

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017923.D
 Acq On : 18 Jan 2021 12:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

Quant Time: Jan 19 06:47:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 12:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	443592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	420426	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	208611	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160468	23.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.20%		
7) Chloroethane-d5	2.885	69	137333	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.56%		
10) 1,1-Dichloroethene-d2	4.025	63	294263	23.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.60%		
20) 2-Butanone-d5	7.080	46	76633	45.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.02%		
24) Chloroform-d	7.647	84	301403	24.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.60%		
26) 1,2-Dichloroethane-d4	8.305	65	170425	24.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.56%		
29) Benzene-d6	8.275	84	578434	24.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.16%		
33) 1,2-Dichloropropane-d6	9.274	67	164403	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.04%		
37) Toluene-d8	10.323	98	546641	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.80%		
38) trans-1,3-Dichloroprop...	10.579	79	77841	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.56%		
39) 2-Hexanone-d5	10.927	63	56196	45.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.56%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	142704	23.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	181830	25.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.20%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	127285	23.70	ug/L	95
3) Chloromethane	2.209	50	112976	23.27	ug/L	100
5) Vinyl chloride	2.361	62	180190	24.34	ug/L	98
6) Bromomethane	2.776	94	140644	23.65	ug/L	98
8) Chloroethane	2.922	64	111362	24.22	ug/L	99
9) Trichlorofluoromethane	3.263	101	132506	23.61	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	149470	24.21	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	140738	24.18	ug/L	91
13) Acetone	4.129	43	50996	43.01	ug/L	92
14) Carbon disulfide	4.385	76	439132	24.37	ug/L	99
15) Methyl Acetate	4.666	43	64927	22.50	ug/L	95
16) Methylene chloride	4.915	84	153012	23.81	ug/L	94
17) Methyl tert-butyl Ether	5.421	73	193108	24.64	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	156612	24.87	ug/L	99
19) 1,1-Dichloroethane	6.214	63	267570	25.08	ug/L	97
21) 2-Butanone	7.171	43	81844	44.43	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	166859	25.29	ug/L	98
23) Bromochloromethane	7.513	128	76840	25.62	ug/L	92
25) Chloroform	7.677	83	287695	25.31	ug/L	99
27) 1,2-Dichloroethane	8.397	62	201202	25.66	ug/L	96

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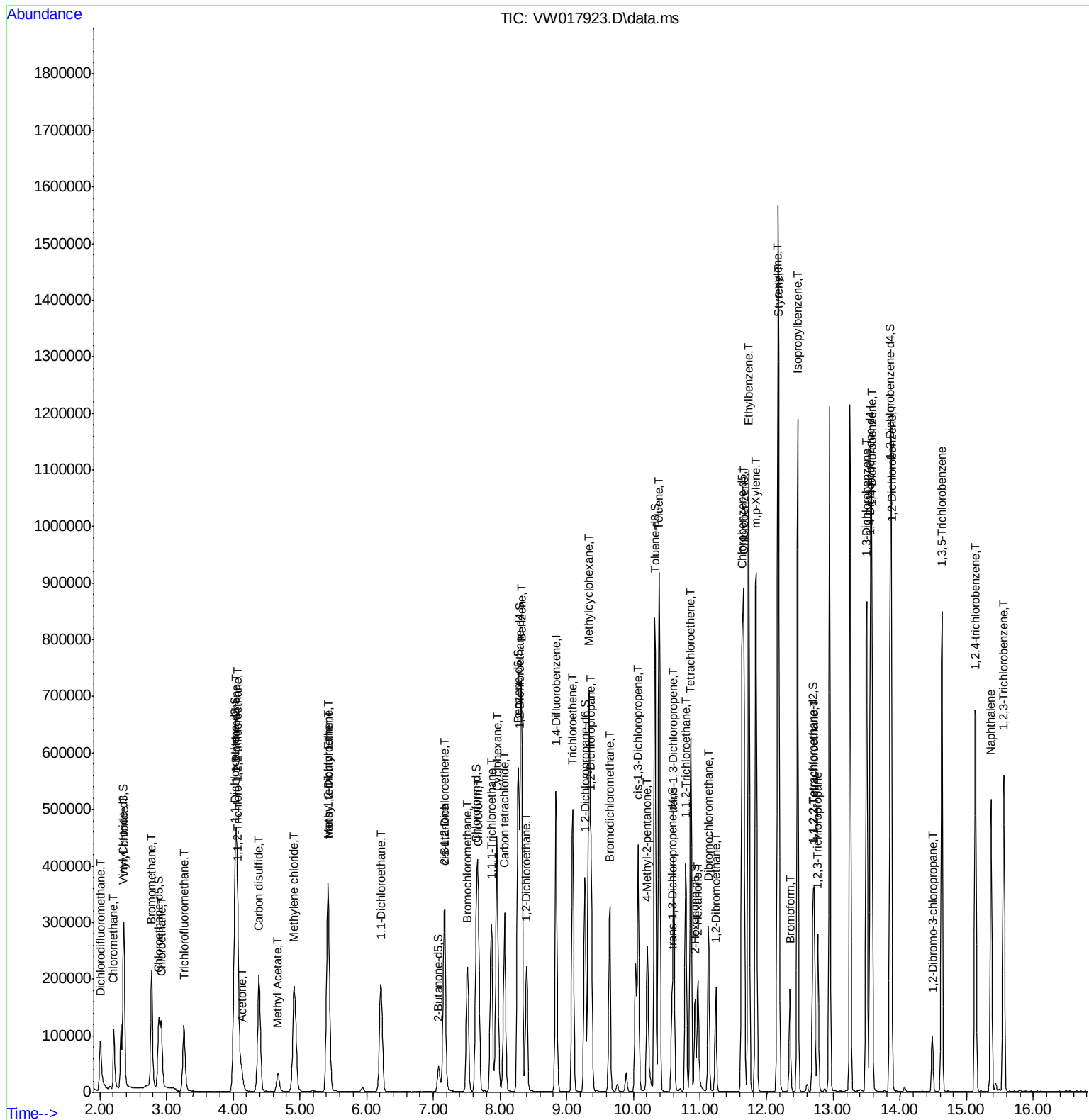
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	247186	23.93	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	233484	23.83	ug/L	98
32) Carbon tetrachloride	8.067	117	226972	24.23	ug/L	98
34) Benzene	8.323	78	605847	24.38	ug/L	100
35) Trichloroethene	9.092	95	166458	24.35	ug/L	95
36) Methylcyclohexane	9.335	83	287673	24.17	ug/L	99
40) 1,2-Dichloropropane	9.366	63	147474	24.52	ug/L	98
41) Bromodichloromethane	9.646	83	207737	25.03	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	242626	25.38	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	185474	45.88	ug/L	98
44) Toluene	10.384	91	675870	24.60	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	212707	25.47	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	116279	24.01	ug/L	98
47) Tetrachloroethene	10.860	164	130801	24.32	ug/L	98
49) 2-Hexanone	10.969	43	124987	45.27	ug/L	88
50) Dibromochloromethane	11.128	129	144034	24.92	ug/L	98
51) 1,2-Dibromoethane	11.238	107	117801	24.20	ug/L #	99
52) Chlorobenzene	11.658	112	440323	24.86	ug/L	95
53) Ethylbenzene	11.731	91	760097	24.50	ug/L	98
54) m,p-Xylene	11.841	106	294428	24.52	ug/L	91
55) o-xylene	12.164	106	281164	25.28	ug/L	95
56) Styrene	12.182	104	482908	25.61	ug/L	97
57) Isopropylbenzene	12.463	105	754391	24.39	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	141673	23.71	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	107133	23.71	ug/L	99
62) Bromoform	12.347	173	78041	26.23	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	337184	25.82	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	330598	25.18	ug/L	97
65) 1,2-Dichlorobenzene	13.871	146	297096	25.26	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.487	75	23405	23.74	ug/L	83
67) 1,3,5-Trichlorobenzene	14.627	180	230146	25.21	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	208917	26.81	ug/L	98
69) Naphthalene	15.365	128	421456	25.28	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	173427	25.53	ug/L	96

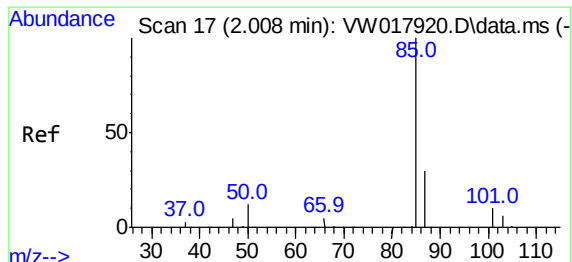
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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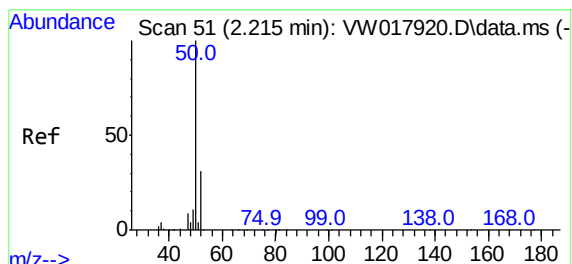
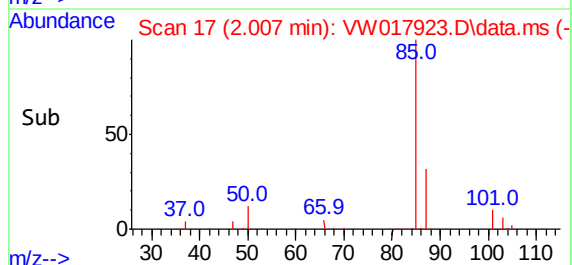
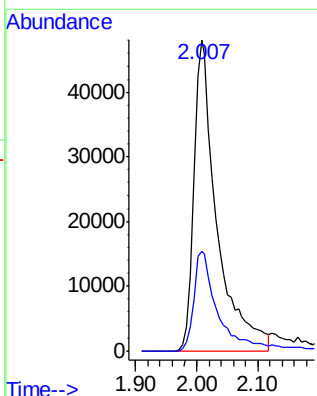
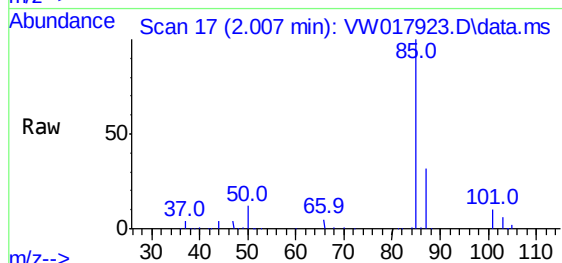




#2
Dichlorodifluoromethane
Concen: 23.70 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

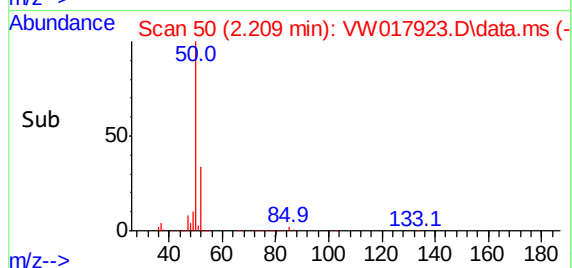
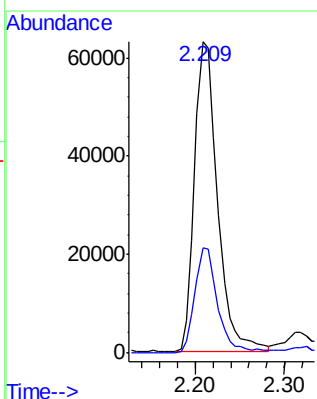
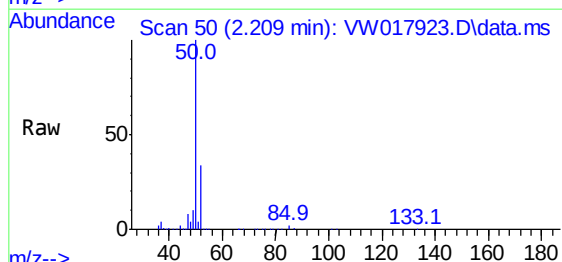
Instrument :
MSVOA_W
ClientSampled :
VICV01

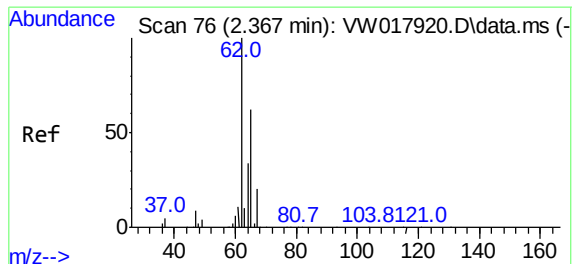
Tgt Ion: 85 Resp: 127285
Ion Ratio Lower Upper
85 100
87 30.3 23.2 43.0



#3
Chloromethane
Concen: 23.27 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 50 Resp: 112976
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6

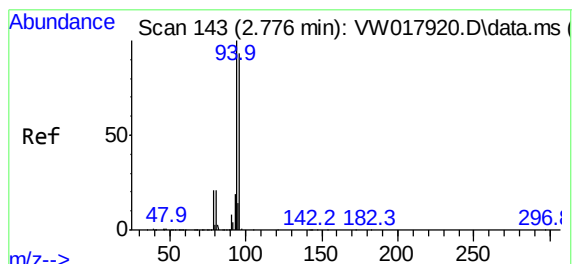
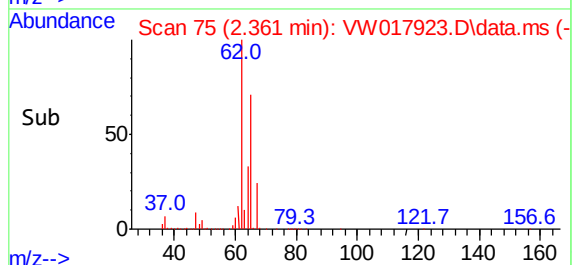
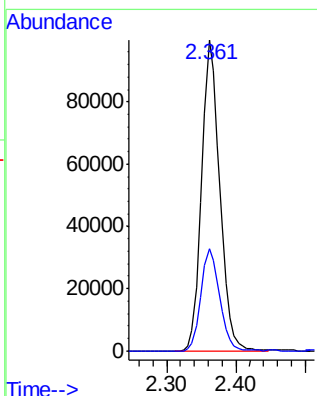
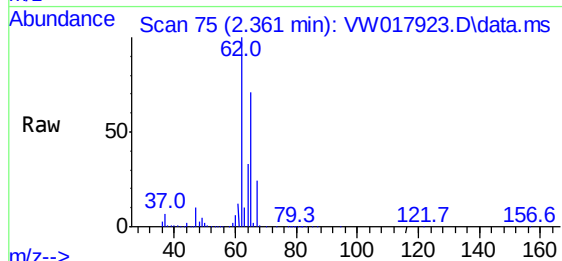




#5
 Vinyl chloride
 Concen: 24.34 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

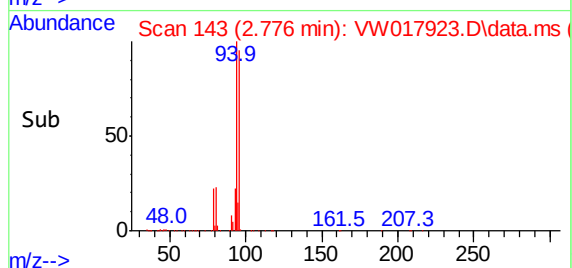
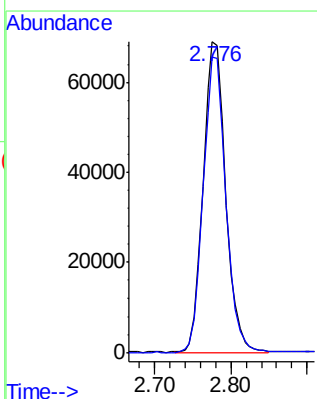
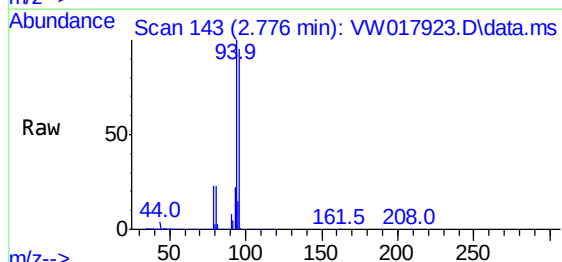
Instrument :
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 ClientSampled :
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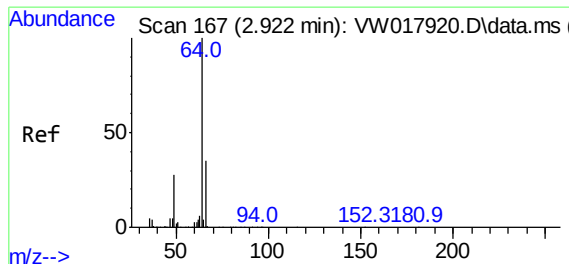
Tgt Ion: 62 Resp: 180190
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.9 44.5



#6
 Bromomethane
 Concen: 23.65 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

Tgt Ion: 94 Resp: 140644
 Ion Ratio Lower Upper
 94 100
 96 95.8 9.4 178.0

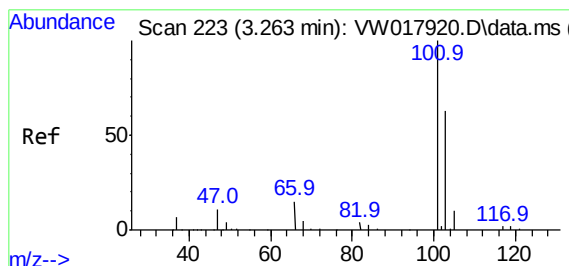
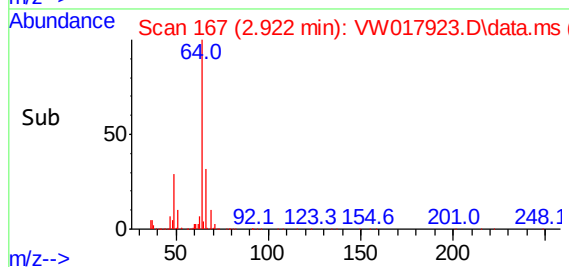
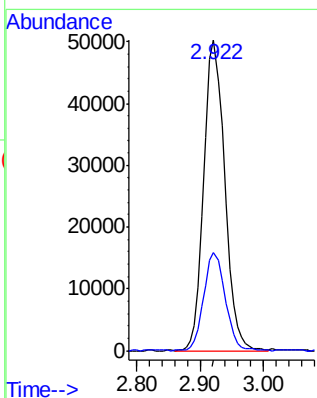
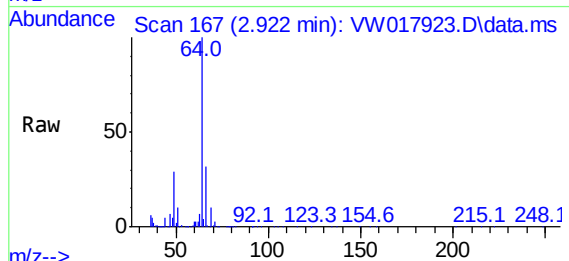




#8
Chloroethane
Concen: 24.22 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

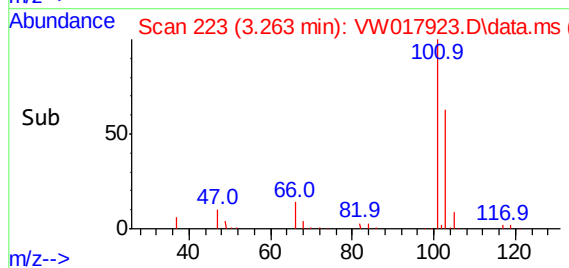
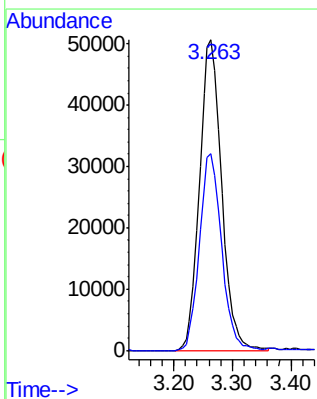
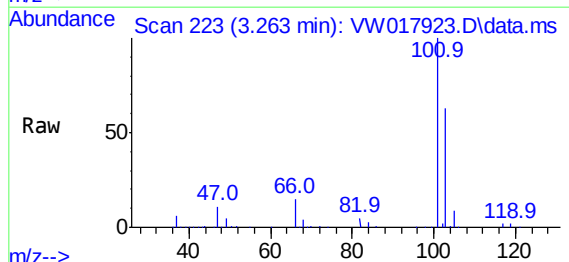
Instrument :
MSVOA_W
ClientSampled :
VICV01

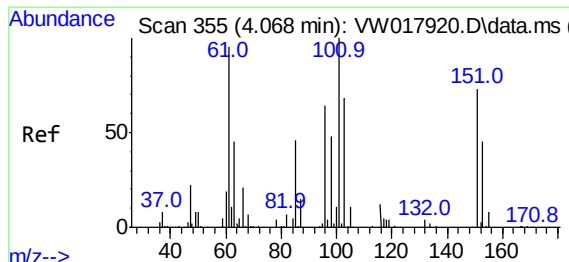
Tgt Ion: 64 Resp: 111362
Ion Ratio Lower Upper
64 100
66 31.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.61 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion:101 Resp: 132506
Ion Ratio Lower Upper
101 100
103 63.3 45.0 83.6

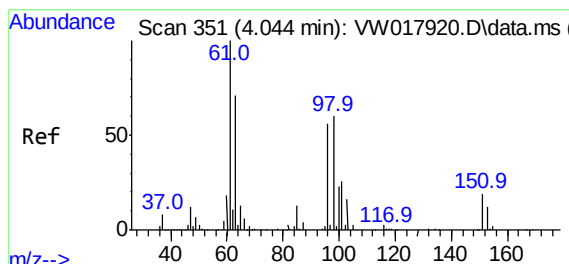
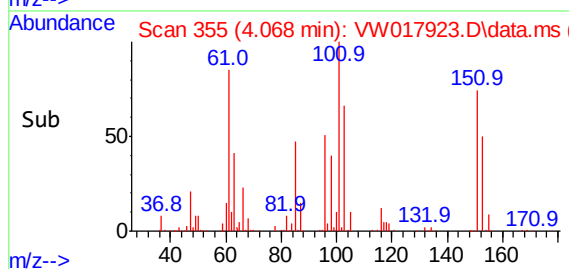
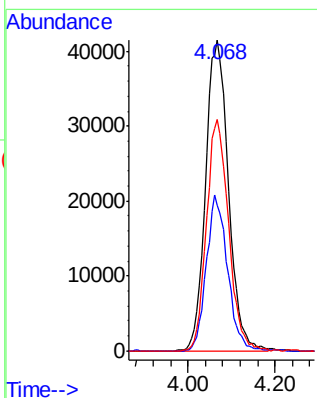
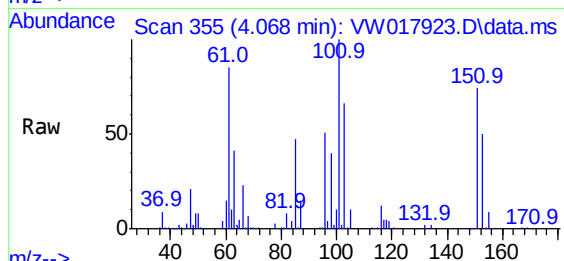




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.21 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

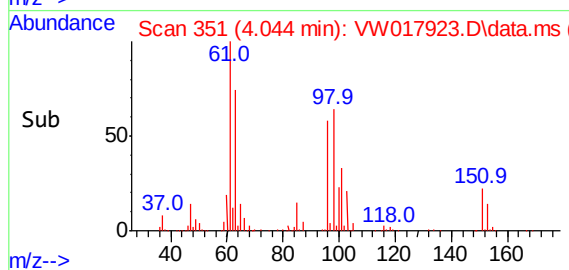
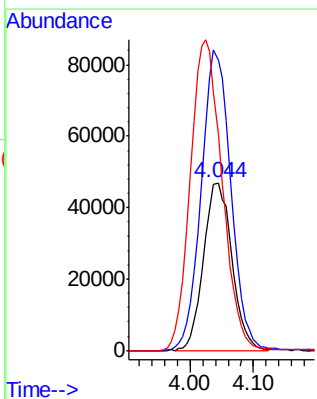
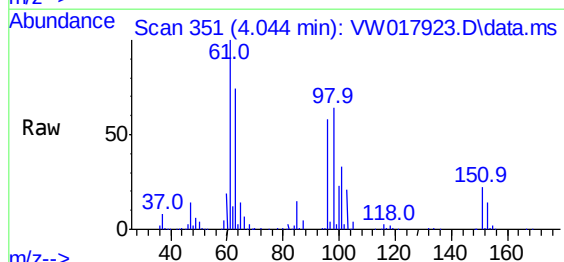
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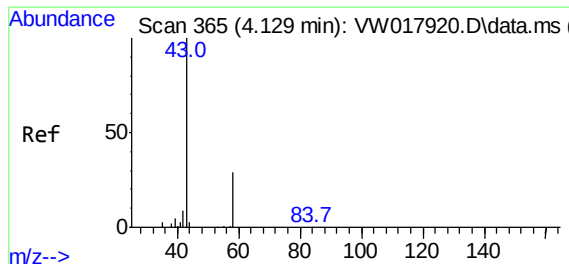
Tgt Ion:101 Resp: 149470
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.2 51.4
 151 72.1 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 24.18 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

Tgt Ion: 96 Resp: 140738
 Ion Ratio Lower Upper
 96 100
 61 173.4 112.5 208.9
 63 128.5 83.1 154.3

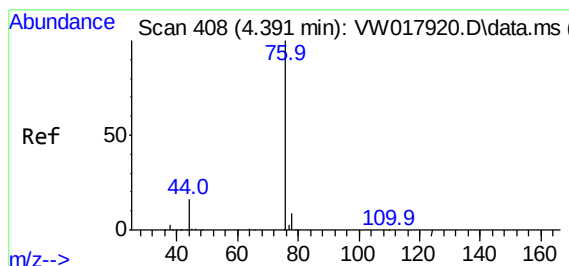
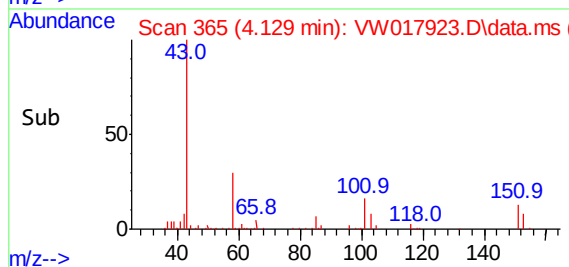
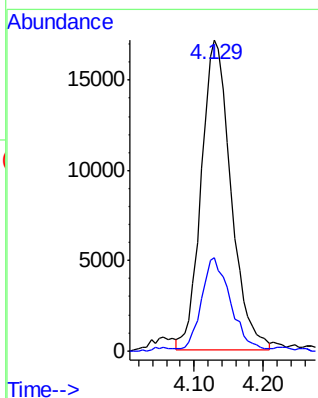
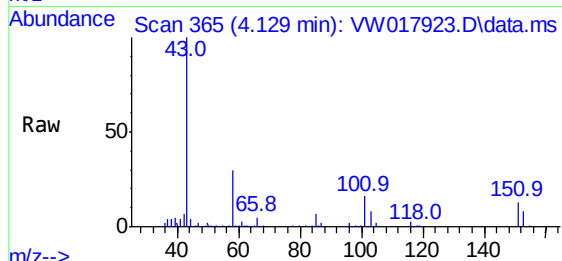




#13
Acetone
Concen: 43.01 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

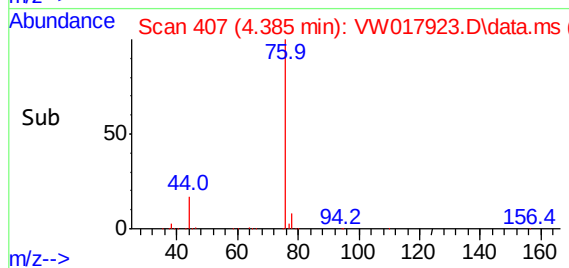
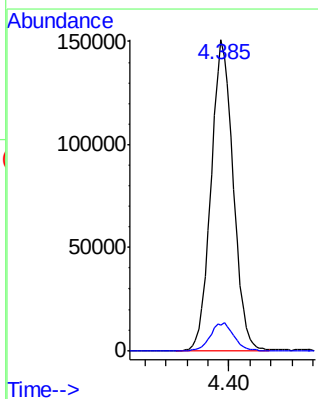
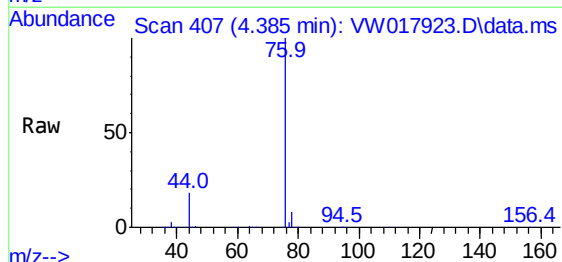
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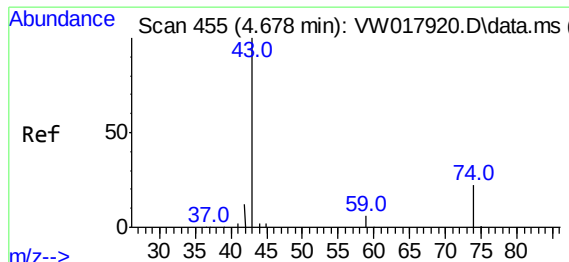
Tgt Ion: 43 Resp: 50996
Ion Ratio Lower Upper
43 100
58 29.5 0.0 68.4



#14
Carbon disulfide
Concen: 24.37 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 439132
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

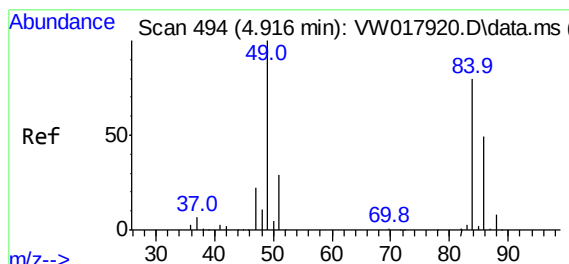
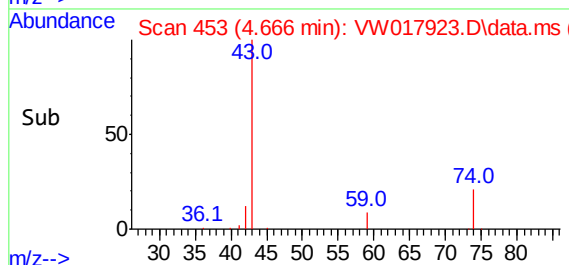
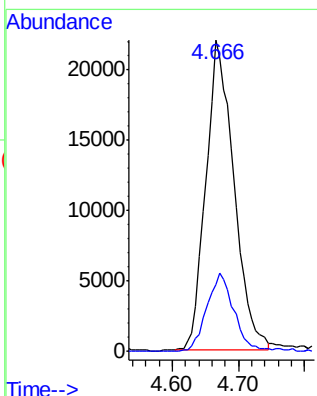
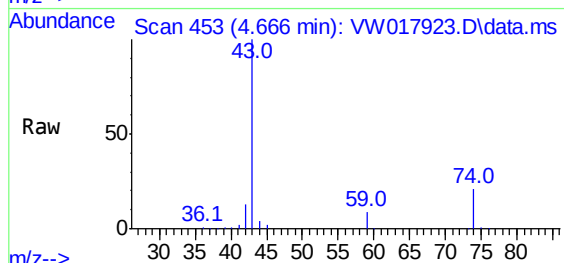




#15
Methyl Acetate
Concen: 22.50 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.012 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

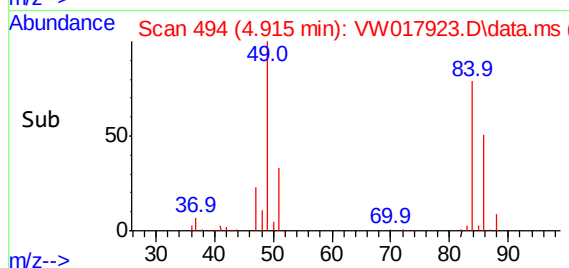
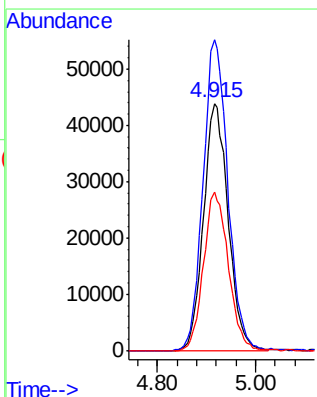
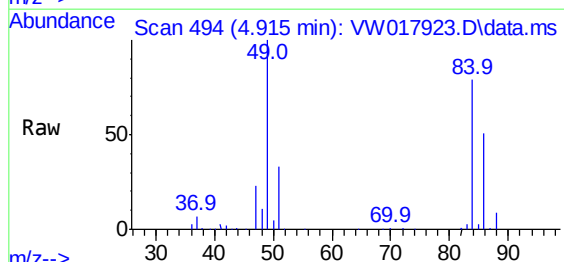
Instrument :
MSVOA_W
ClientSampled :
VICV01

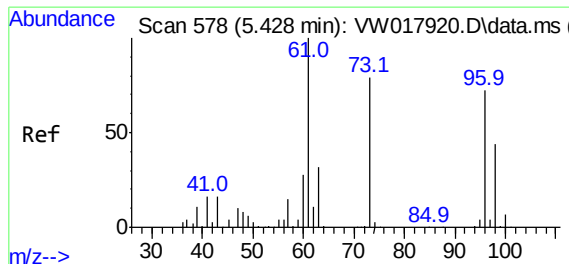
Tgt Ion: 43 Resp: 64927
Ion Ratio Lower Upper
43 100
74 23.6 20.7 31.1



#16
Methylene chloride
Concen: 23.81 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 84 Resp: 153012
Ion Ratio Lower Upper
84 100
49 125.8 81.2 150.8
86 64.4 44.5 82.7



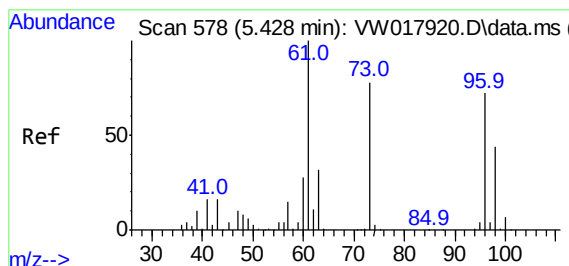
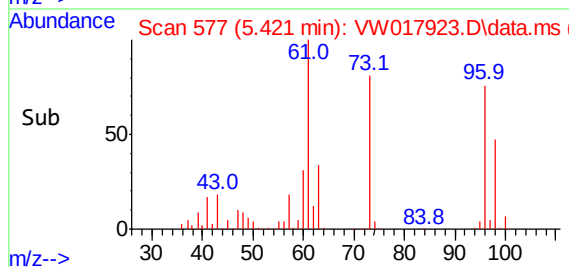
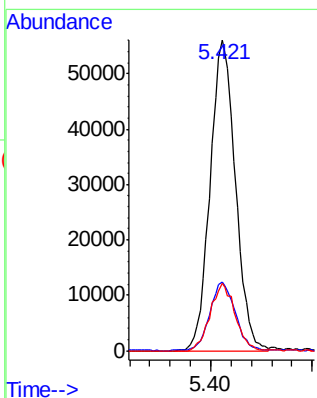
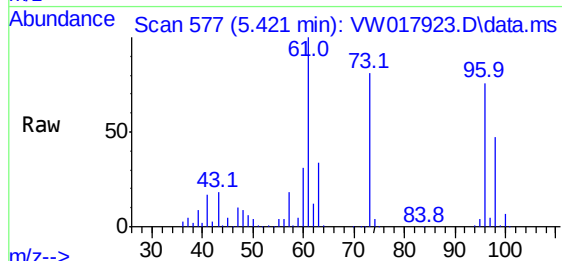


#17
Methyl tert-butyl Ether
Concen: 24.64 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Instrument :
MSVOA_W
ClientSampled :
VICV01

Tgt Ion: 73 Resp: 193108

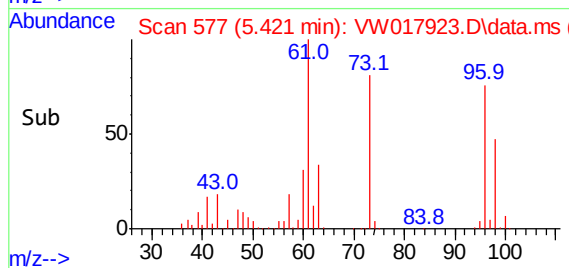
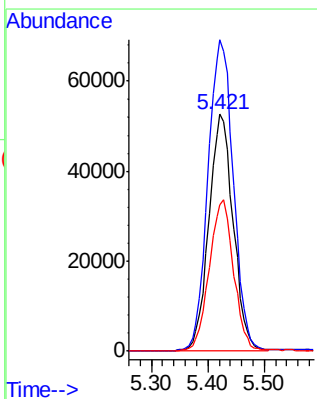
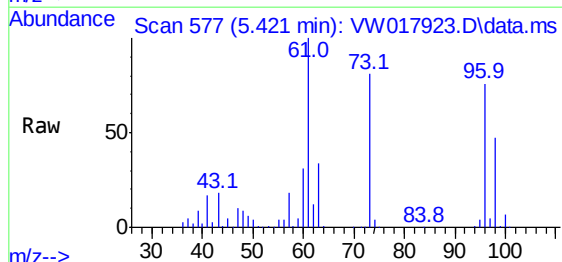
Ion	Ratio	Lower	Upper
73	100		
43	22.5	16.2	24.4
57	21.3	17.2	25.8

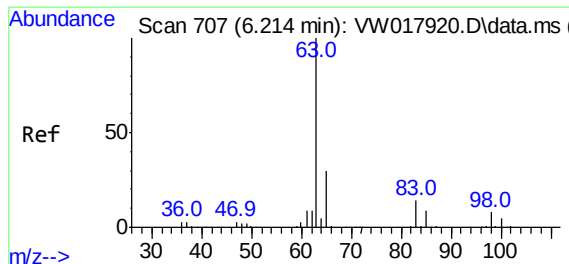


#18
trans-1,2-Dichloroethene
Concen: 24.87 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 96 Resp: 156612

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.7	172.1
98	61.9	43.3	80.3

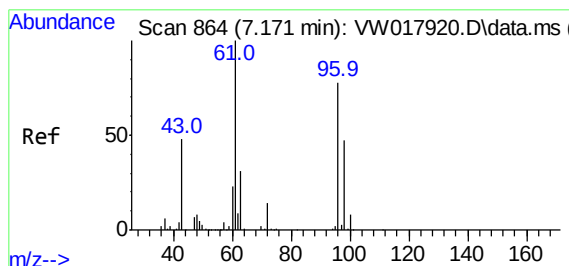
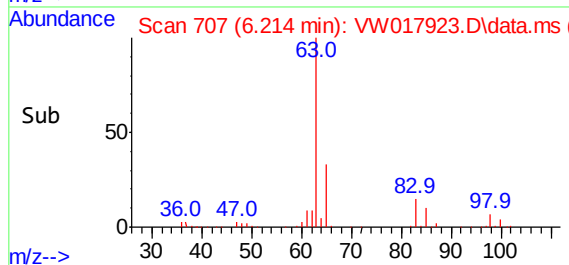
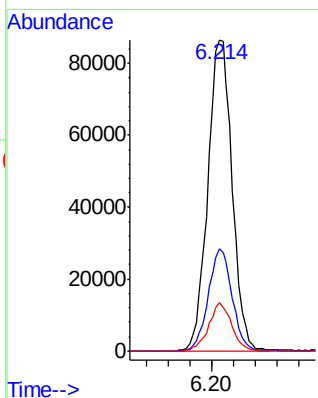
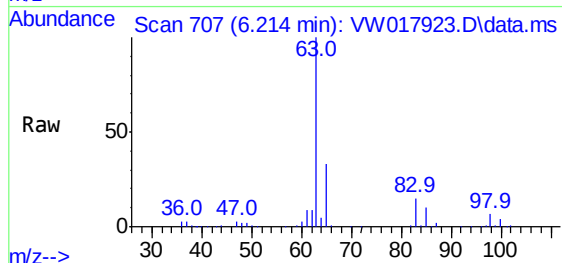




#19
1,1-Dichloroethane
Concen: 25.08 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

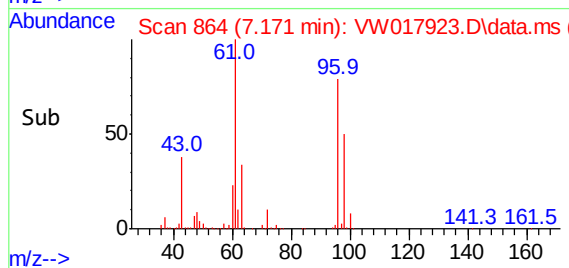
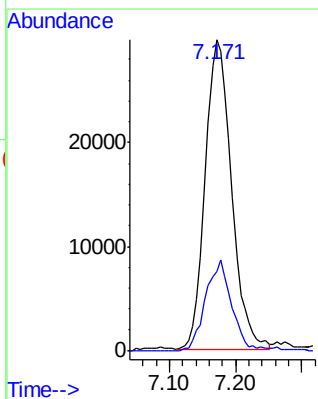
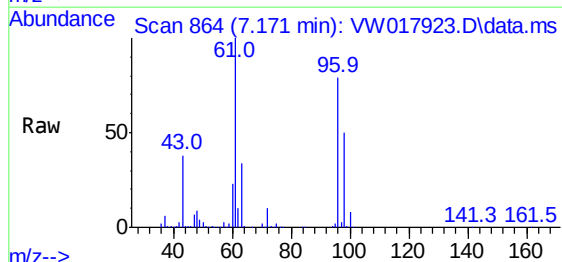
Instrument :
MSVOA_W
ClientSampleId :
VICV01

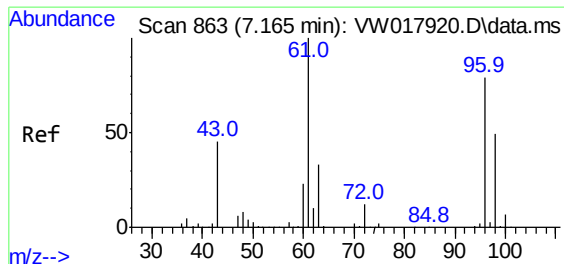
Tgt Ion: 63 Resp: 267570
Ion Ratio Lower Upper
63 100
65 32.7 21.9 40.7
83 15.4 9.4 17.6



#21
2-Butanone
Concen: 44.43 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 43 Resp: 81844
Ion Ratio Lower Upper
43 100
72 28.5 14.4 43.2

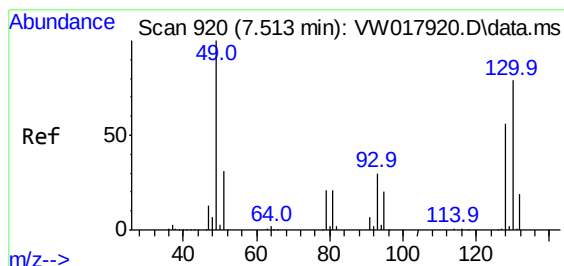
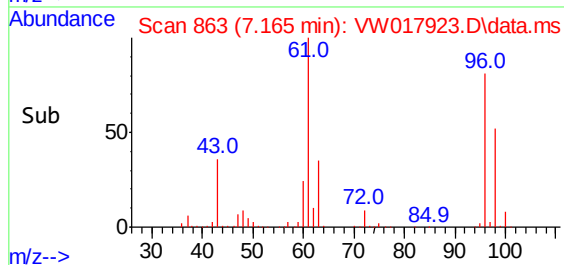
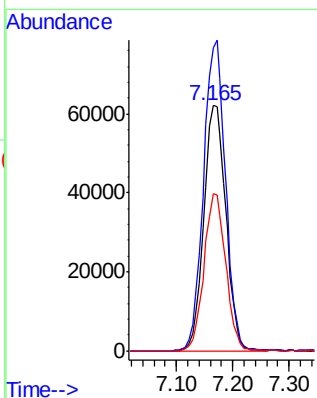
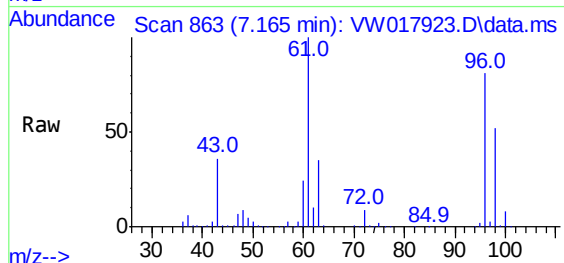




#22
cis-1,2-Dichloroethene
Concen: 25.29 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

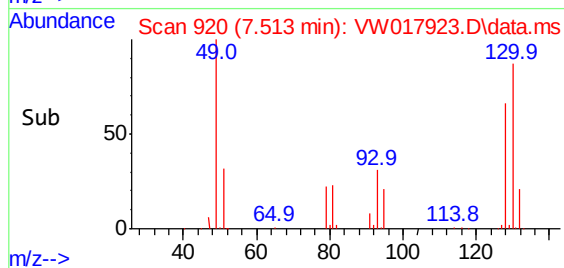
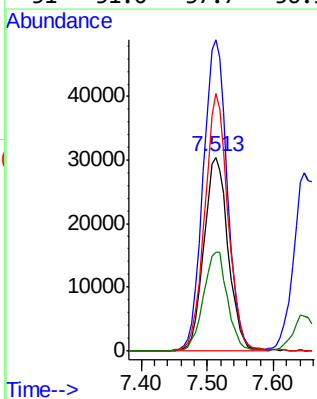
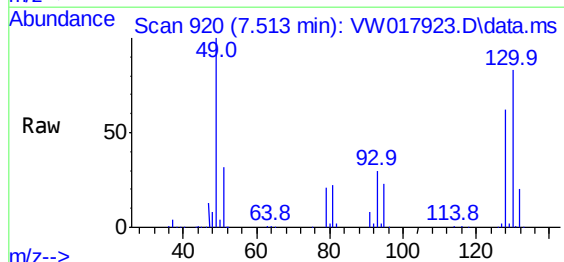
Instrument :
MSVOA_W
ClientSampleId :
VICV01

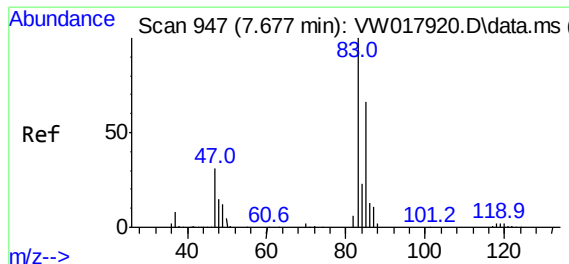
Tgt Ion: 96 Resp: 166859
Ion Ratio Lower Upper
96 100
61 123.5 84.6 157.2
98 64.1 44.7 82.9



#23
Bromochloromethane
Concen: 25.62 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 128 Resp: 76840
Ion Ratio Lower Upper
128 100
49 160.5 101.6 188.6
130 133.1 90.4 167.8
51 51.0 37.7 56.5

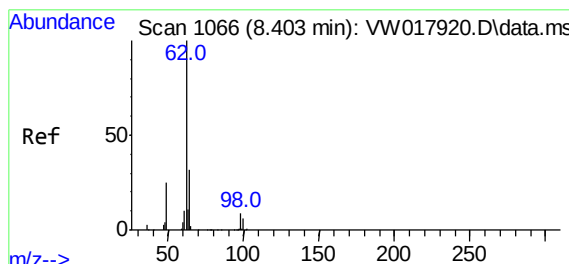
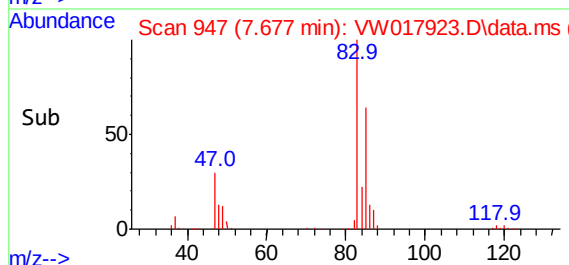
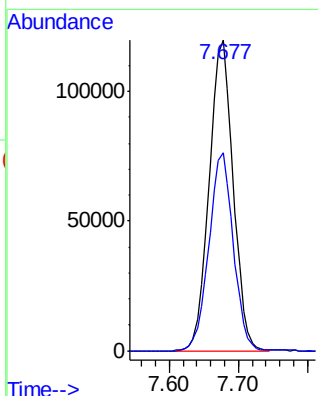
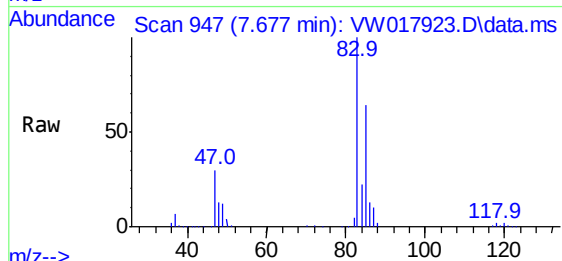




#25
Chloroform
Concen: 25.31 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

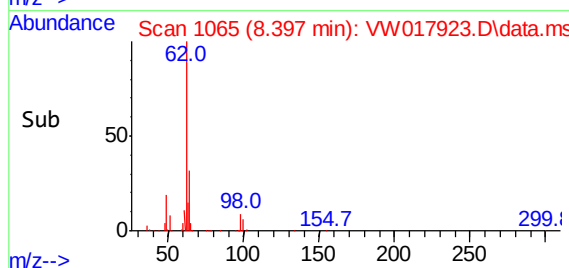
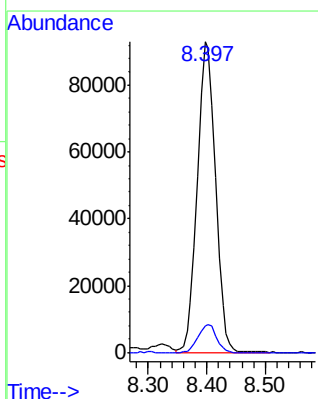
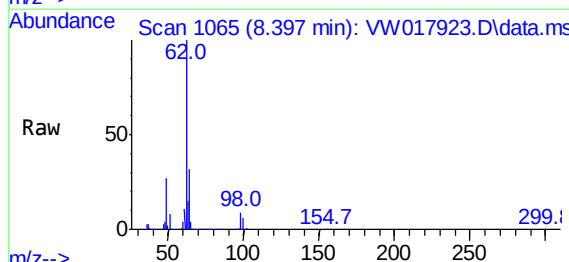
Instrument :
MSVOA_W
ClientSampled :
VICV01

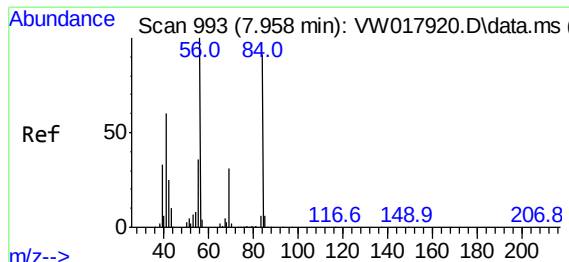
Tgt Ion: 83 Resp: 287695
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.66 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 62 Resp: 201202
Ion Ratio Lower Upper
62 100
98 8.6 8.0 12.0

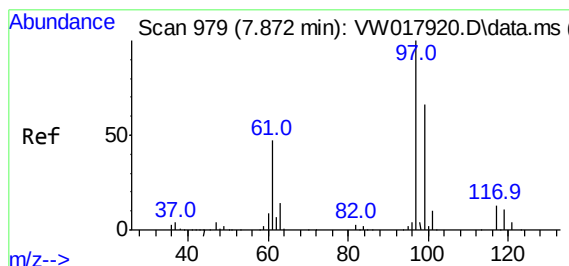
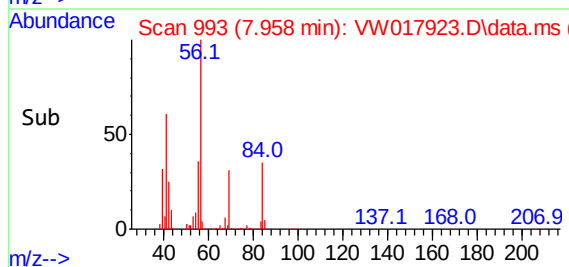
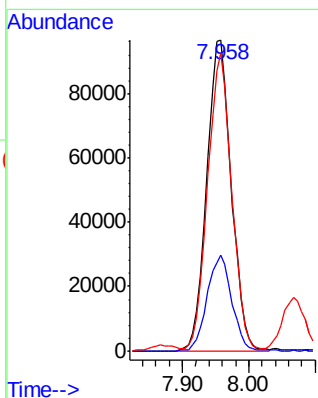
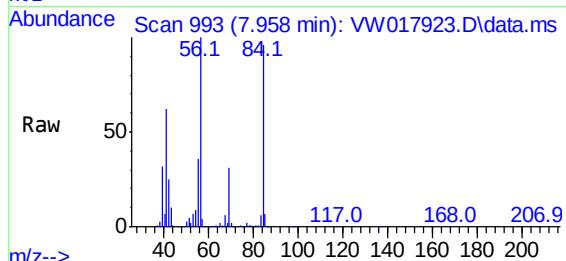




#30
Cyclohexane
Concen: 23.93 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

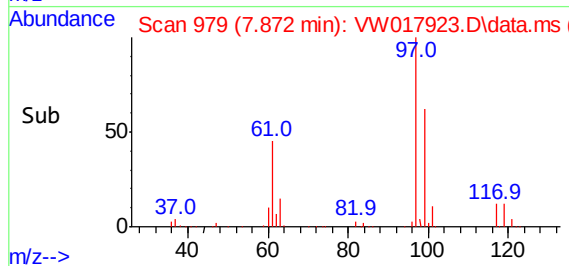
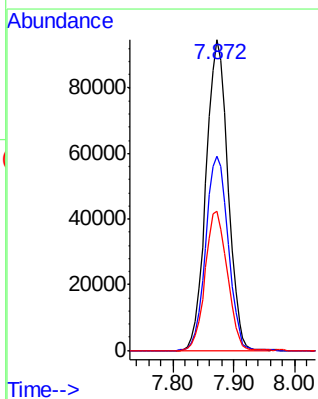
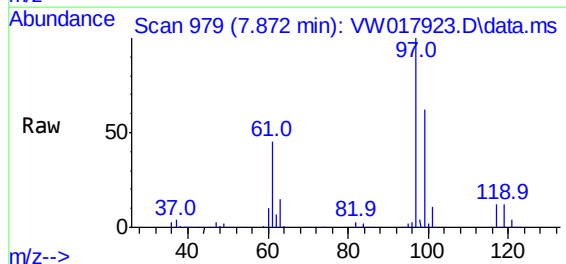
Instrument :
MSVOA_W
ClientSampled :
VICV01

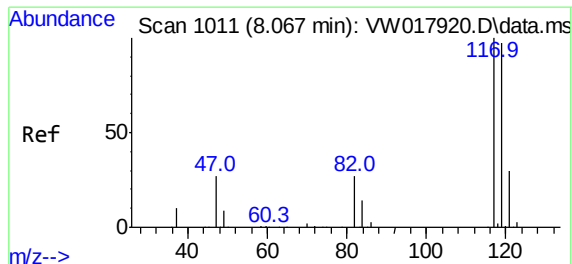
Tgt Ion: 56 Resp: 247186
Ion Ratio Lower Upper
56 100
69 30.9 24.8 37.2
84 93.8 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 23.83 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 97 Resp: 233484
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 45.4 33.6 50.4

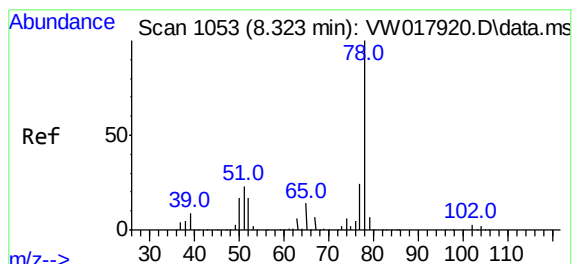
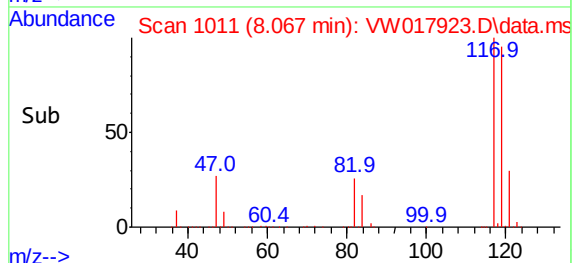
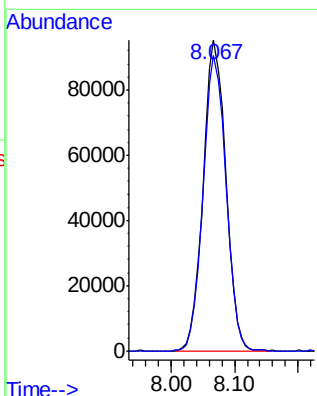
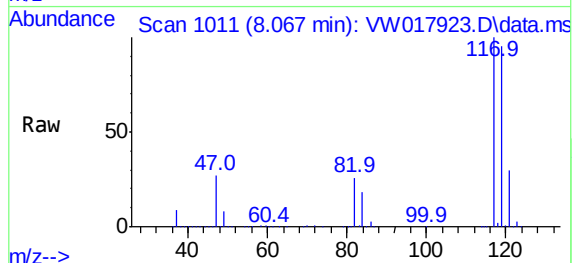




#32
Carbon tetrachloride
Concen: 24.23 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

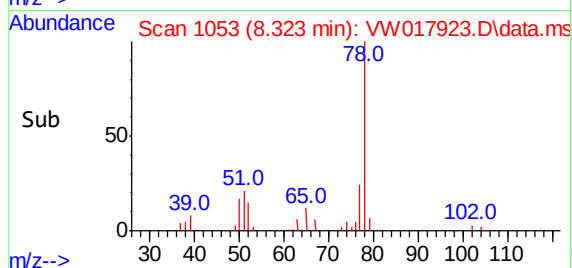
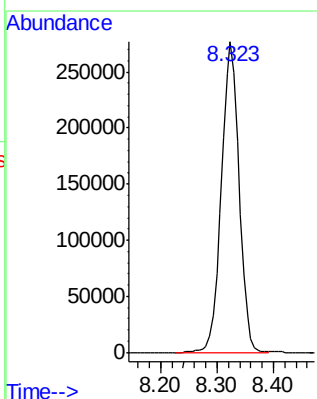
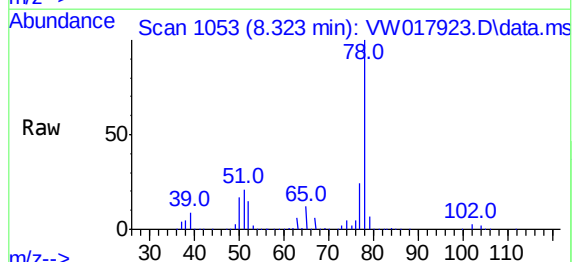
Instrument :
MSVOA_W
ClientSampled :
VICV01

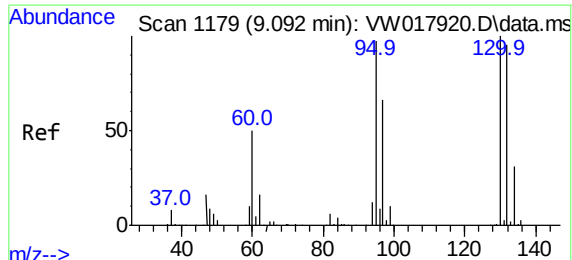
Tgt Ion:117 Resp: 226972
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8



#34
Benzene
Concen: 24.38 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 78 Resp: 605847



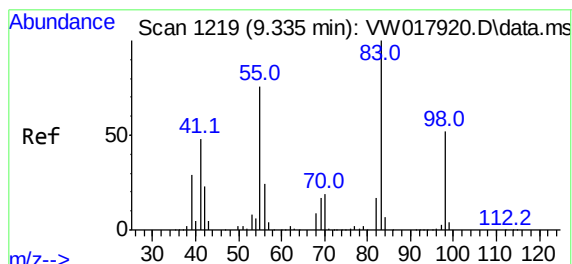
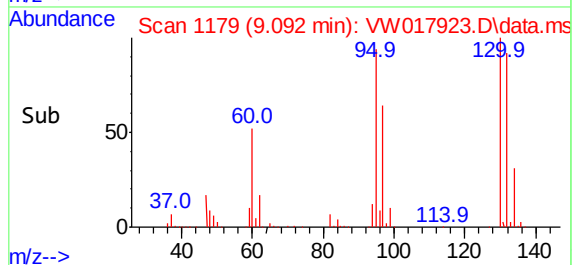
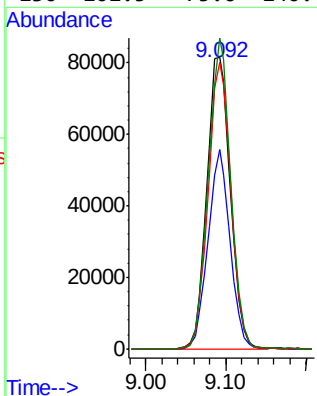
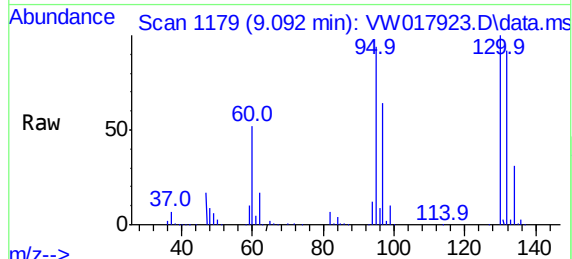


#35
Trichloroethene
Concen: 24.35 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Instrument :
MSVOA_W
ClientSampleId :
VICV01

Tgt Ion: 95 Resp: 166458

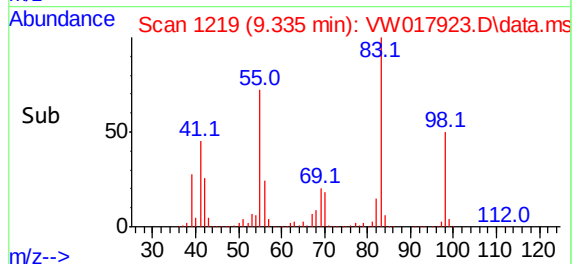
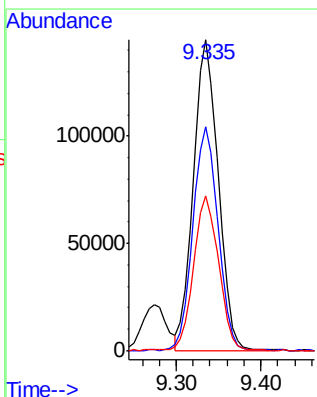
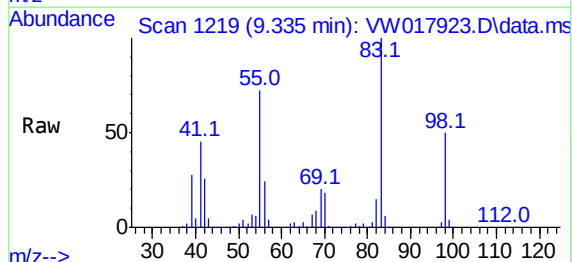
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.0	83.6
132	95.3	71.0	131.8
130	101.5	75.6	140.4

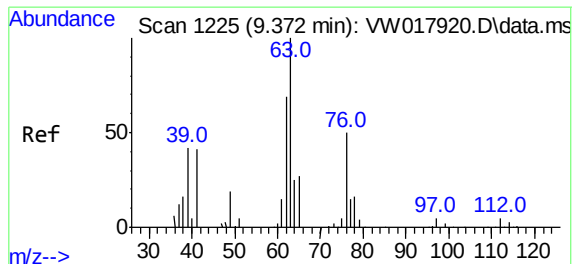


#36
Methylcyclohexane
Concen: 24.17 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 83 Resp: 287673

Ion	Ratio	Lower	Upper
83	100		
55	73.0	59.4	89.0
98	50.1	40.7	61.1

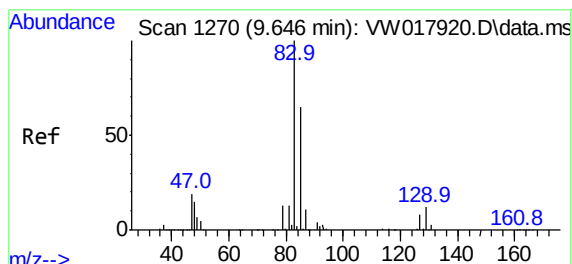
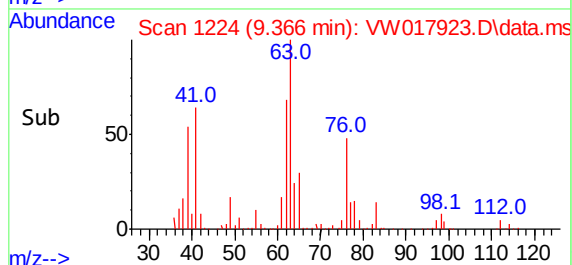
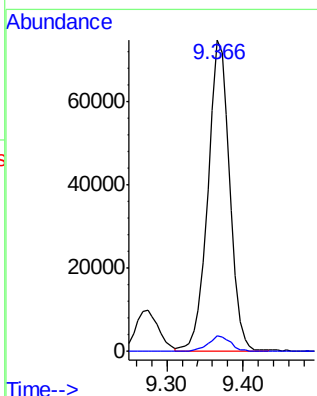
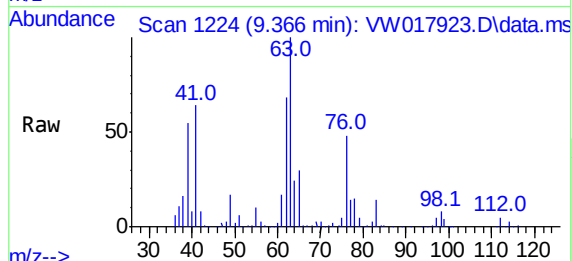




#40
1,2-Dichloropropane
Concen: 24.52 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

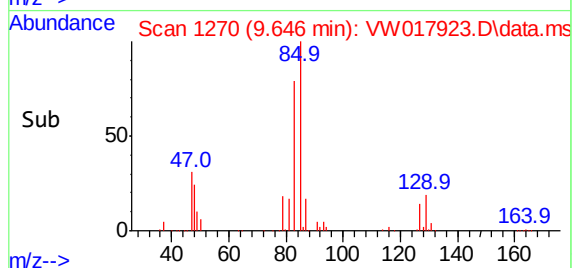
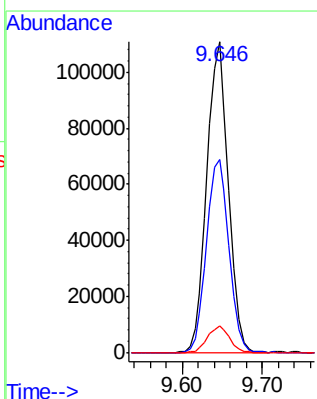
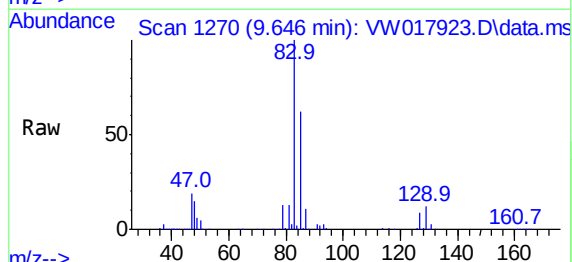
Instrument :
MSVOA_W
ClientSampleId :
VICV01

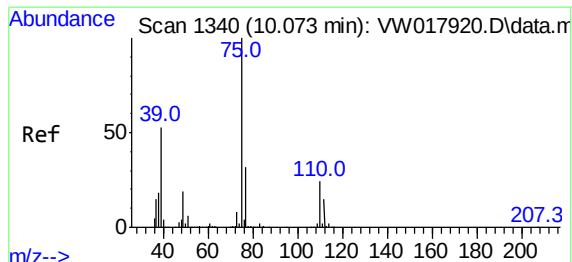
Tgt Ion: 63 Resp: 147474
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.03 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 83 Resp: 207737
Ion Ratio Lower Upper
83 100
85 62.2 46.8 86.8
127 8.6 7.6 11.4

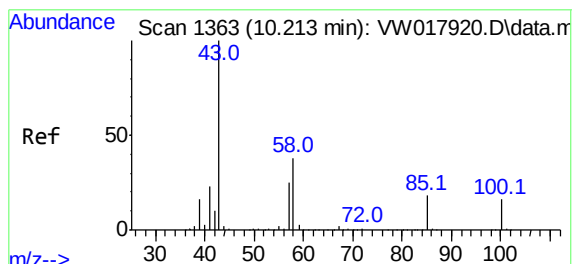
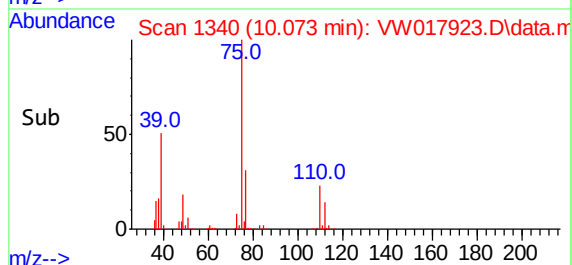
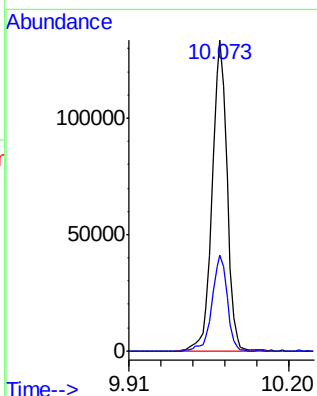
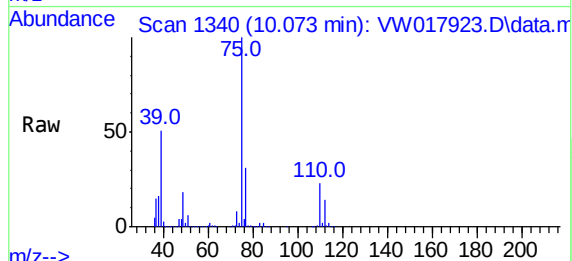




#42
cis-1,3-Dichloropropene
Concen: 25.38 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

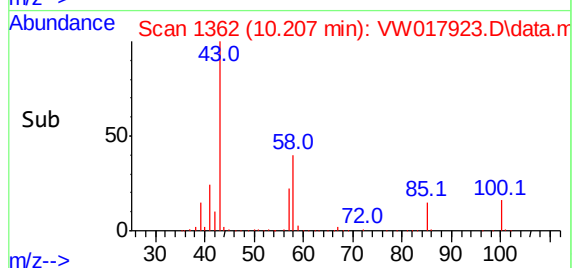
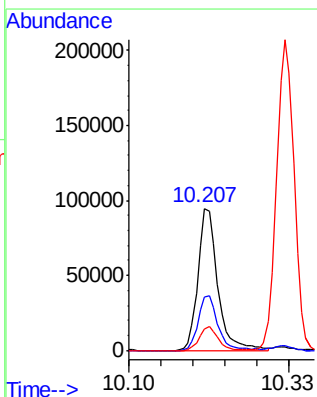
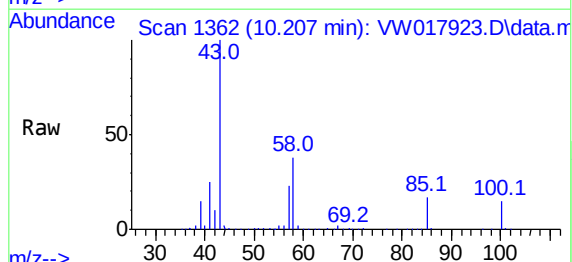
Instrument :
MSVOA_W
ClientSampled :
VICV01

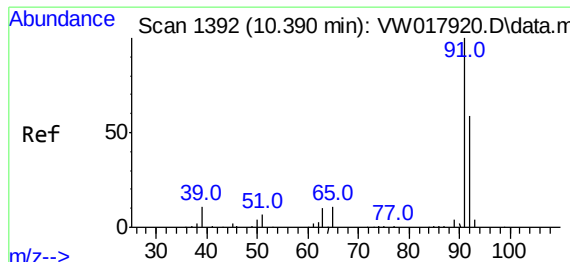
Tgt Ion: 75 Resp: 242626
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 45.88 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 43 Resp: 185474
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4
100 16.3 14.1 21.1





#44

Toluene

Concen: 24.60 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW017923.D

Acq: 18 Jan 2021 12:20

Instrument :

MSVOA_W

ClientSampled :

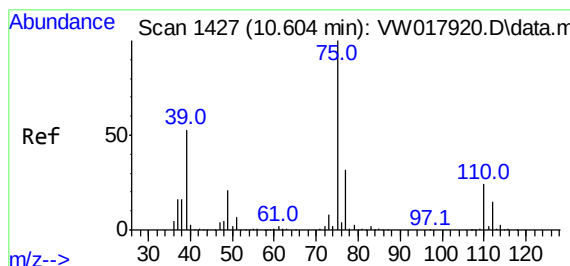
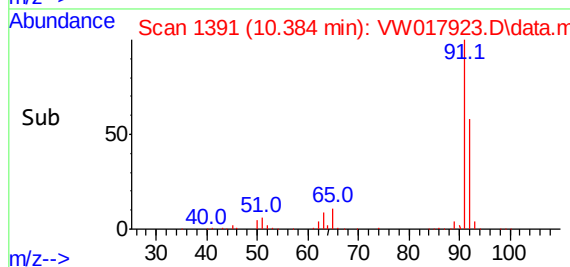
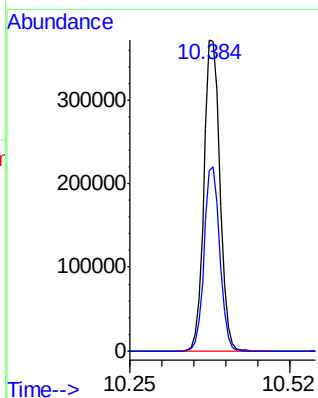
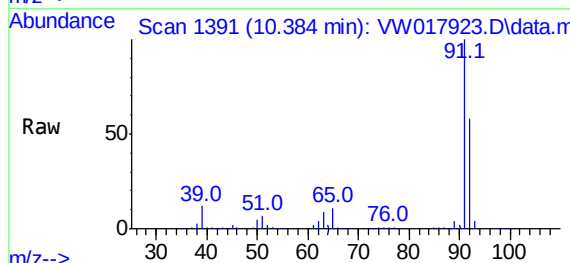
VICV01

Tgt Ion: 91 Resp: 675870

Ion Ratio Lower Upper

91 100

92 57.9 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 25.47 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW017923.D

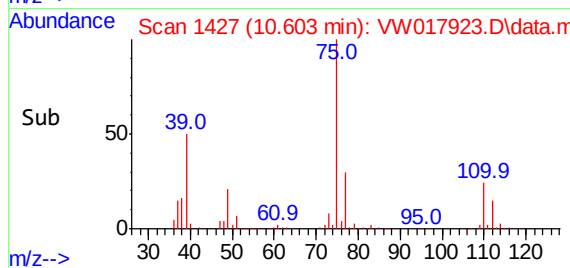
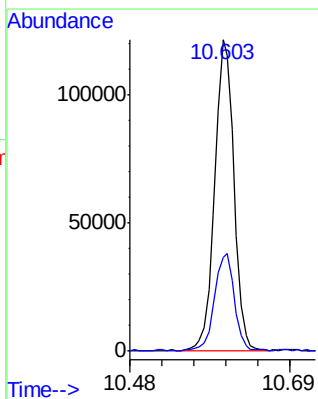
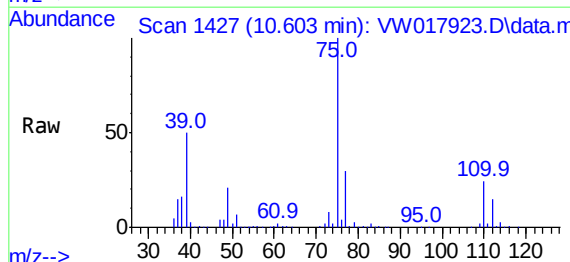
Acq: 18 Jan 2021 12:20

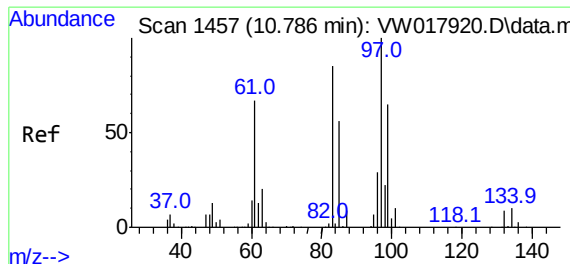
Tgt Ion: 75 Resp: 212707

Ion Ratio Lower Upper

75 100

77 29.8 22.6 42.0



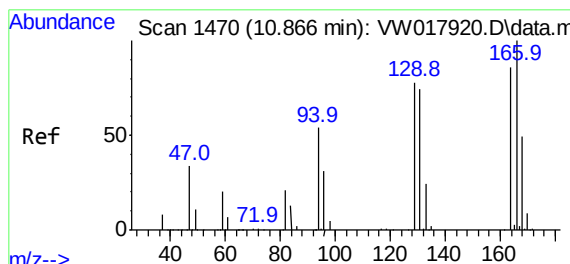
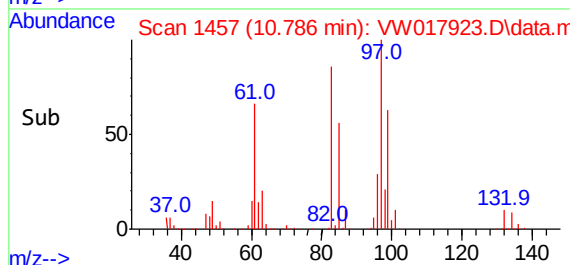
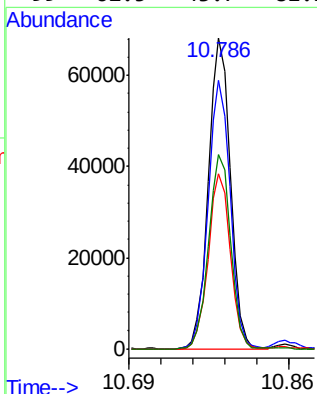
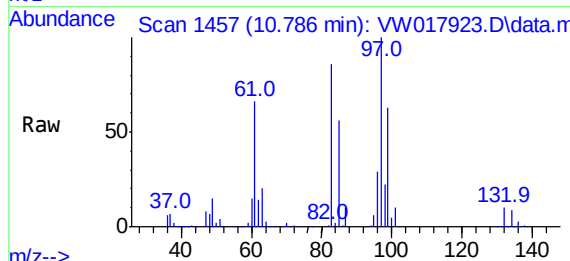


#46
1,1,2-Trichloroethane
Concen: 24.01 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Instrument :
MSVOA_W
ClientSampleId :
VICV01

Tgt Ion: 97 Resp: 116279

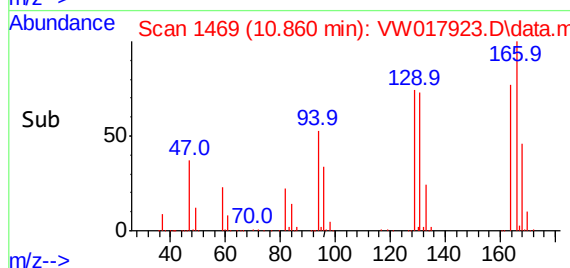
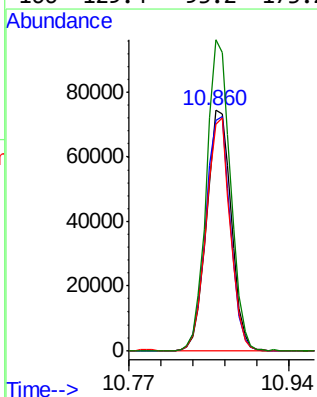
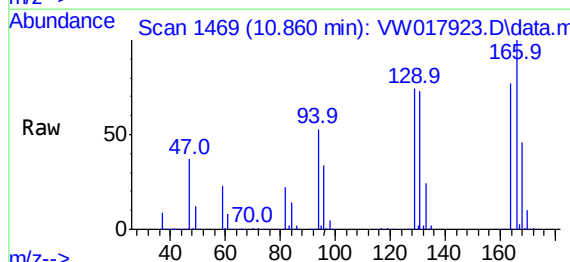
Ion	Ratio	Lower	Upper
97	100		
83	86.4	58.5	108.7
85	56.5	37.8	70.2
99	62.5	43.7	81.1

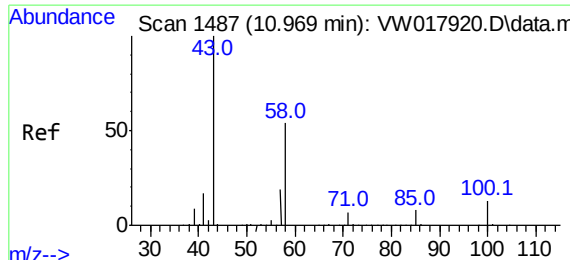


#47
Tetrachloroethene
Concen: 24.32 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 164 Resp: 130801

Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.6	125.6
131	94.3	65.2	121.2
166	129.4	93.2	173.2



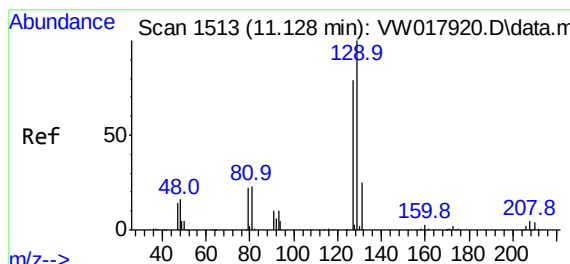
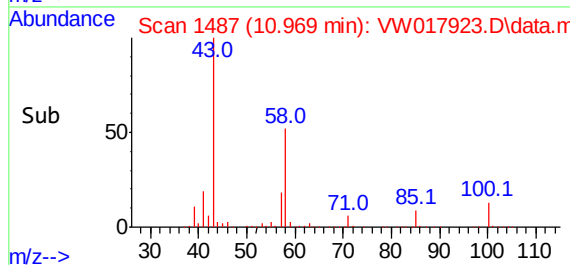
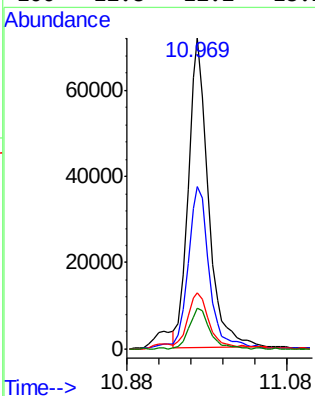
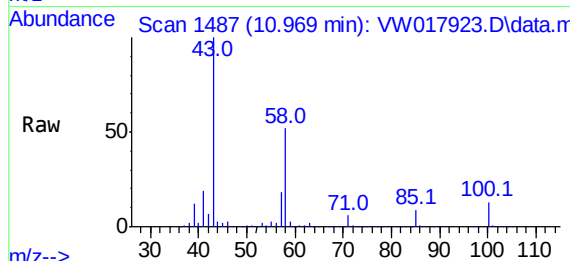


#49
2-Hexanone
Concen: 45.27 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Instrument :
MSVOA_W
ClientSampleId :
VICV01

Tgt Ion: 43 Resp: 124987

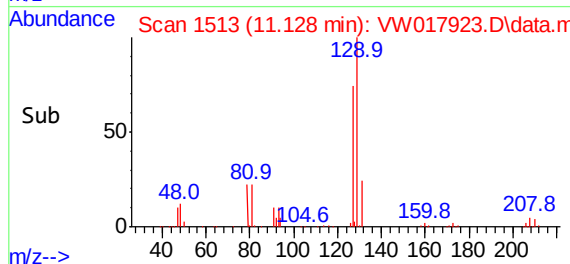
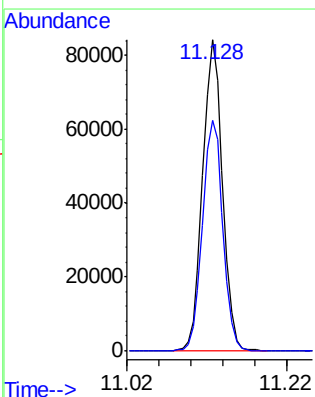
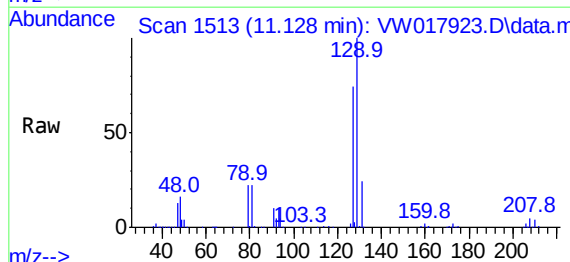
Ion	Ratio	Lower	Upper
43	100		
58	51.8	51.3	76.9
57	20.1	15.0	22.6
100	12.8	12.2	18.2

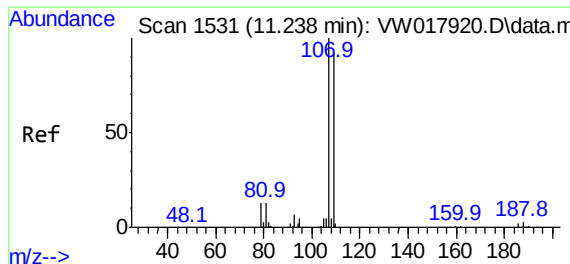


#50
Dibromochloromethane
Concen: 24.92 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 129 Resp: 144034

Ion	Ratio	Lower	Upper
129	100		
127	74.0	53.2	98.8

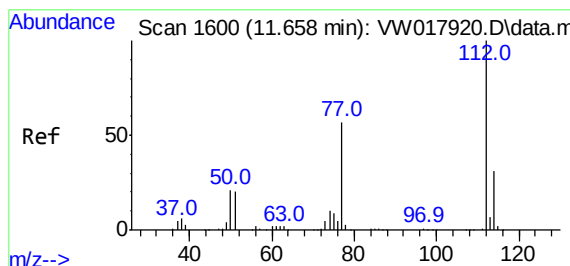
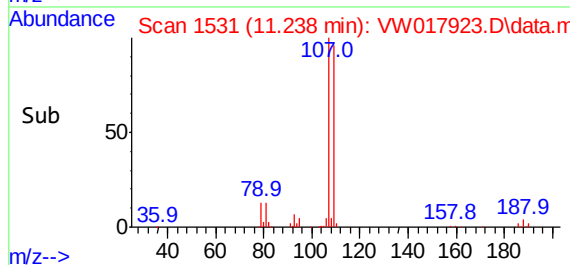
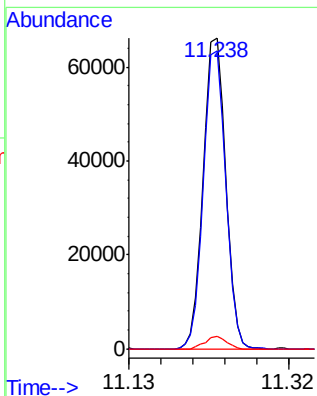
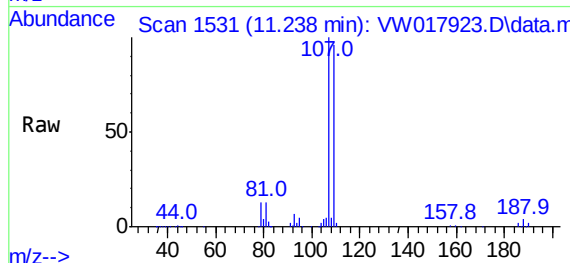




#51
1,2-Dibromoethane
Concen: 24.20 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

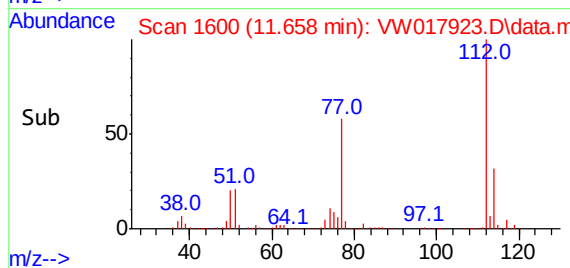
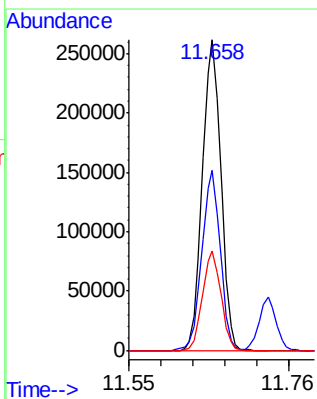
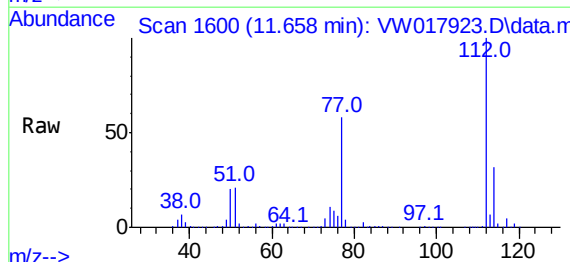
Instrument :
MSVOA_W
ClientSampleId :
VICV01

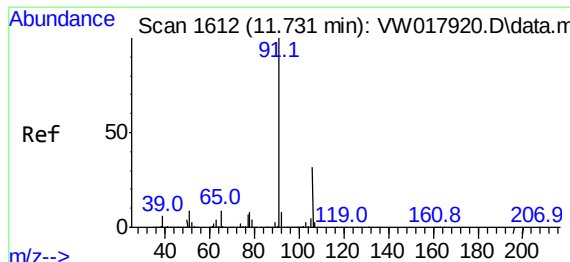
Tgt Ion:107 Resp: 117801
Ion Ratio Lower Upper
107 100
109 96.0 66.4 123.2
188 3.9 4.0 6.0#



#52
Chlorobenzene
Concen: 24.86 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion:112 Resp: 440323
Ion Ratio Lower Upper
112 100
77 57.9 42.6 64.0
114 31.9 21.6 40.2

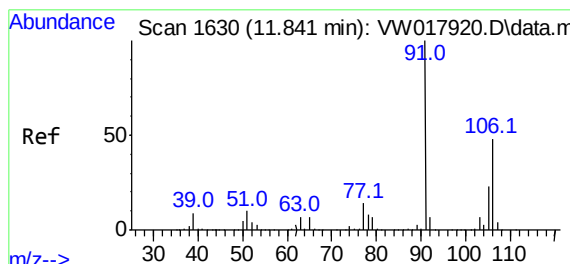
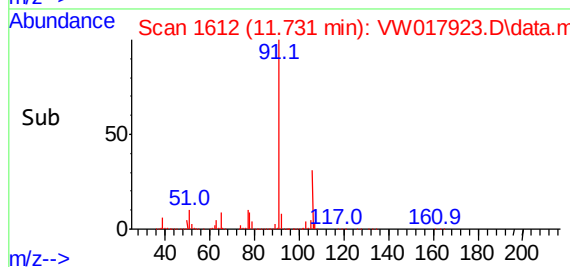
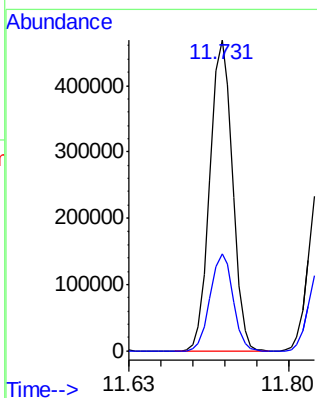
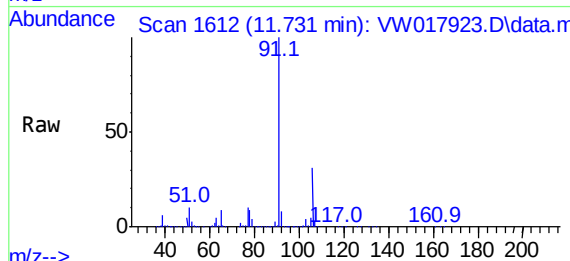




#53
Ethylbenzene
Concen: 24.50 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

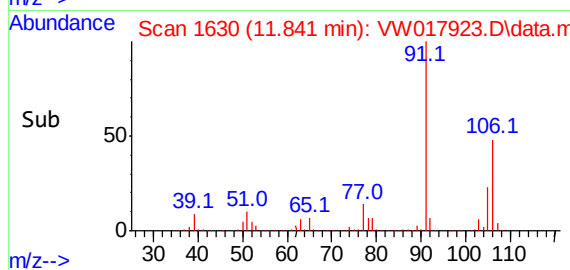
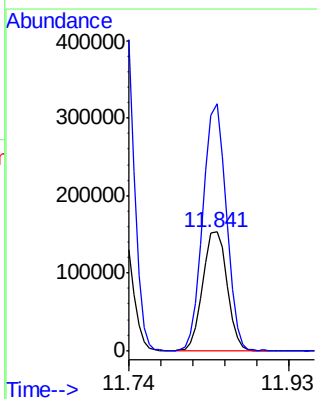
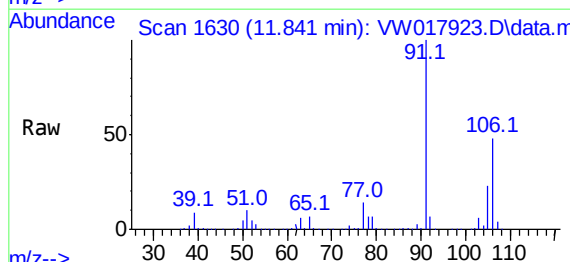
Instrument :
MSVOA_W
ClientSampled :
VICV01

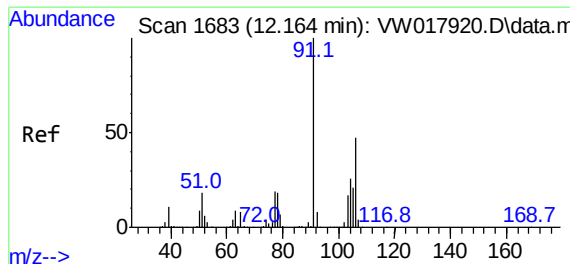
Tgt Ion: 91 Resp: 760097
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.1



#54
m,p-Xylene
Concen: 24.52 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 106 Resp: 294428
Ion Ratio Lower Upper
106 100
91 208.0 136.4 253.4

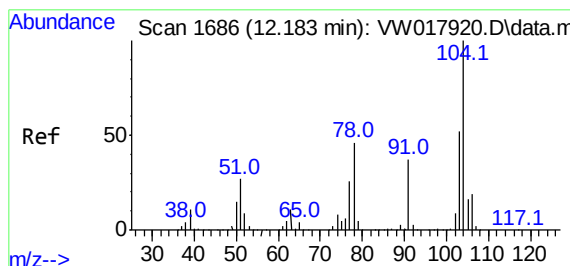
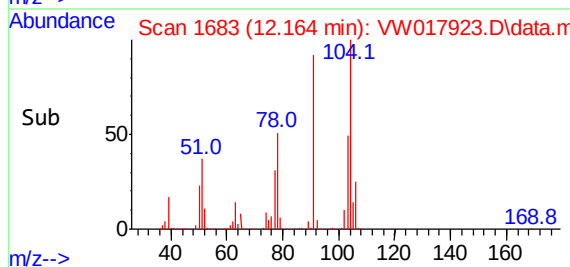
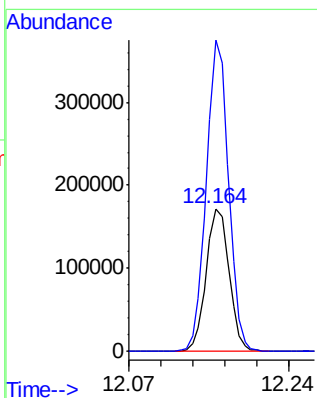
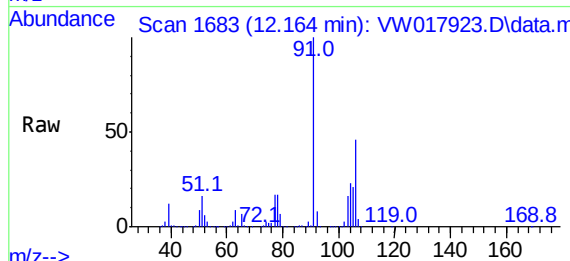




#55
o-xylene
Concen: 25.28 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

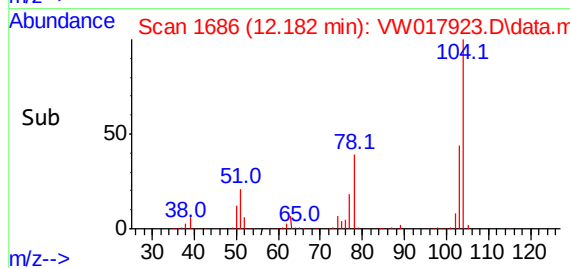
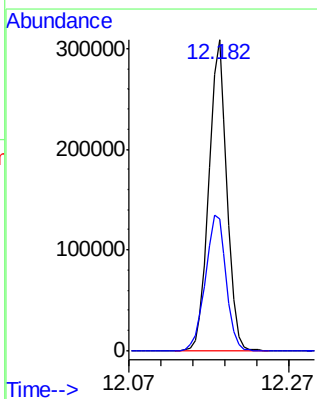
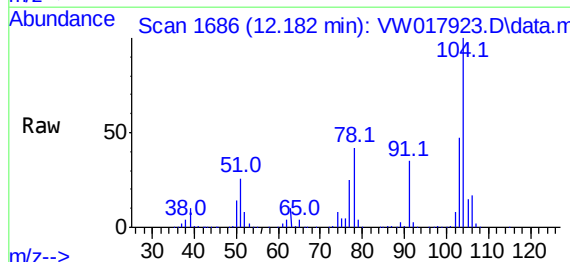
Instrument :
MSVOA_W
ClientSampled :
VICV01

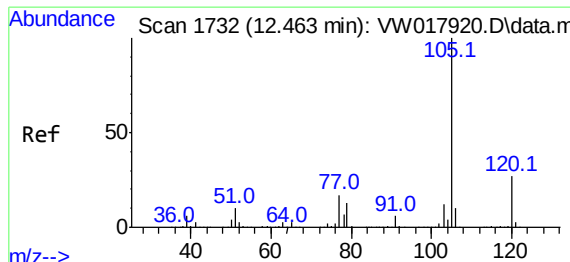
Tgt Ion:106 Resp: 281164
Ion Ratio Lower Upper
106 100
91 218.6 147.6 274.2



#56
Styrene
Concen: 25.61 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion:104 Resp: 482908
Ion Ratio Lower Upper
104 100
78 42.5 31.3 58.1

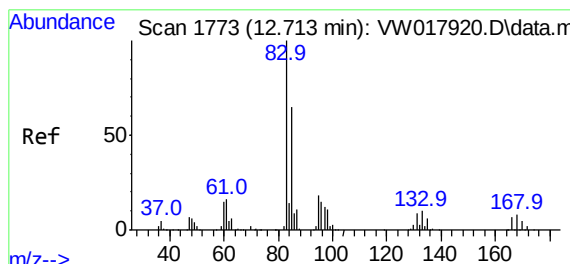
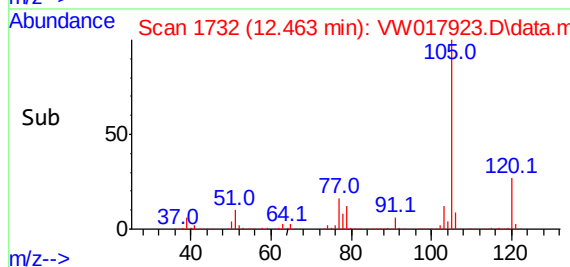
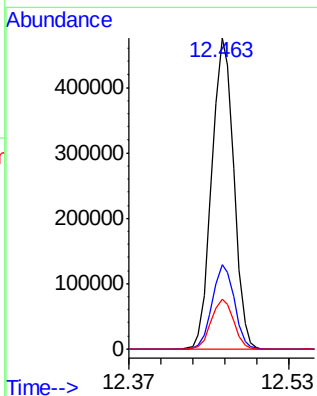
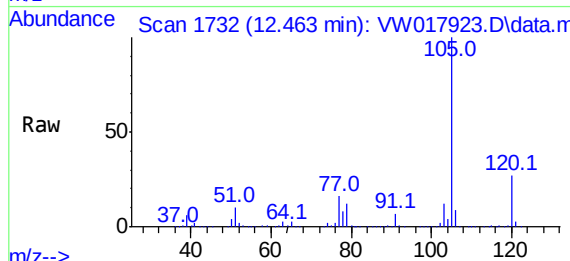




#57
Isopropylbenzene
Concen: 24.39 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

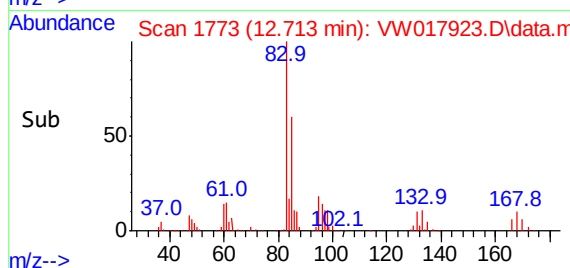
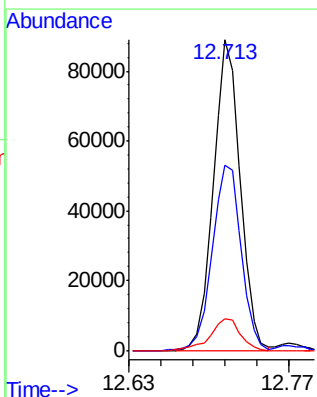
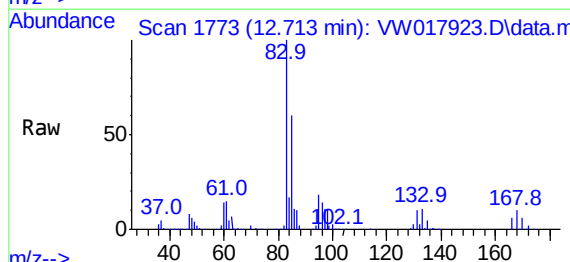
Instrument :
MSVOA_W
ClientSampled :
VICV01

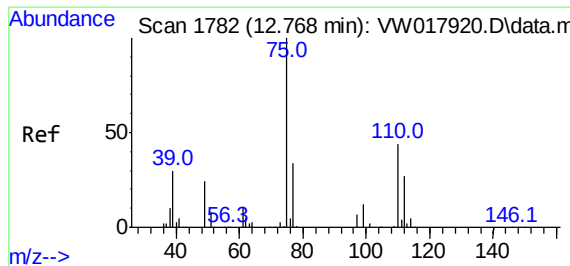
Tgt Ion:105 Resp: 754391
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 16.0 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 23.71 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 83 Resp: 141673
Ion Ratio Lower Upper
83 100
85 59.8 45.3 84.1
131 10.1 8.3 12.5

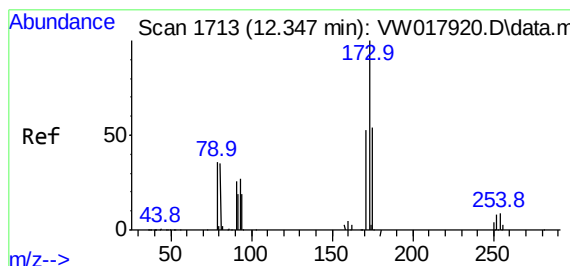
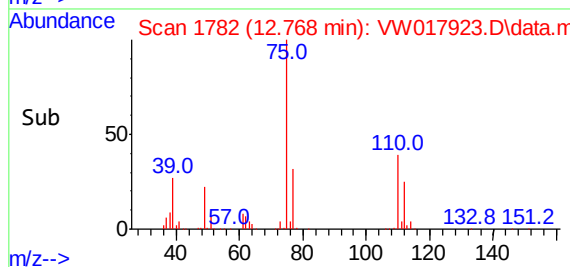
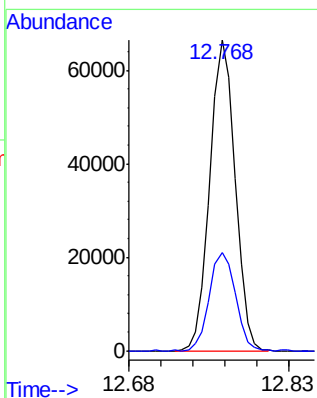
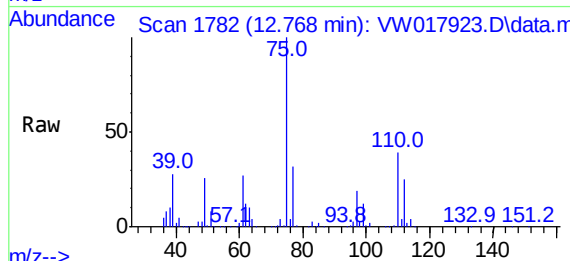




#59
1,2,3-Trichloropropane
Concen: 23.71 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

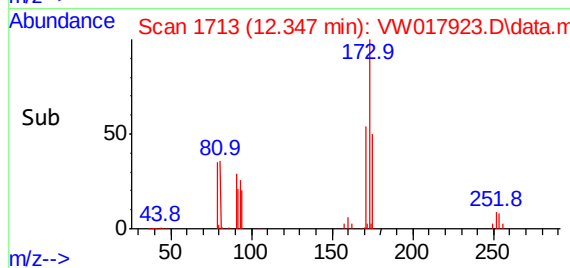
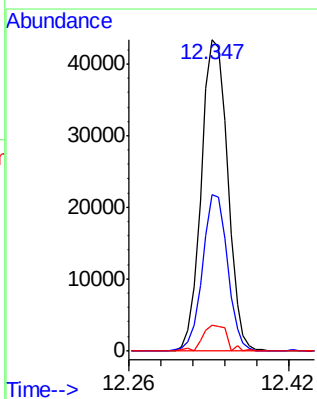
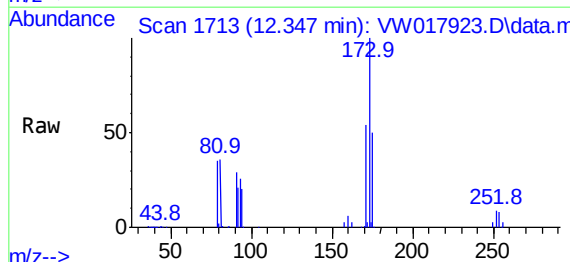
Instrument :
MSVOA_W
ClientSampled :
VICV01

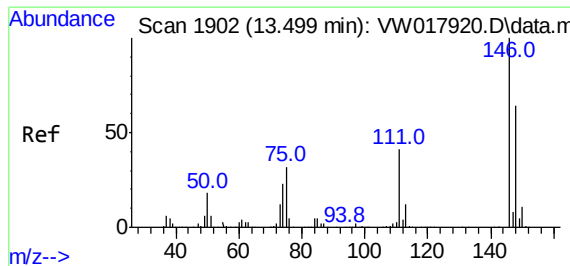
Tgt Ion: 75 Resp: 107133
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8



#62
Bromoform
Concen: 26.23 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 173 Resp: 78041
Ion Ratio Lower Upper
173 100
175 47.4 39.1 58.7
254 6.8 7.1 10.7#

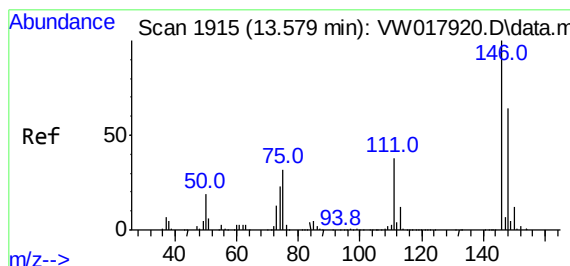
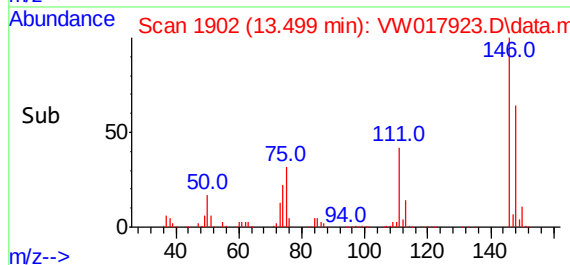
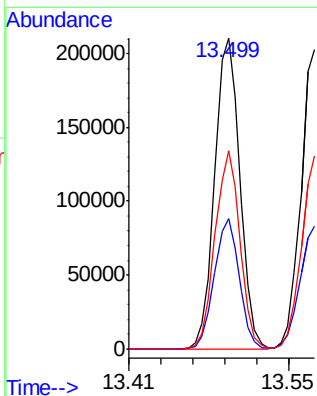
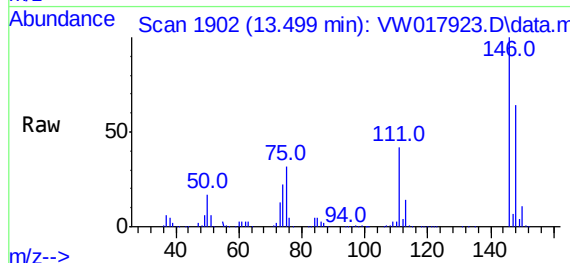




#63
1,3-Dichlorobenzene
Concen: 25.82 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

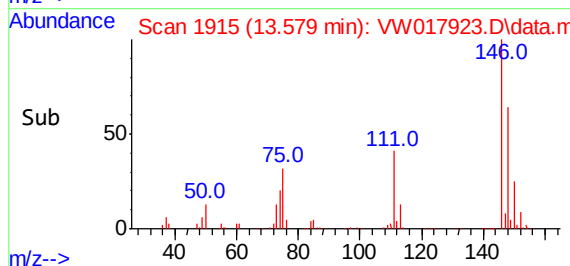
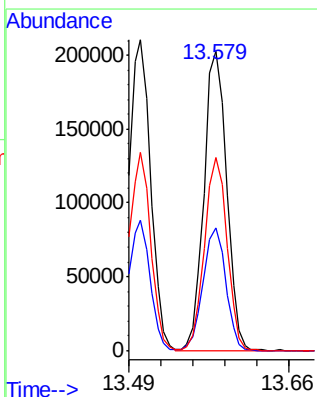
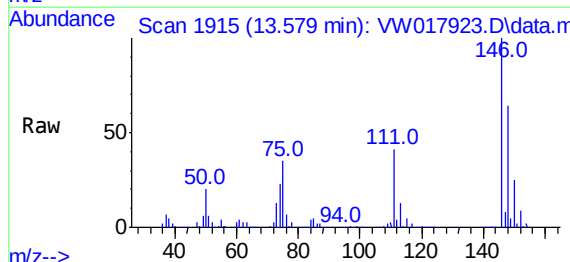
Instrument :
MSVOA_W
ClientSampleId :
VICV01

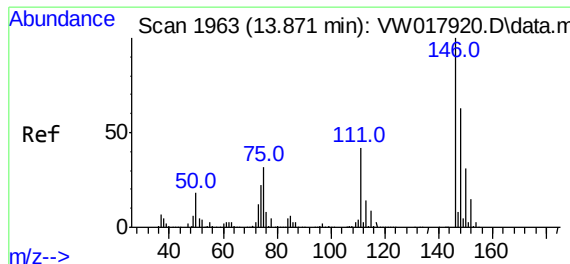
Tgt Ion:146 Resp: 337184
Ion Ratio Lower Upper
146 100
111 41.8 28.5 52.9
148 63.9 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.18 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion:146 Resp: 330598
Ion Ratio Lower Upper
146 100
111 40.9 27.7 51.5
148 64.5 47.0 87.2

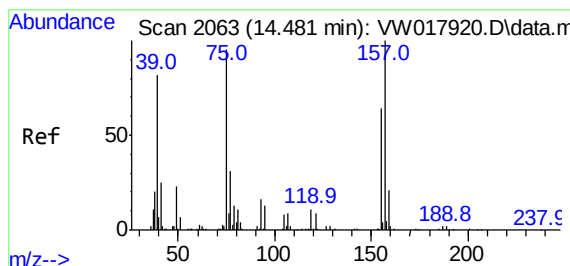
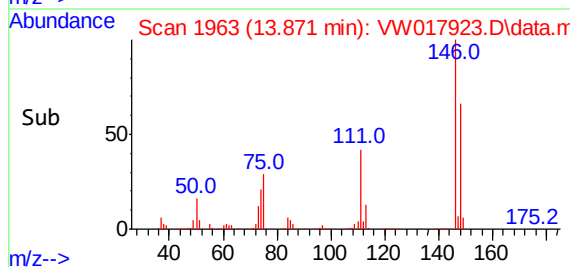
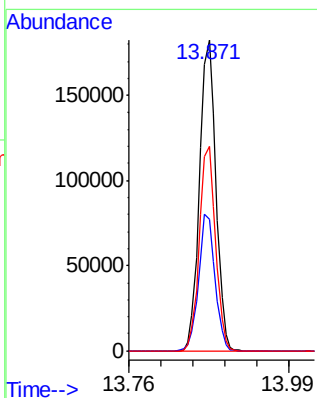
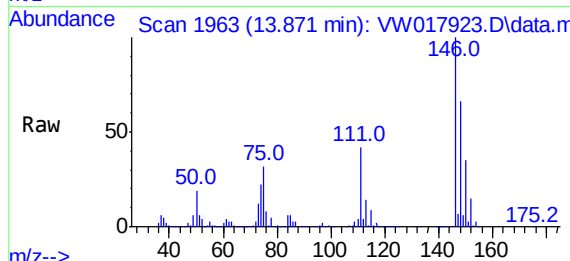




#65
1,2-Dichlorobenzene
Concen: 25.26 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

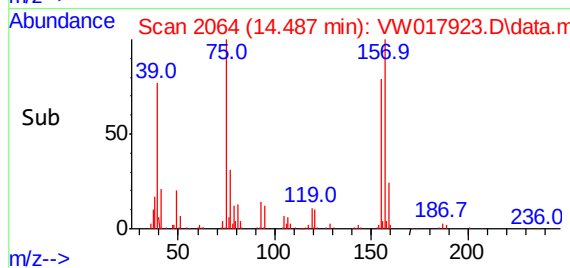
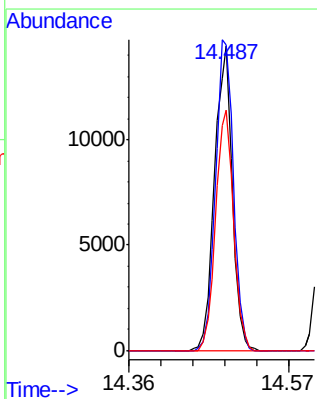
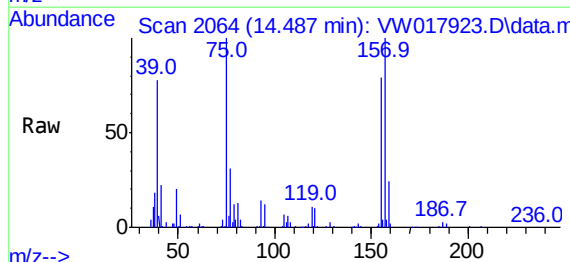
Instrument :
MSVOA_W
ClientSampleId :
VICV01

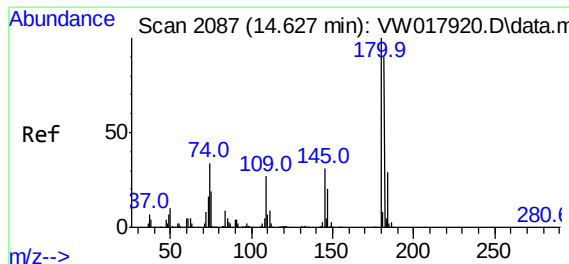
Tgt Ion:146 Resp: 297096
Ion Ratio Lower Upper
146 100
111 42.3 31.7 47.5
148 65.9 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.74 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
157 100.5 99.9 149.9
155 78.9 71.4 107.0

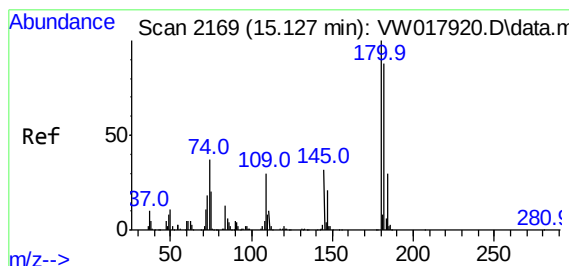
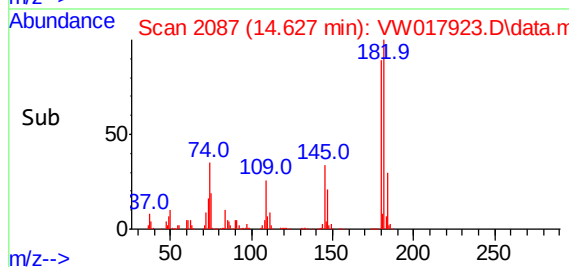
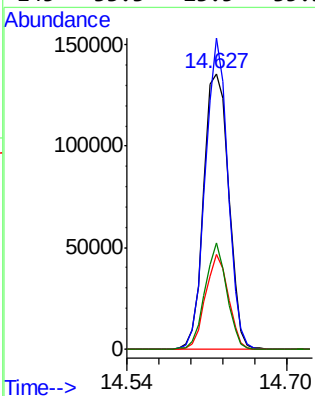
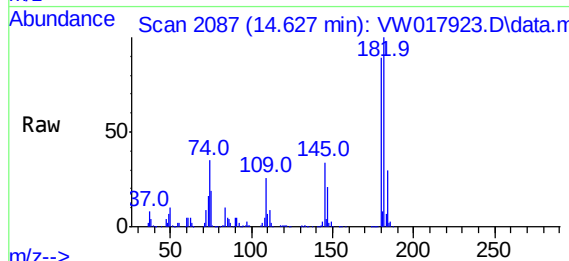




#67
 1,3,5-Trichlorobenzene
 Concen: 25.21 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

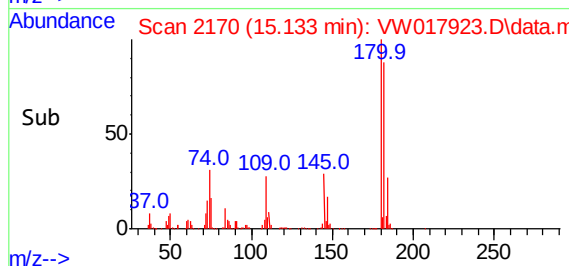
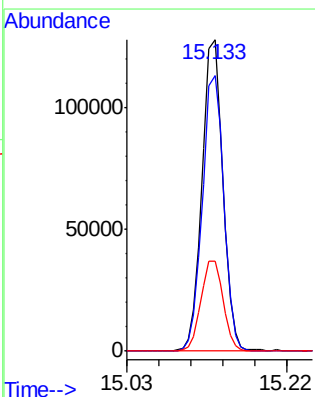
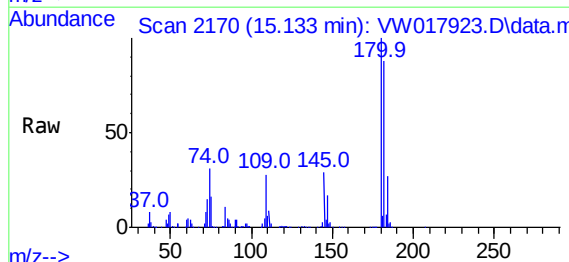
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

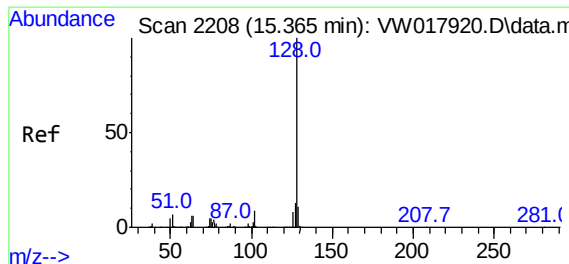
Tgt Ion:	180	Resp:	230146
Ion Ratio	Lower	Upper	
180	100		
182	101.4	77.0	115.6
184	31.2	24.2	36.4
145	33.3	23.5	35.3



#68
 1,2,4-trichlorobenzene
 Concen: 26.81 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW017923.D
 Acq: 18 Jan 2021 12:20

Tgt Ion:	180	Resp:	208917
Ion Ratio	Lower	Upper	
180	100		
182	91.1	71.3	106.9
145	30.8	24.0	36.0

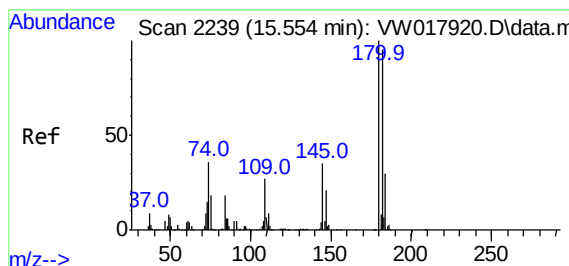
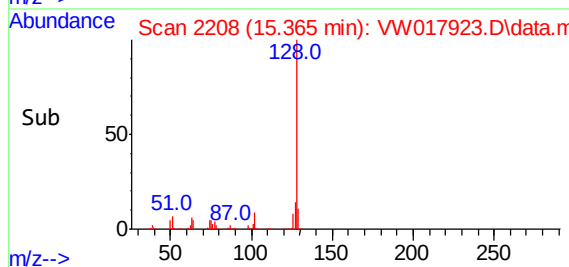
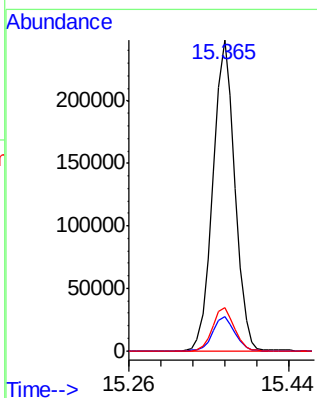
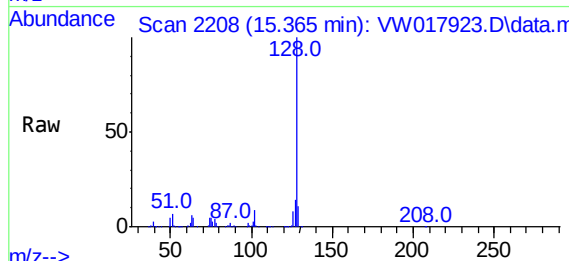




#69
Naphthalene
Concen: 25.28 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Instrument :
MSVOA_W
ClientSampled :
VICV01

Tgt Ion:128 Resp: 421456
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.53 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017923.D
Acq: 18 Jan 2021 12:20

Tgt Ion:180 Resp: 173427
Ion Ratio Lower Upper
180 100
182 97.4 74.7 112.1
145 34.5 25.4 38.0

