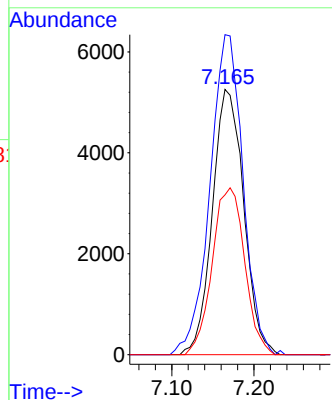
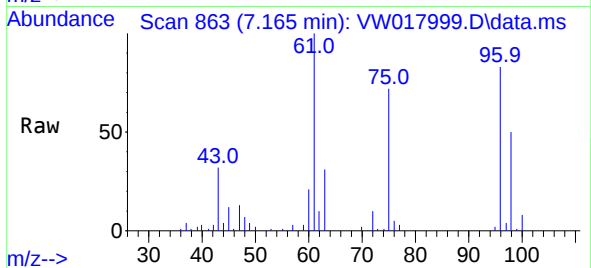




#22
cis-1,2-Dichloroethene
Concen: 2.51 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

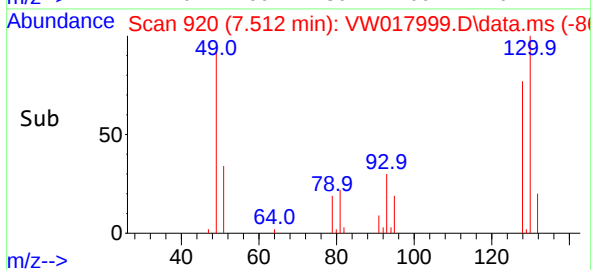
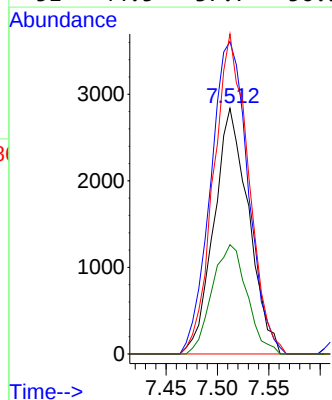
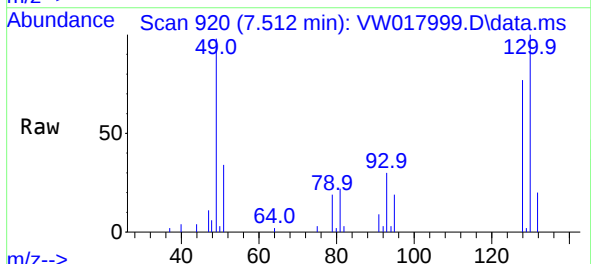
Instrument :
MSVOA_W
ClientSampled :

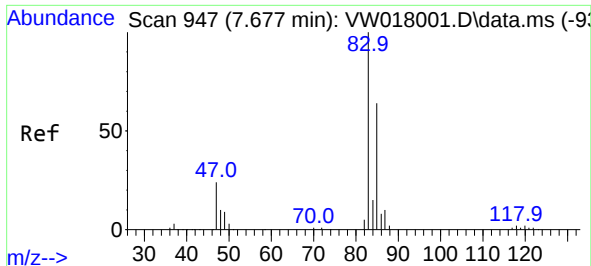
Tgt Ion: 96 Resp: 13944
Ion Ratio Lower Upper
96 100
61 120.6 84.6 157.2
98 60.3 44.7 82.9



#23
Bromochloromethane
Concen: 2.63 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 128 Resp: 6659
Ion Ratio Lower Upper
128 100
49 127.1 101.6 188.6
130 130.3 90.4 167.8
51 44.5 37.7 56.5





#25

Chloroform

Concen: 2.42 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW017999.D

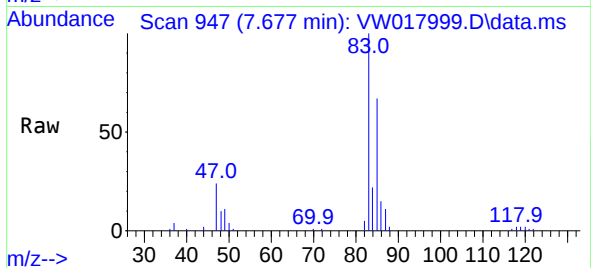
Acq: 29 Jan 2021 14:08

Tgt Ion: 83 Resp: 23623

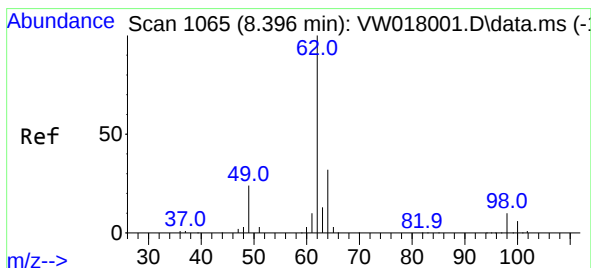
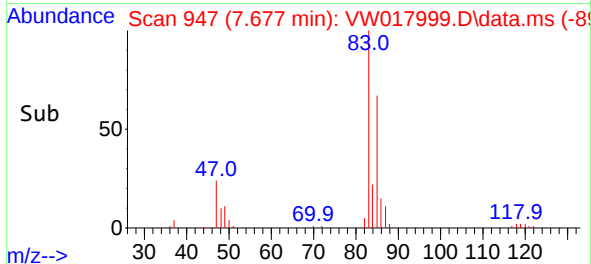
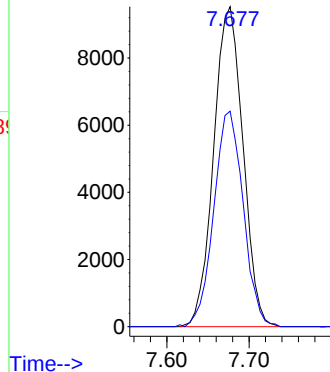
Ion Ratio Lower Upper

83 100

85 67.5 45.7 84.9



Abundance



#27

1,2-Dichloroethane

Concen: 2.52 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW017999.D

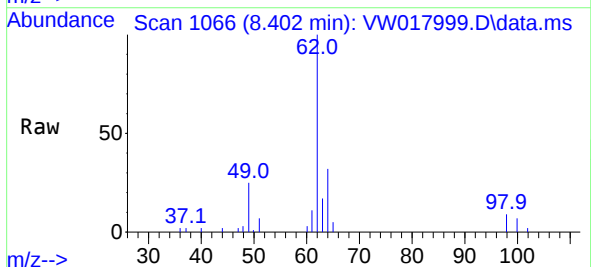
Acq: 29 Jan 2021 14:08

Tgt Ion: 62 Resp: 15802

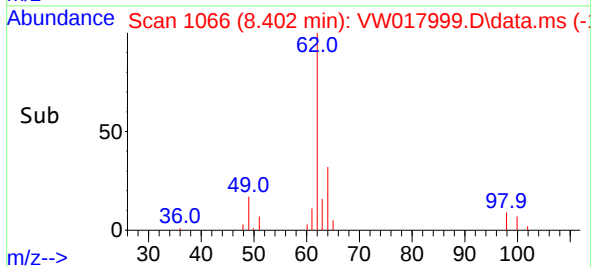
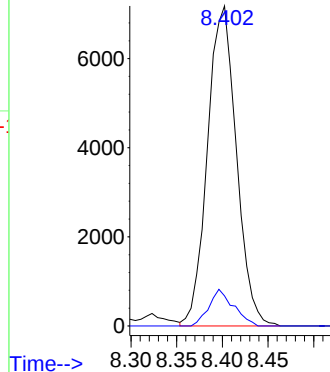
Ion Ratio Lower Upper

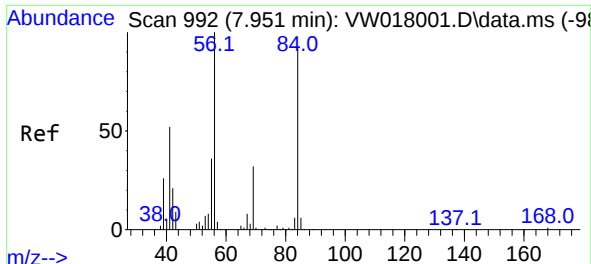
62 100

98 9.4 8.0 12.0



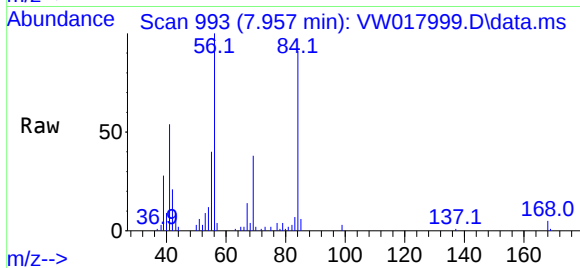
Abundance





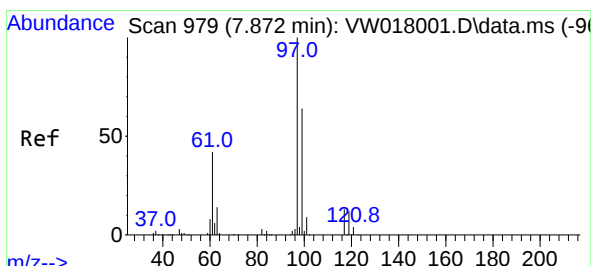
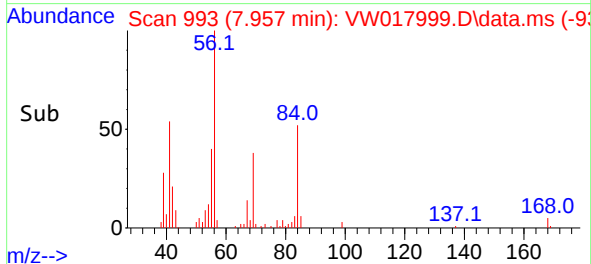
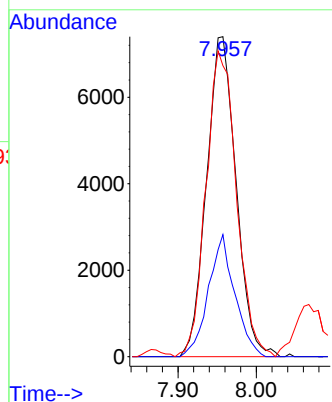
#30
Cyclohexane
Concen: 2.32 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 56 Resp: 19408

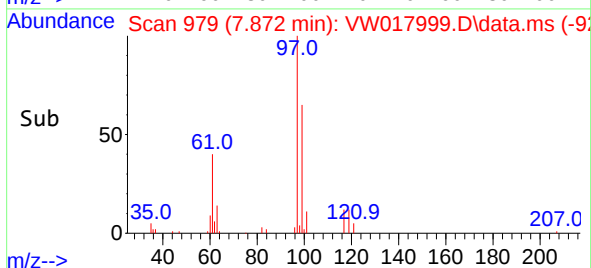
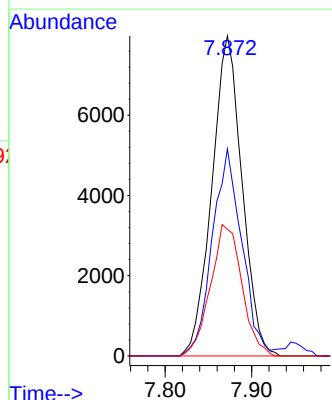
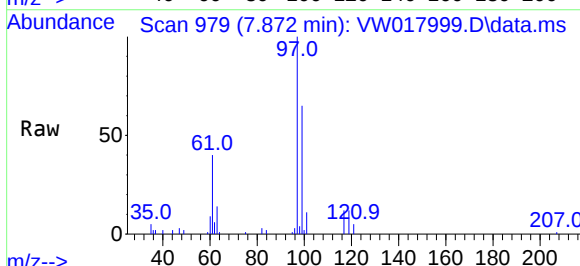
Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.8	37.2
84	98.3	74.2	111.4

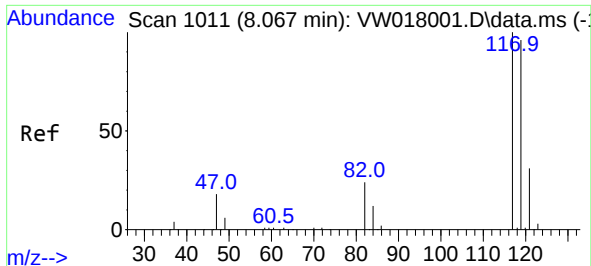


#31
1,1,1-Trichloroethane
Concen: 2.49 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 97 Resp: 19313

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	42.8	33.6	50.4

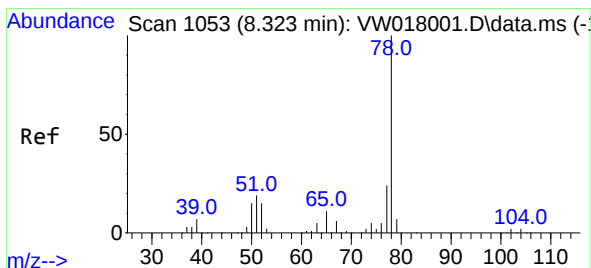
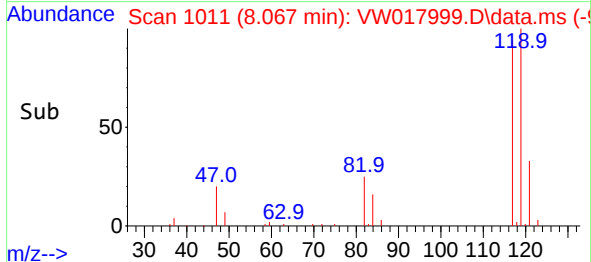
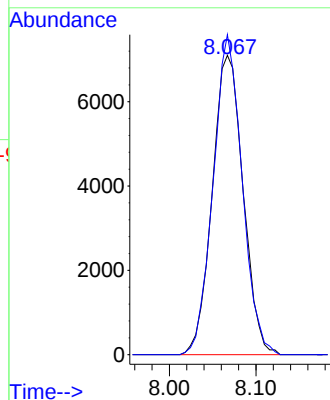
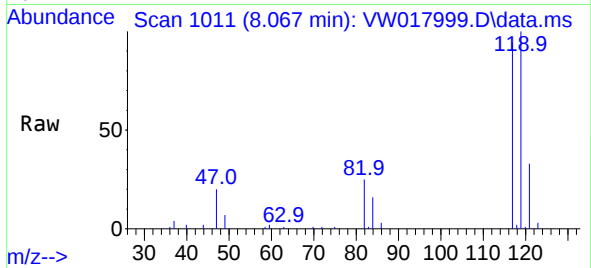




#32
Carbon tetrachloride
Concen: 2.34 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

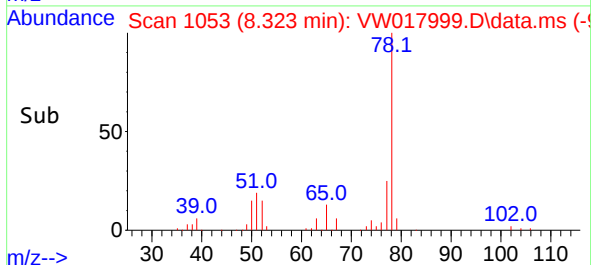
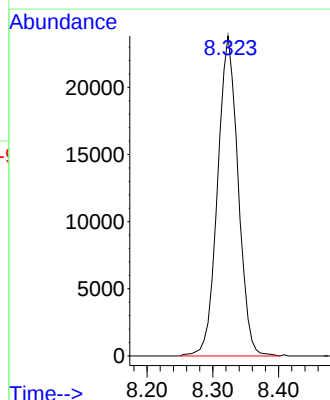
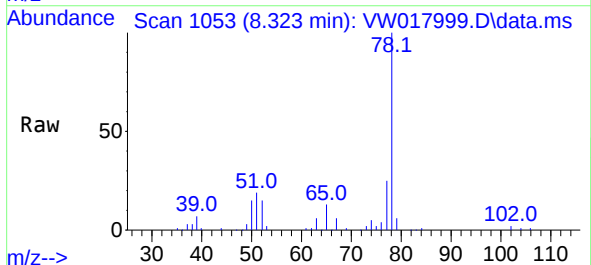
Instrument :
MSVOA_W
ClientSampled :

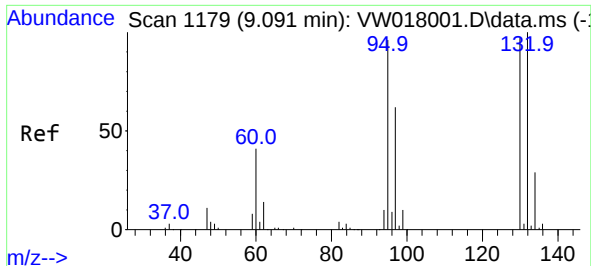
Tgt Ion:117 Resp: 17560
Ion Ratio Lower Upper
117 100
119 100.5 75.8 113.8



#34
Benzene
Concen: 2.50 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 78 Resp: 51712



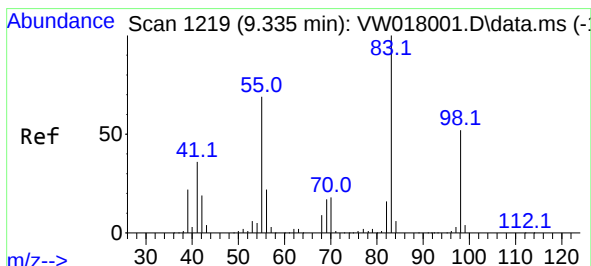
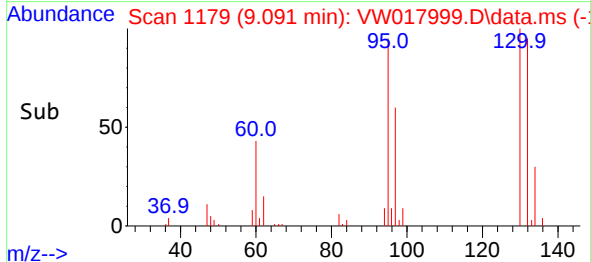
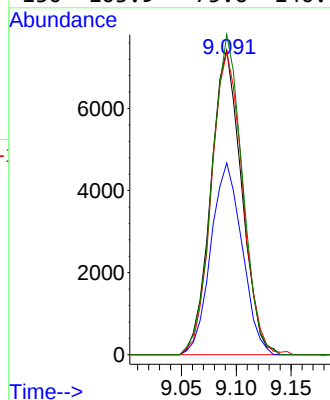
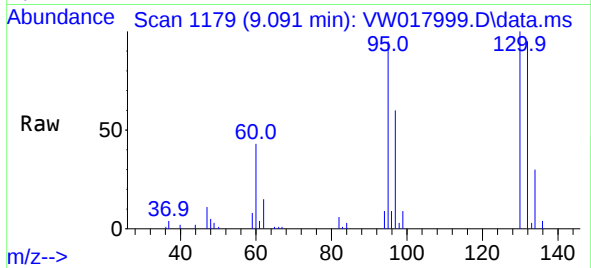


#35
Trichloroethene
Concen: 2.50 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 14486

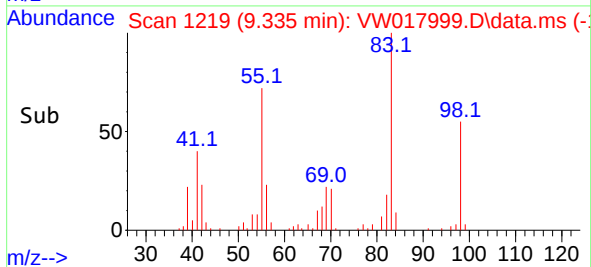
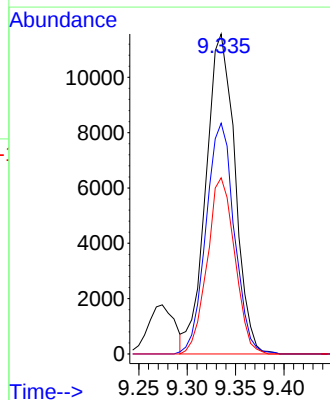
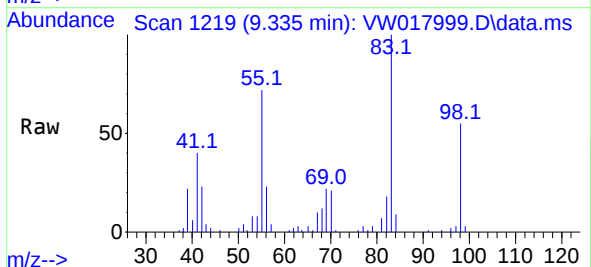
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.0	83.6
132	100.4	71.0	131.8
130	103.9	75.6	140.4

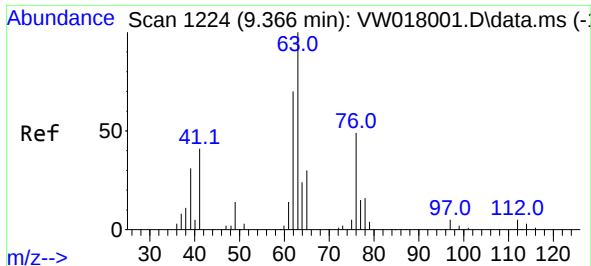


#36
Methylcyclohexane
Concen: 2.45 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 83 Resp: 24210

Ion	Ratio	Lower	Upper
83	100		
55	70.2	59.4	89.0
98	52.1	40.7	61.1

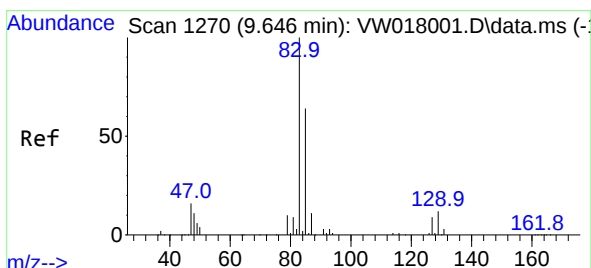
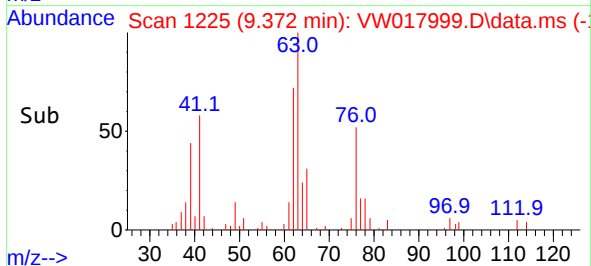
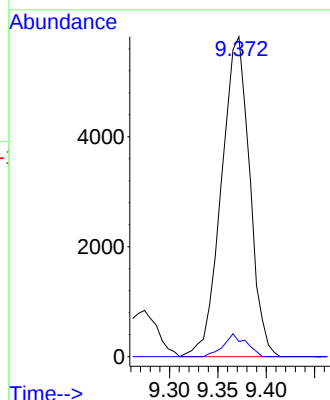
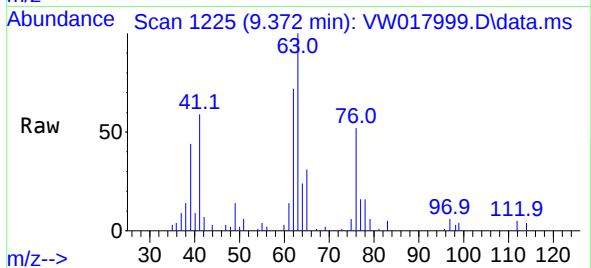




#40
1,2-Dichloropropane
Concen: 2.38 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

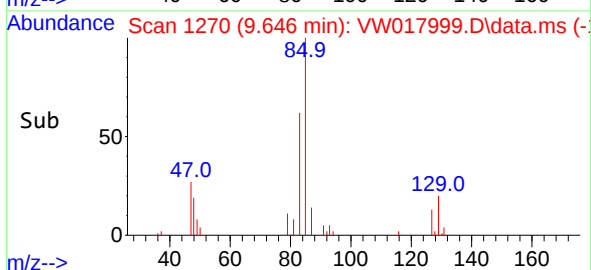
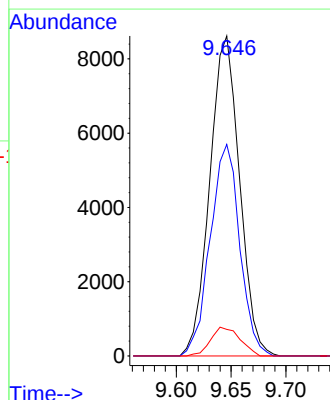
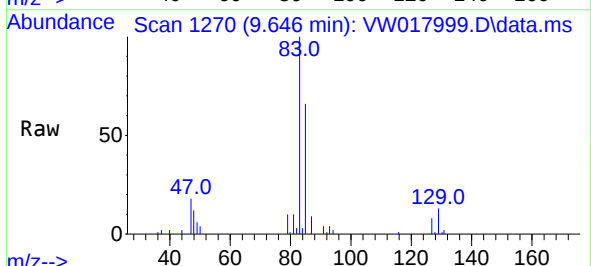
Instrument :
MSVOA_W
ClientSampled :

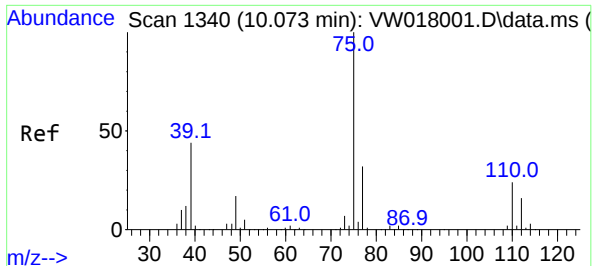
Tgt Ion: 63 Resp: 11841
Ion Ratio Lower Upper
63 100
112 5.7 4.2 6.4



#41
Bromodichloromethane
Concen: 2.45 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 83 Resp: 16294
Ion Ratio Lower Upper
83 100
85 66.1 46.8 86.8
127 8.3 7.6 11.4

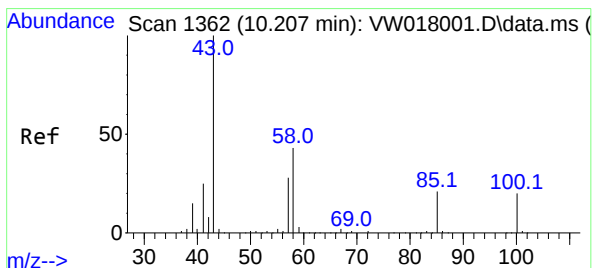
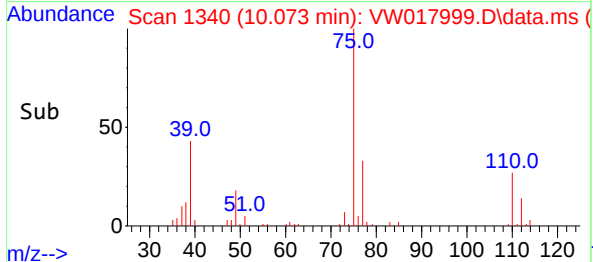
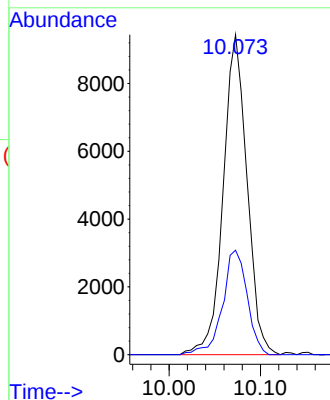
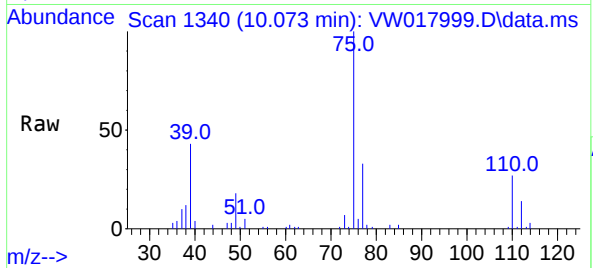




#42
 cis-1,3-Dichloropropene
 Concen: 2.31 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW017999.D
 Acq: 29 Jan 2021 14:08

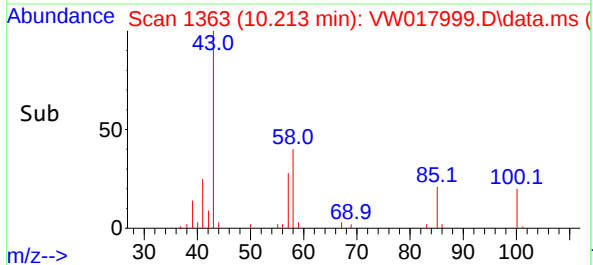
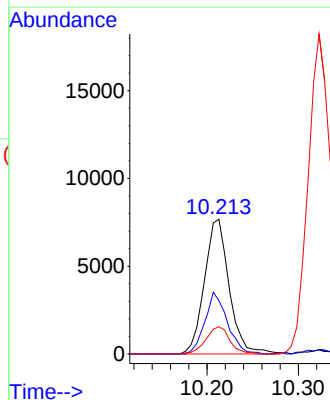
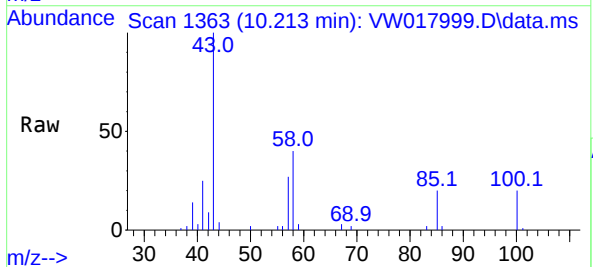
Instrument :
 MSVOA_W
 ClientSampled :

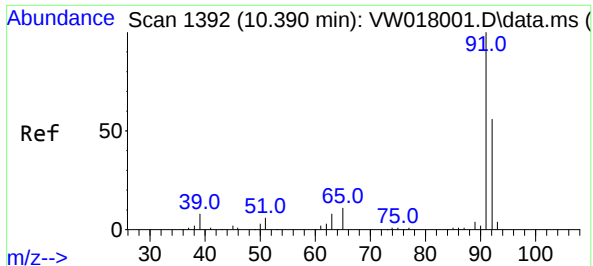
Tgt Ion: 75 Resp: 17087
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.7 42.3



#43
 4-Methyl-2-pentanone
 Concen: 4.97 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.006 min
 Lab File: VW017999.D
 Acq: 29 Jan 2021 14:08

Tgt Ion: 43 Resp: 14429
 Ion Ratio Lower Upper
 43 100
 58 41.1 31.6 47.4
 100 19.4 14.1 21.1

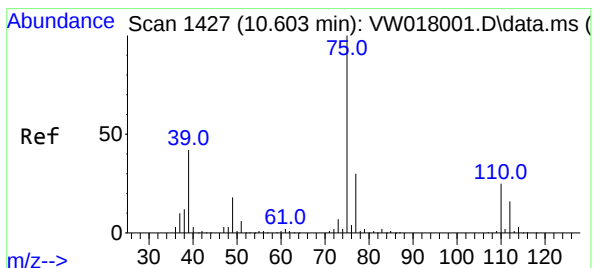
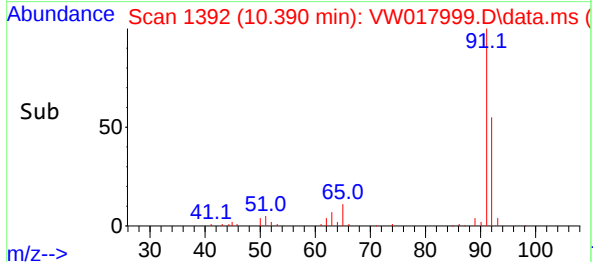
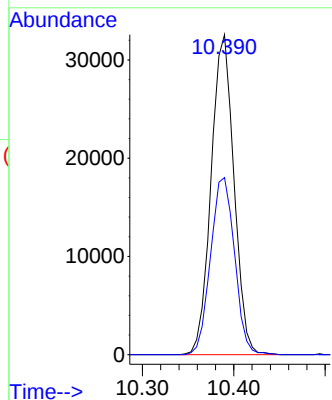
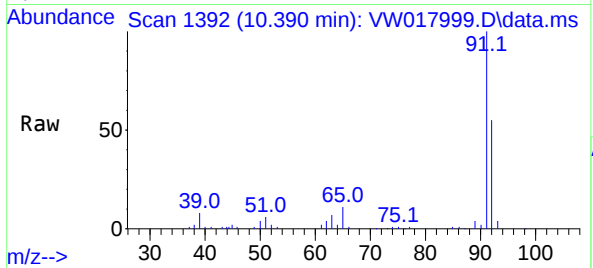




#44
Toluene
Concen: 2.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

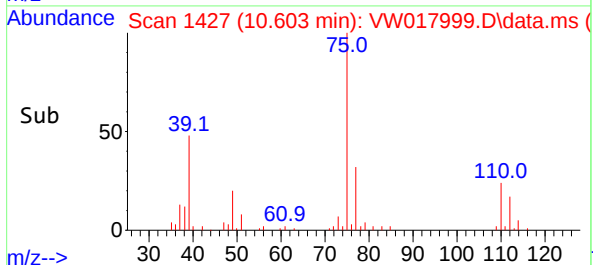
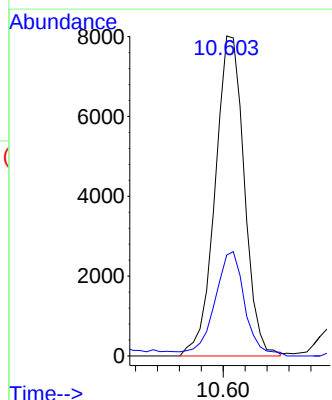
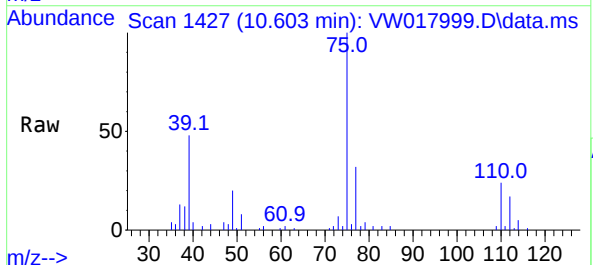
Instrument :
MSVOA_W
ClientSampled :

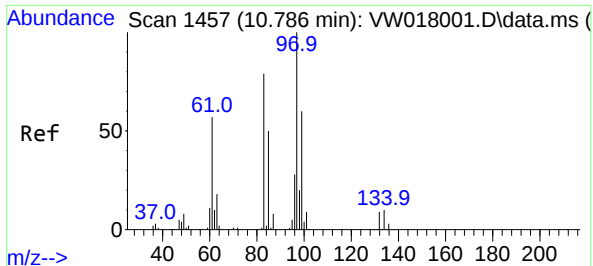
Tgt Ion: 91 Resp: 56503
Ion Ratio Lower Upper
91 100
92 55.3 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 2.30 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 75 Resp: 14793
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



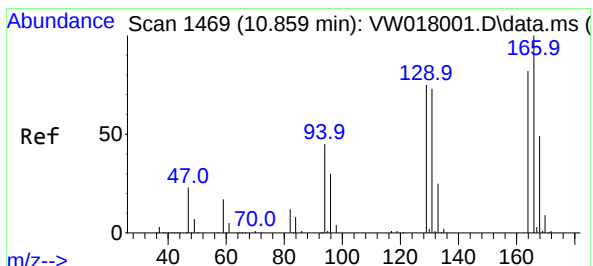
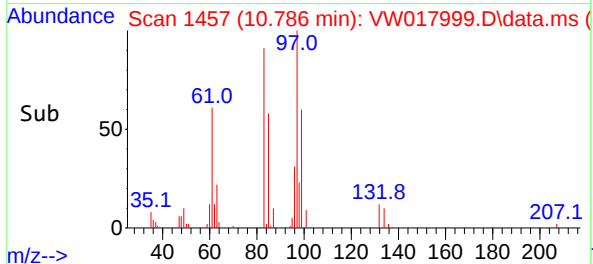
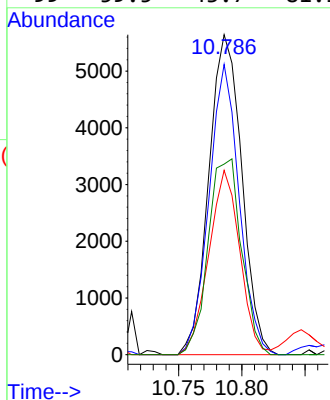
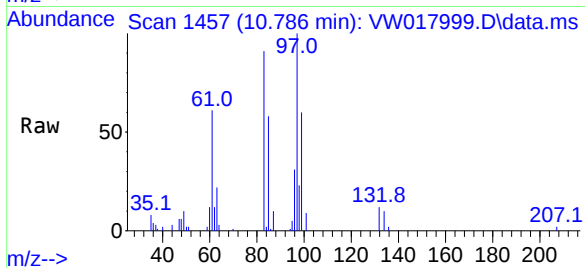


#46
1,1,2-Trichloroethane
Concen: 2.70 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 10199

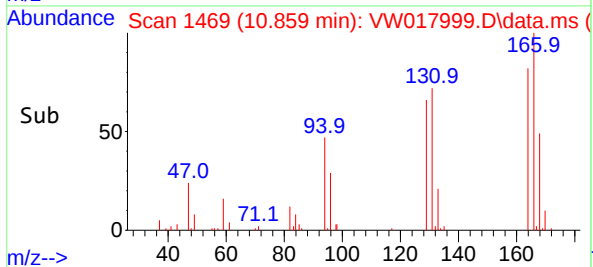
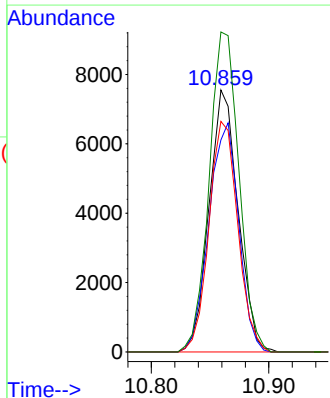
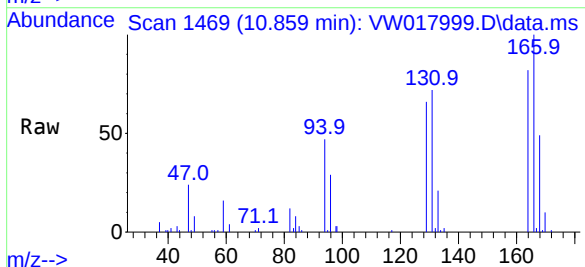
Ion	Ratio	Lower	Upper
97	100		
83	90.7	58.5	108.7
85	57.6	37.8	70.2
99	59.5	43.7	81.1

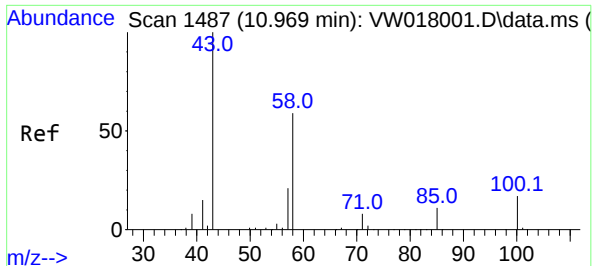


#47
Tetrachloroethene
Concen: 2.77 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion: 164 Resp: 12985

Ion	Ratio	Lower	Upper
164	100		
129	81.0	67.6	125.6
131	88.0	65.2	121.2
166	122.2	93.2	173.2

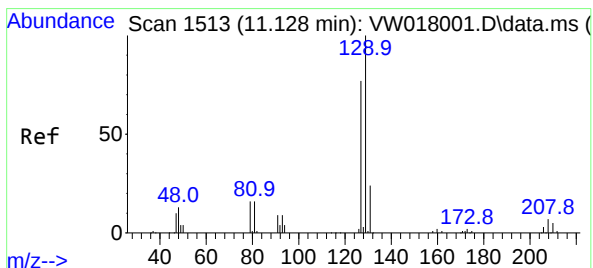
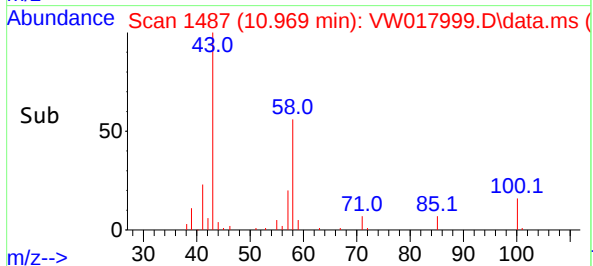
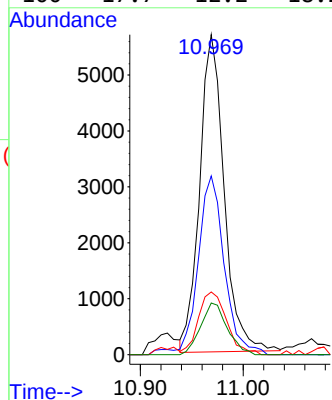
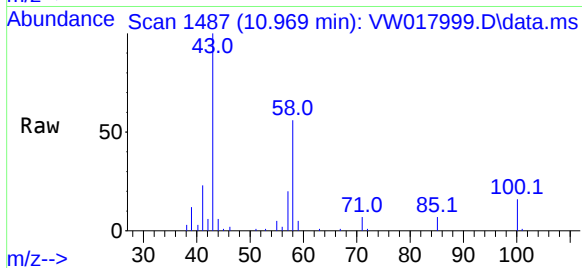




#49
2-Hexanone
Concen: 4.64 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

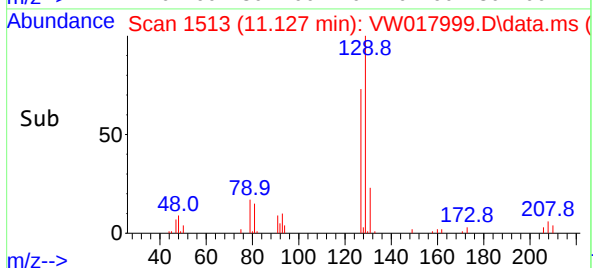
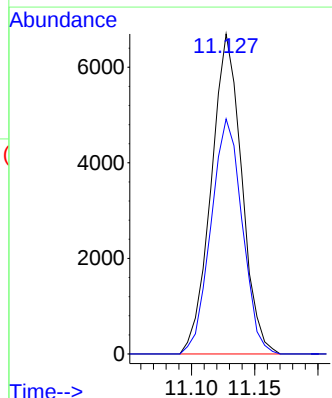
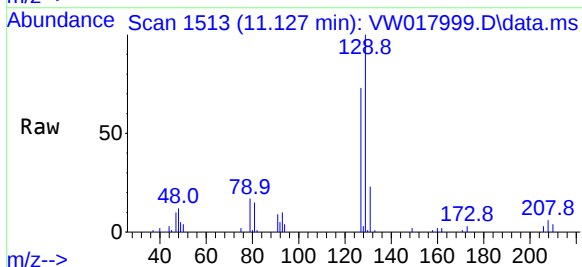
Instrument :
MSVOA_W
ClientSampled :

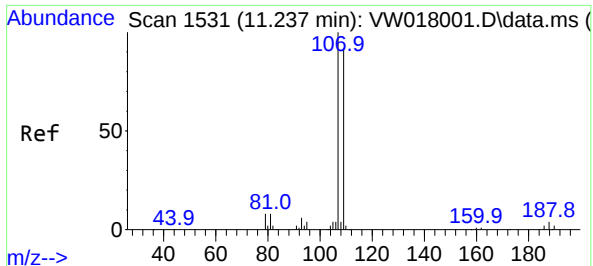
Tgt Ion:	43	Resp:	9422
Ion	Ratio	Lower	Upper
43	100		
58	59.5	51.3	76.9
57	22.9	15.0	22.6#
100	17.7	12.2	18.2



#50
Dibromochloromethane
Concen: 2.51 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

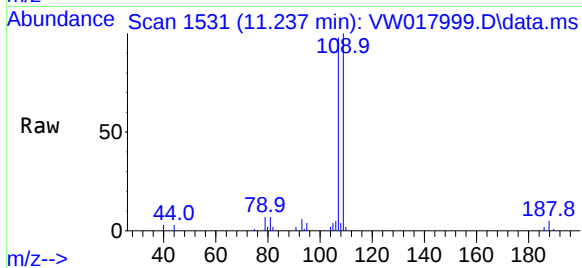
Tgt Ion:	129	Resp:	11235
Ion	Ratio	Lower	Upper
129	100		
127	73.5	53.2	98.8



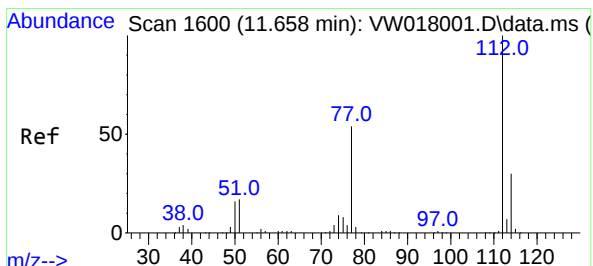
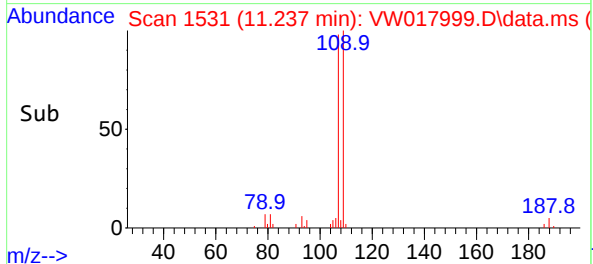
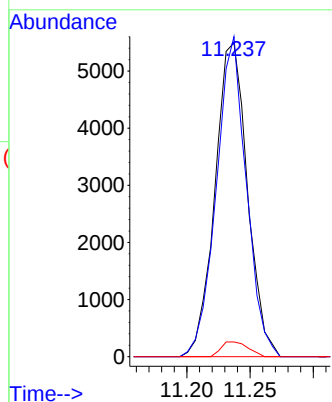


#51
1,2-Dibromoethane
Concen: 2.64 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

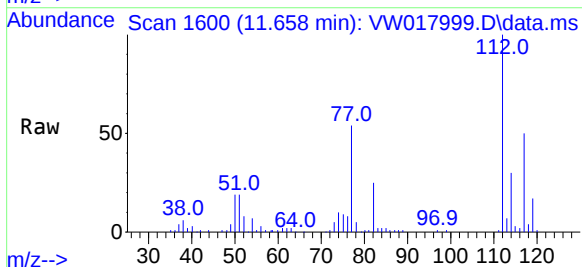
Instrument :
MSVOA_W
ClientSampled :



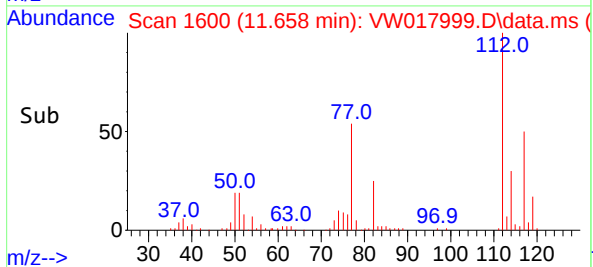
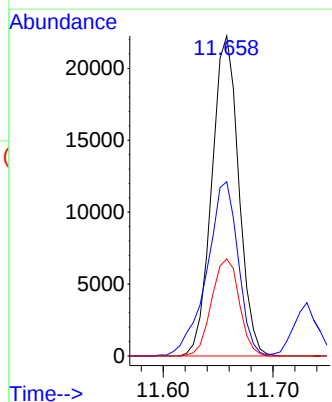
Tgt Ion:107 Resp: 9787
Ion Ratio Lower Upper
107 100
109 101.9 66.4 123.2
188 4.7 4.0 6.0

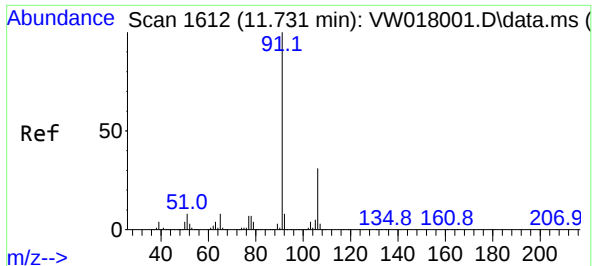


#52
Chlorobenzene
Concen: 2.57 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08



Tgt Ion:112 Resp: 37974
Ion Ratio Lower Upper
112 100
77 54.4 42.6 64.0
114 30.3 21.6 40.2

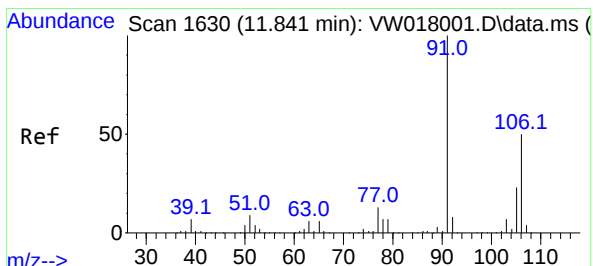
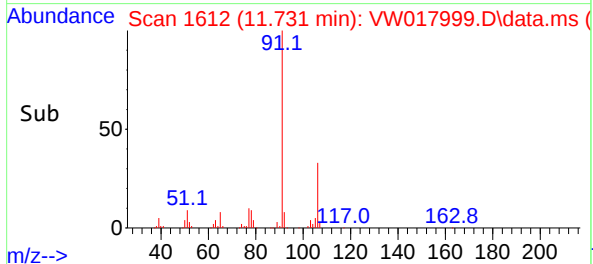
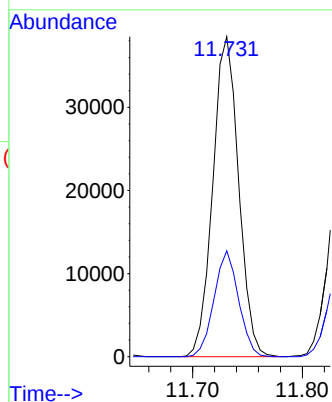
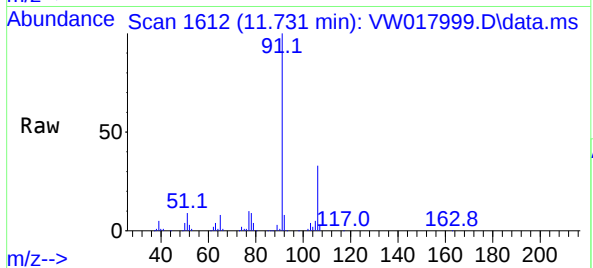




#53
Ethylbenzene
Concen: 2.43 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

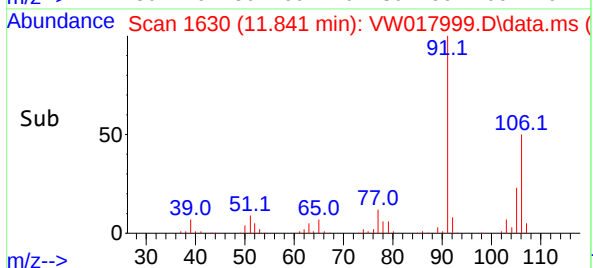
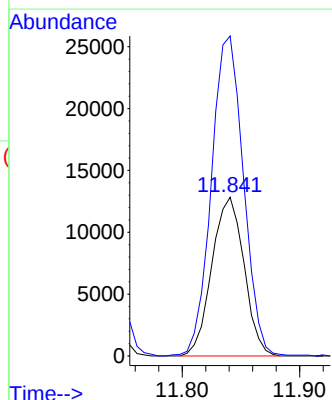
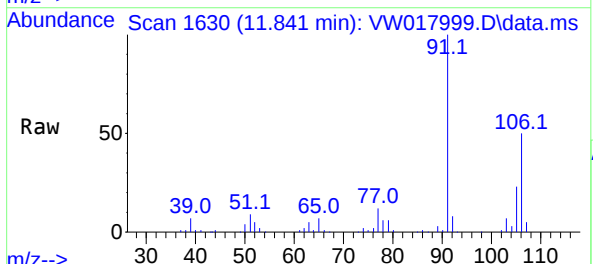
Instrument :
MSVOA_W
ClientSampled :

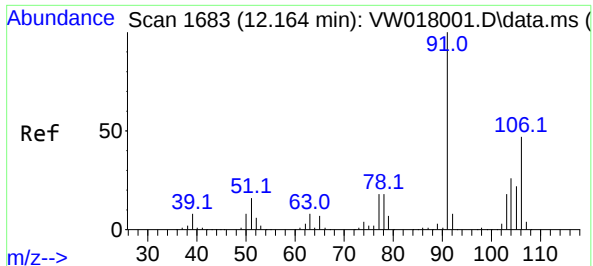
Tgt Ion: 91 Resp: 63021
Ion Ratio Lower Upper
91 100
106 33.1 21.1 39.1



#54
m,p-Xylene
Concen: 2.44 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion:106 Resp: 24412
Ion Ratio Lower Upper
106 100
91 201.6 136.4 253.4

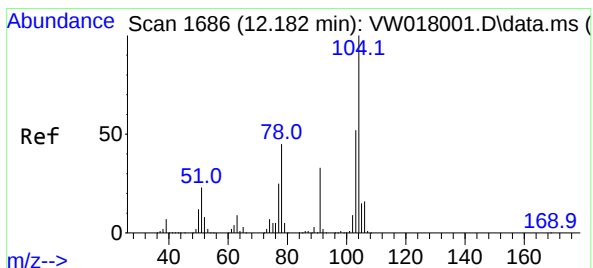
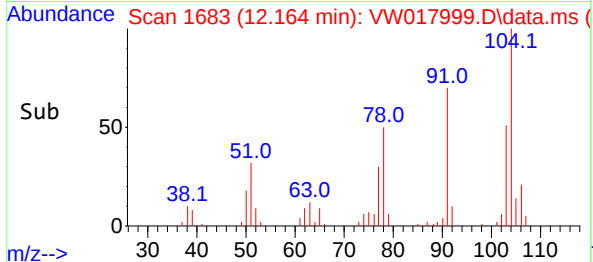
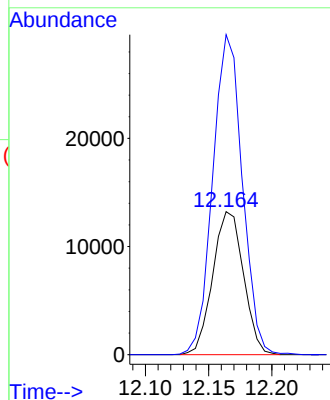
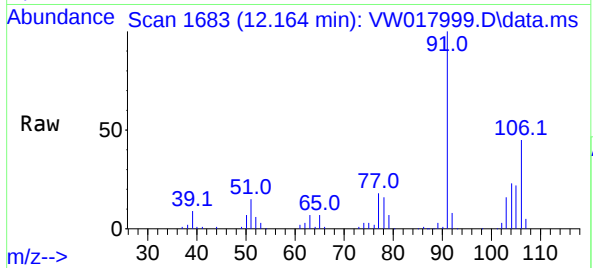




#55
o-xylene
Concen: 2.41 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

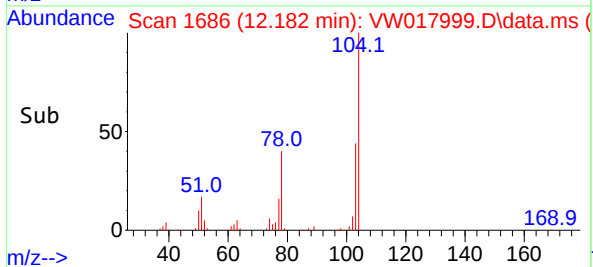
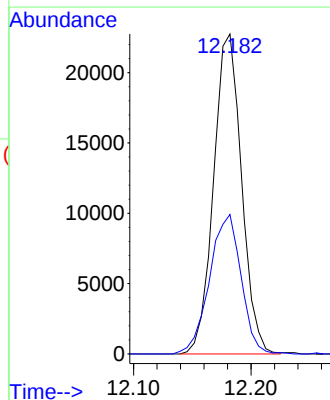
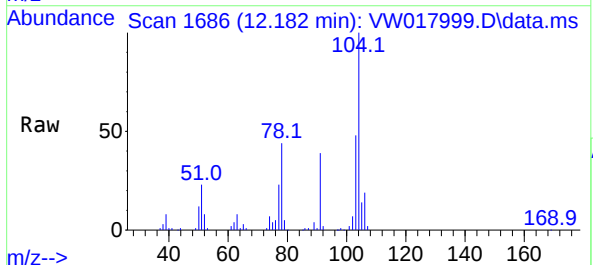
Instrument :
MSVOA_W
ClientSampled :

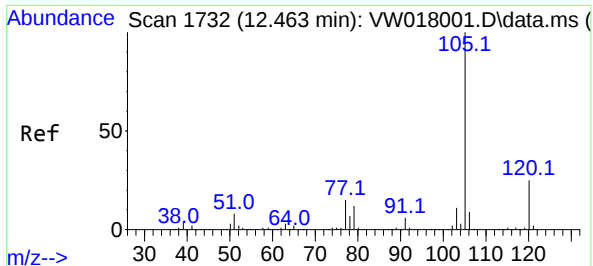
Tgt Ion:106 Resp: 22369
Ion Ratio Lower Upper
106 100
91 223.6 147.6 274.2



#56
Styrene
Concen: 2.39 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion:104 Resp: 37621
Ion Ratio Lower Upper
104 100
78 43.6 31.3 58.1

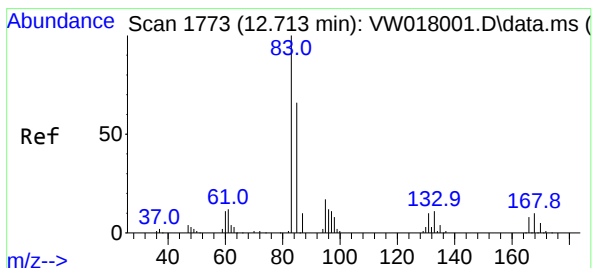
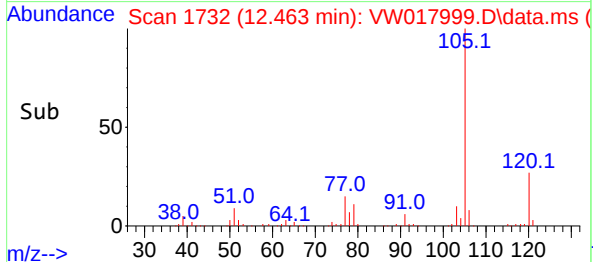
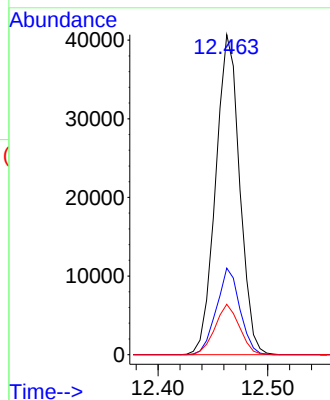
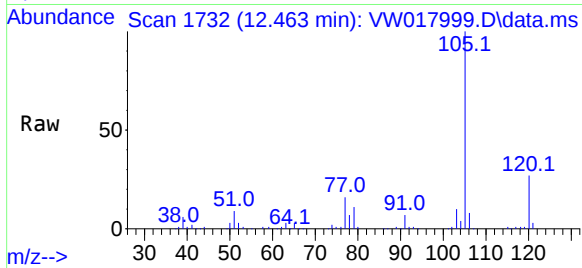




#57
Isopropylbenzene
Concen: 2.37 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

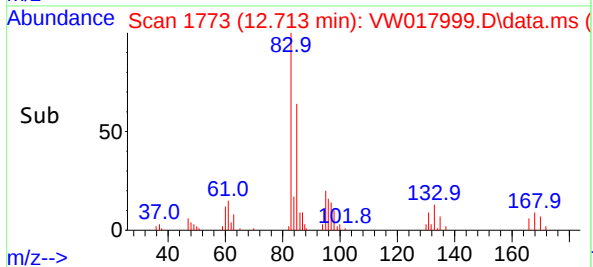
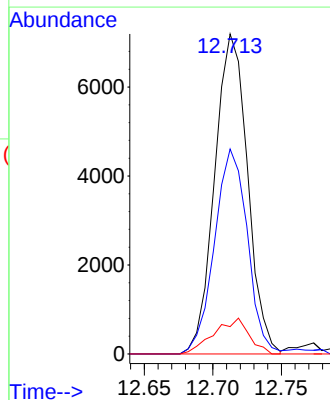
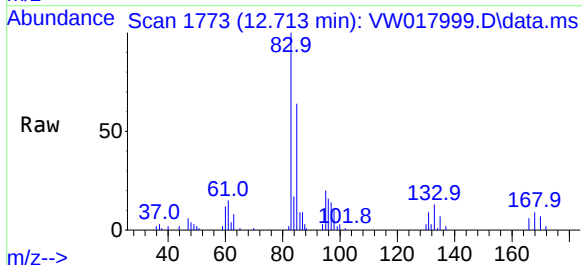
Instrument :
MSVOA_W
ClientSampled :

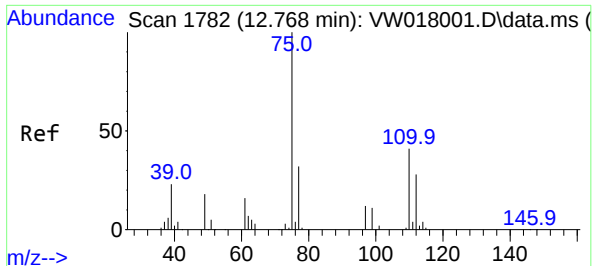
Tgt Ion:	105	Resp:	62010
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.4	32.2
77	15.9	12.1	18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 2.67 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion:	83	Resp:	12010
Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.3	84.1
131	8.5	8.3	12.5

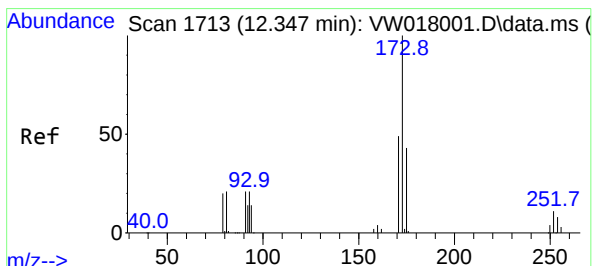
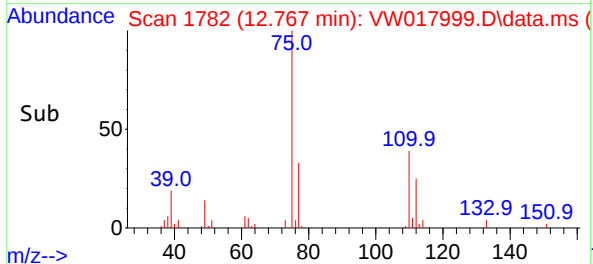
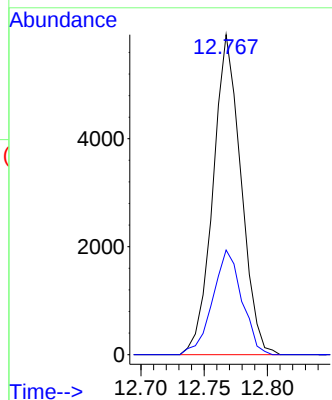
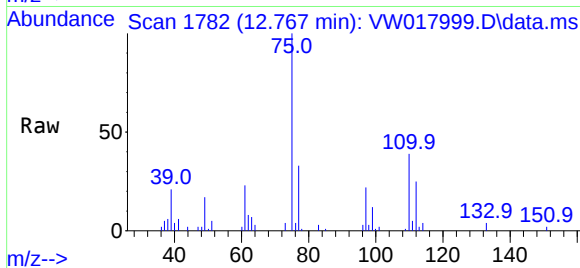




#59
1,2,3-Trichloropropane
Concen: 2.75 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

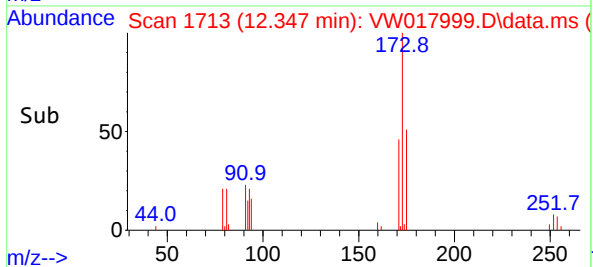
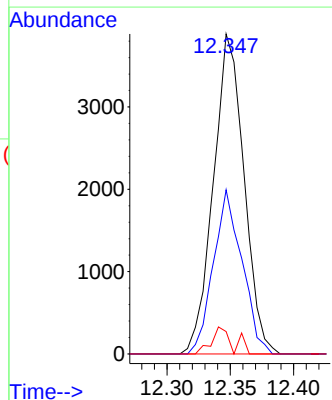
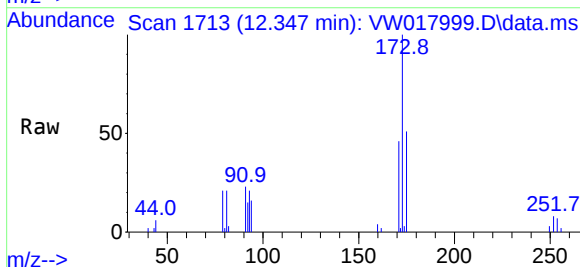
Instrument :
MSVOA_W
ClientSampled :

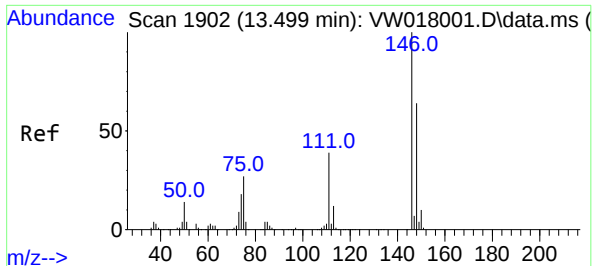
Tgt Ion: 75 Resp: 9115
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8



#62
Bromoform
Concen: 2.65 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion:173 Resp: 6540
Ion Ratio Lower Upper
173 100
175 48.0 39.1 58.7
254 4.4 7.1 10.7#

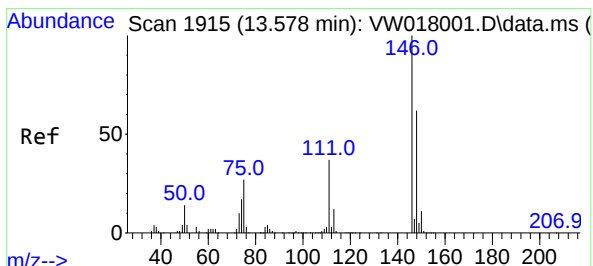
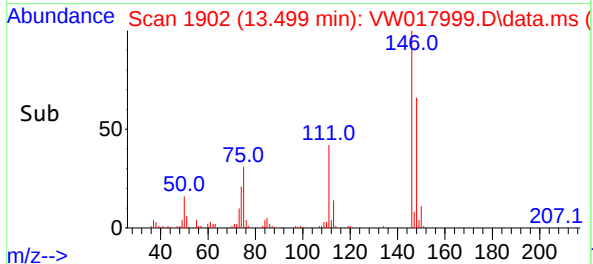
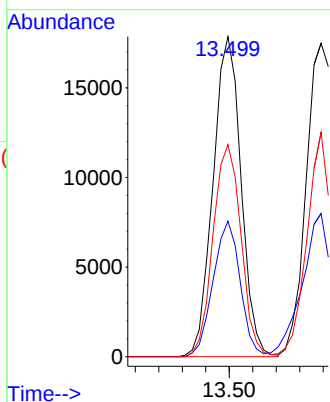
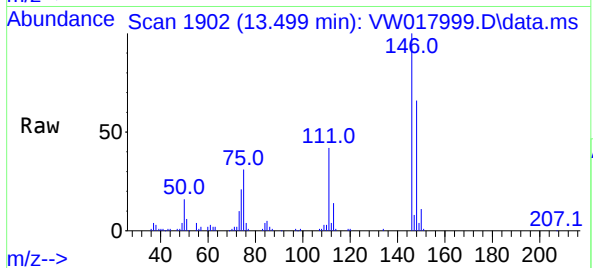




#63
1,3-Dichlorobenzene
Concen: 2.51 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

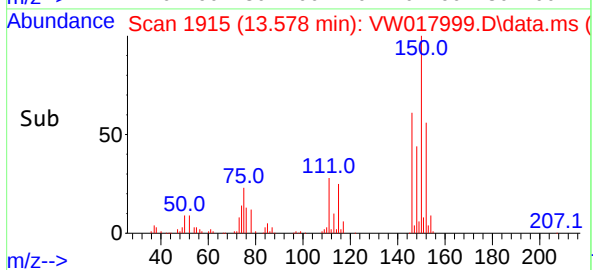
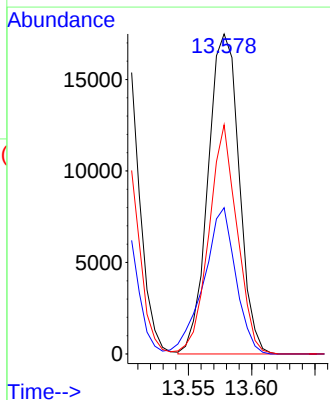
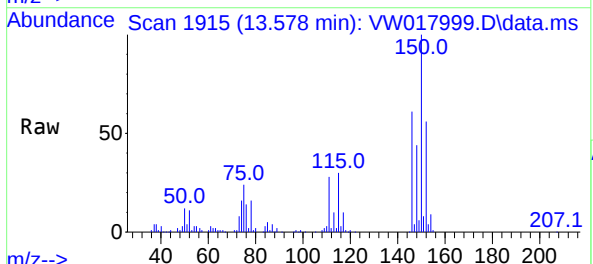
Instrument :
MSVOA_W
ClientSampleId :

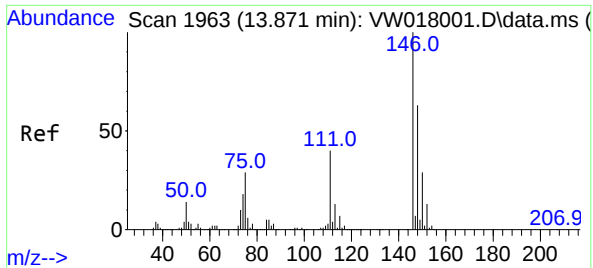
Tgt Ion:146 Resp: 29551
Ion Ratio Lower Upper
146 100
111 42.3 28.5 52.9
148 66.3 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 2.53 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

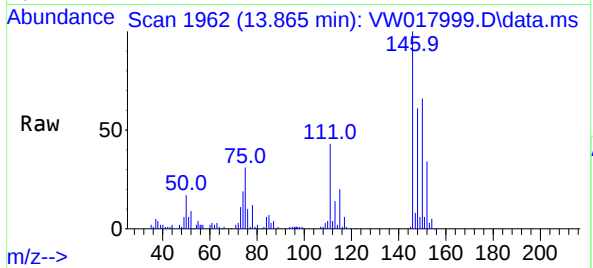
Tgt Ion:146 Resp: 29829
Ion Ratio Lower Upper
146 100
111 45.7 27.7 51.5
148 71.6 47.0 87.2



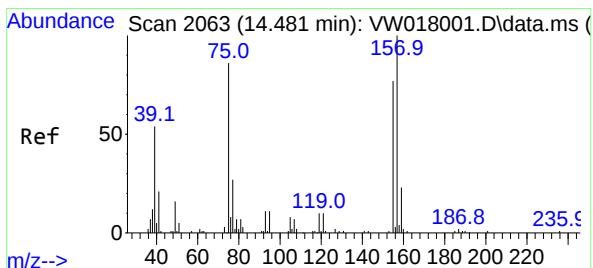
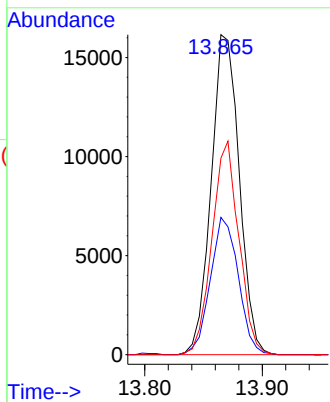
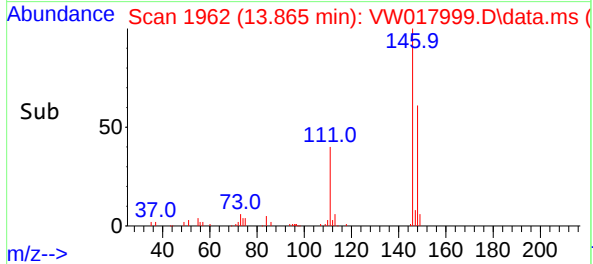


#65
1,2-Dichlorobenzene
Concen: 2.57 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

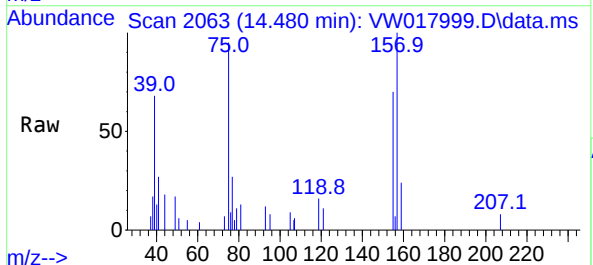
Instrument :
MSVOA_W
ClientSampled :



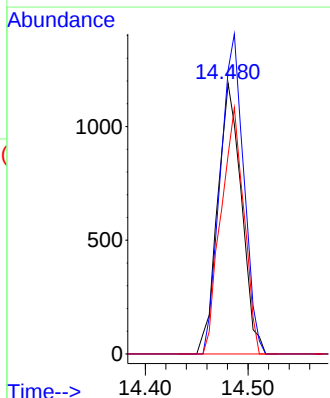
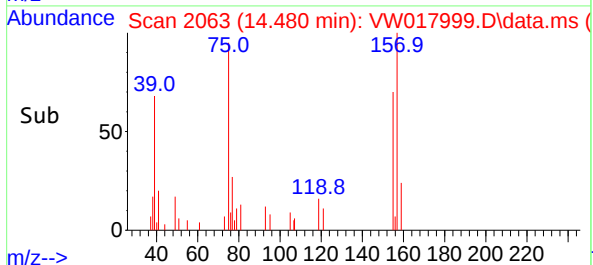
Tgt Ion:	146	Resp:	26895
Ion Ratio	Lower	Upper	
146	100		
111	42.9	31.7	47.5
148	61.4	49.3	73.9

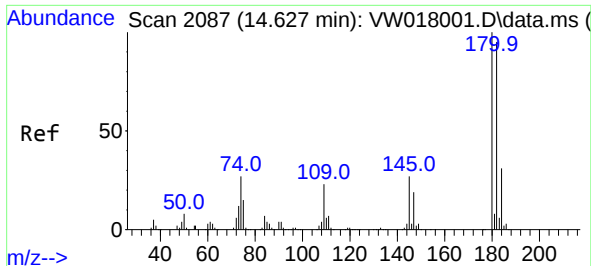


#66
1,2-Dibromo-3-chloropropane
Concen: 2.58 ug/L
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08



Tgt Ion:	75	Resp:	1917
Ion Ratio	Lower	Upper	
75	100		
157	105.0	99.9	149.9
155	73.6	71.4	107.0

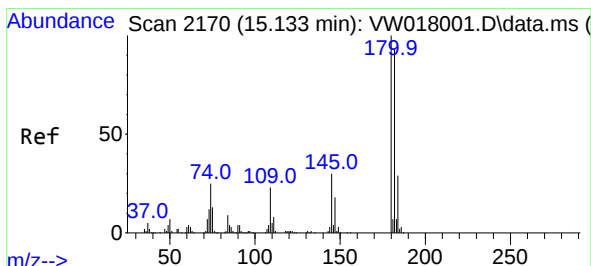
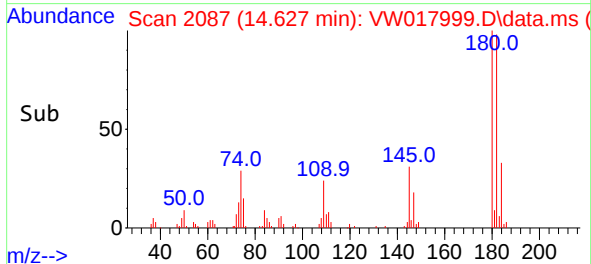
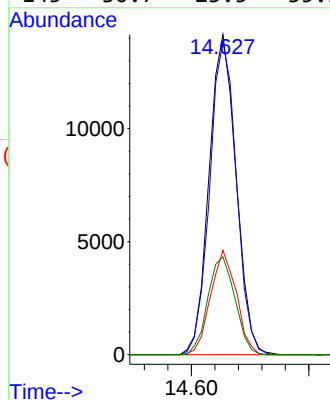
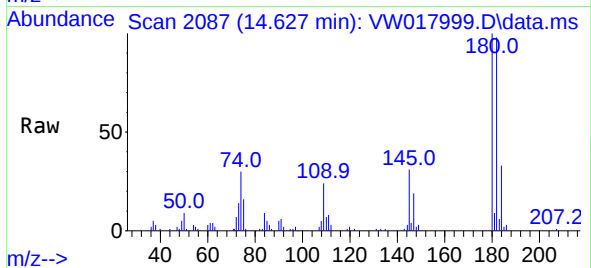




#67
1,3,5-Trichlorobenzene
Concen: 2.65 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

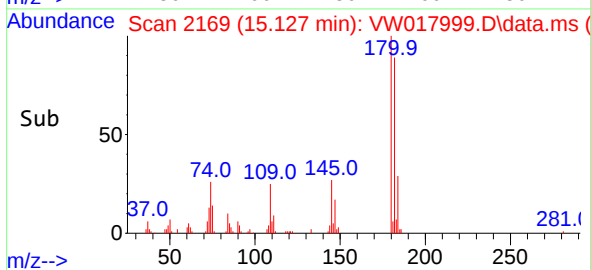
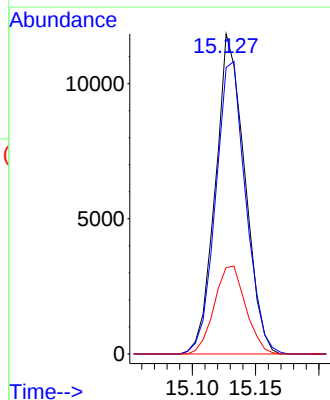
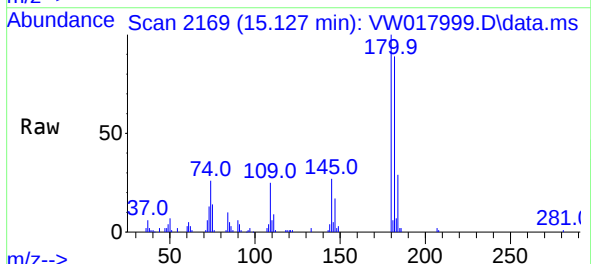
Instrument :
MSVOA_W
ClientSampleId :

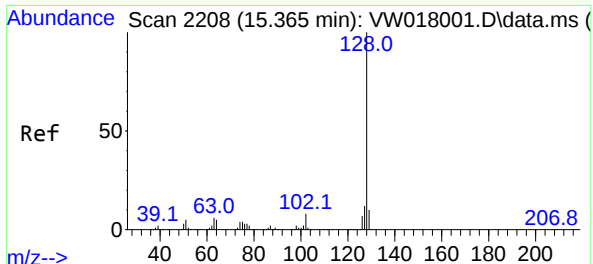
Tgt Ion:	180	Resp:	22602
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.0	115.6
184	31.1	24.2	36.4
145	30.7	23.5	35.3



#68
1,2,4-trichlorobenzene
Concen: 2.70 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

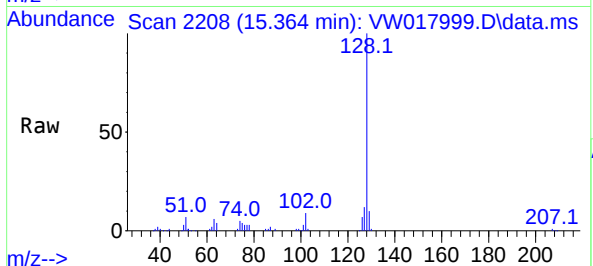
Tgt Ion:	180	Resp:	19051
Ion Ratio	Lower	Upper	
180	100		
182	94.0	71.3	106.9
145	29.4	24.0	36.0





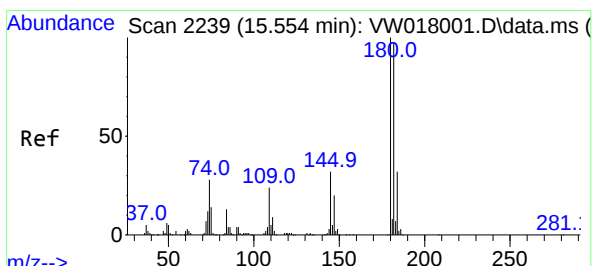
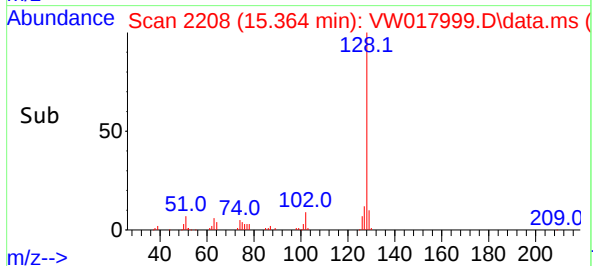
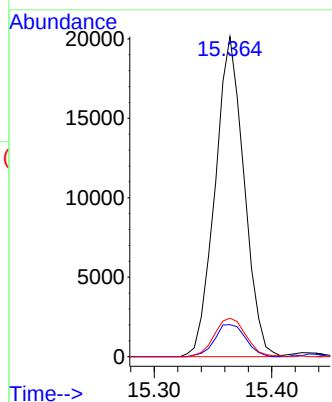
#69
Naphthalene
Concen: 2.51 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 34499

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.7	16.1



#70
1,2,3-Trichlorobenzene
Concen: 2.73 ug/L
RT: 15.553 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017999.D
Acq: 29 Jan 2021 14:08

Tgt Ion:180 Resp: 16717

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.7	112.1
145	31.6	25.4	38.0

