

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018096.D
 Acq On : 11 Feb 2021 19:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Feb 12 02:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	393021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	362053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	194630	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	93994	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.96%		
7) Chloroethane-d5	2.891	69	80612	20.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.16%		
10) 1,1-Dichloroethene-d2	4.025	63	207340	21.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.92%		
20) 2-Butanone-d5	7.074	46	54890	42.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.22%		
24) Chloroform-d	7.647	84	244725	23.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.92%		
26) 1,2-Dichloroethane-d4	8.305	65	121199	22.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.24%		
29) Benzene-d6	8.275	84	465881	23.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.72%		
33) 1,2-Dichloropropane-d6	9.274	67	131208	23.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.40%		
37) Toluene-d8	10.323	98	445350	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.16%		
38) trans-1,3-Dichloroprop...	10.579	79	58847	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.40%		
39) 2-Hexanone-d5	10.920	63	46788	44.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.02%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	112282	22.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	169245	24.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	108237	20.35	ug/L	95
3) Chloromethane	2.215	50	82188	20.98	ug/L	98
5) Vinyl chloride	2.367	62	126162	23.35	ug/L	98
6) Bromomethane	2.788	94	87850	22.87	ug/L	99
8) Chloroethane	2.928	64	73741	22.85	ug/L	99
9) Trichlorofluoromethane	3.263	101	84164	21.55	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	134270	24.06	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	124640	23.73	ug/L	95
13) Acetone	4.117	43	35031	36.33	ug/L	98
14) Carbon disulfide	4.391	76	350918	22.95	ug/L	99
15) Methyl Acetate	4.665	43	42619	19.92	ug/L	96
16) Methylene chloride	4.921	84	128597	20.42	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	136873	23.22	ug/L	96
18) trans-1,2-Dichloroethene	5.427	96	131797	23.48	ug/L	96
19) 1,1-Dichloroethane	6.214	63	214578	23.69	ug/L	99
21) 2-Butanone	7.171	43	54968	37.44	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	142080	24.41	ug/L	95
23) Bromochloromethane	7.512	128	65051	23.25	ug/L	91
25) Chloroform	7.677	83	231911	23.46	ug/L	98
27) 1,2-Dichloroethane	8.396	62	141497	22.06	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018096.D
 Acq On : 11 Feb 2021 19:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

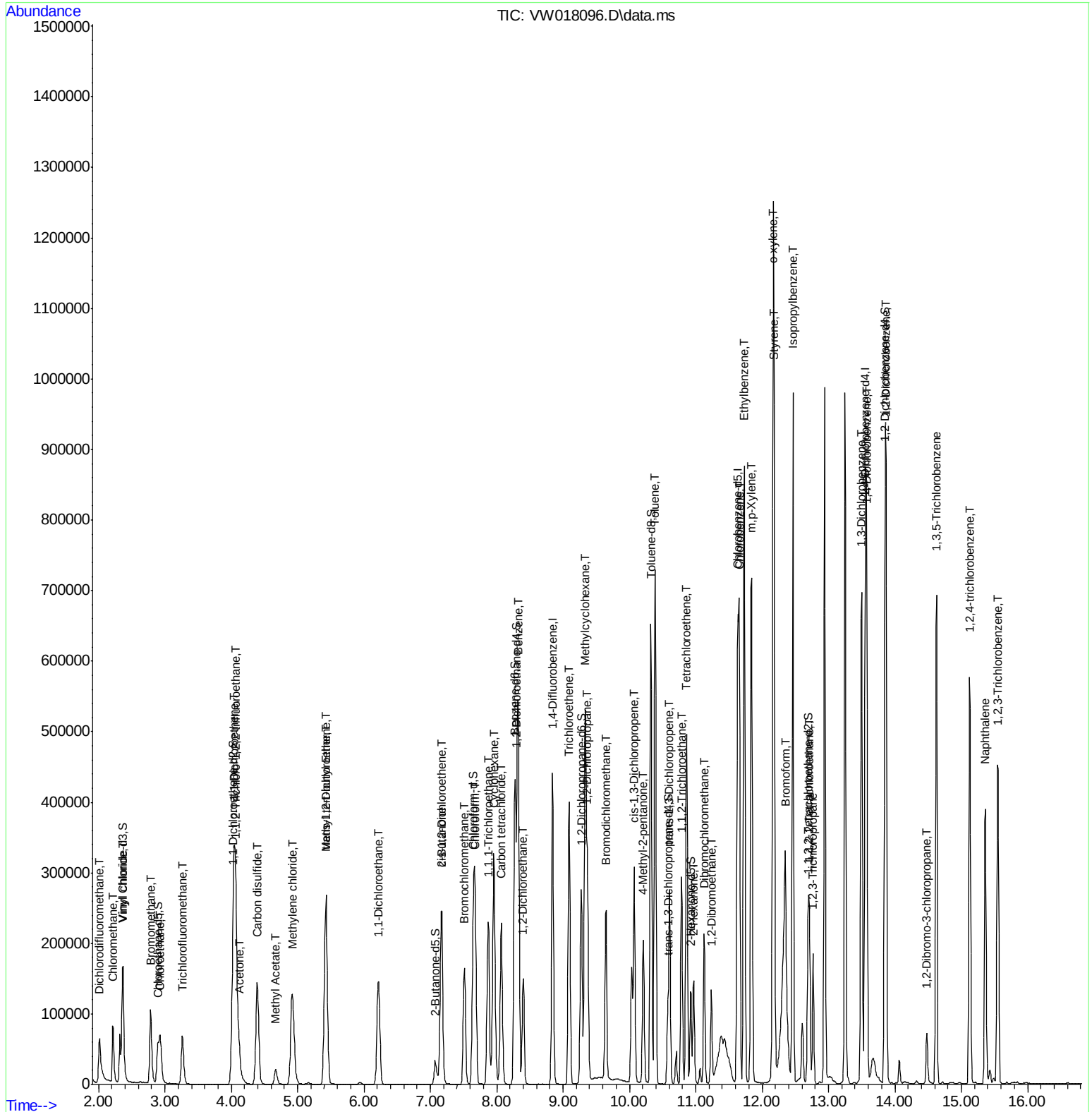
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

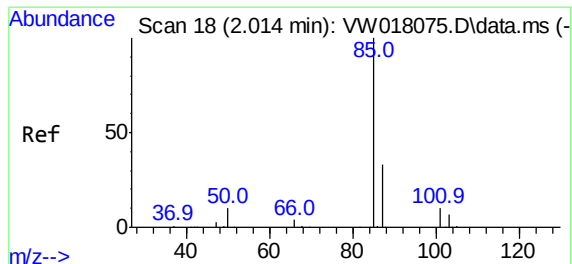
Quant Time: Feb 12 02:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	189464	22.88	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	192717	24.01	ug/L	98
32) Carbon tetrachloride	8.067	117	183598	23.61	ug/L	99
34) Benzene	8.323	78	504008	23.82	ug/L	100
35) Trichloroethene	9.091	95	140372	23.54	ug/L	99
36) Methylcyclohexane	9.335	83	233451	23.28	ug/L	96
40) 1,2-Dichloropropane	9.366	63	114835	23.65	ug/L	100
41) Bromodichloromethane	9.646	83	164183	23.61	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	187948	24.02	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	122753	40.66	ug/L #	92
44) Toluene	10.384	91	562413	24.15	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	158041	23.20	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	94351	22.76	ug/L	97
47) Tetrachloroethene	10.859	164	121982	24.03	ug/L	95
49) 2-Hexanone	10.969	43	86504	41.23	ug/L	95
50) Dibromochloromethane	11.128	129	118933	23.95	ug/L	99
51) 1,2-Dibromoethane	11.237	107	92693	22.42	ug/L #	95
52) Chlorobenzene	11.658	112	369634	24.09	ug/L	98
53) Ethylbenzene	11.731	91	631909	23.88	ug/L	97
54) m,p-Xylene	11.841	106	245987	24.38	ug/L	99
55) o-xylene	12.164	106	234707	24.52	ug/L	97
56) Styrene	12.182	104	401221	24.64	ug/L	98
57) Isopropylbenzene	12.463	105	646316	24.24	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	107387	21.90	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	77746	20.93	ug/L	99
62) Bromoform	12.347	173	66517	22.18	ug/L #	87
63) 1,3-Dichlorobenzene	13.499	146	303885	24.49	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	298453	23.92	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	273202	24.42	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	16913	19.96	ug/L	93
67) 1,3,5-Trichlorobenzene	14.627	180	234540	24.61	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	196420	24.72	ug/L	96
69) Naphthalene	15.365	128	349739	22.62	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	168458	23.78	ug/L	97

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

Quant Time: Feb 12 02:55:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
Response via : Initial Calibration

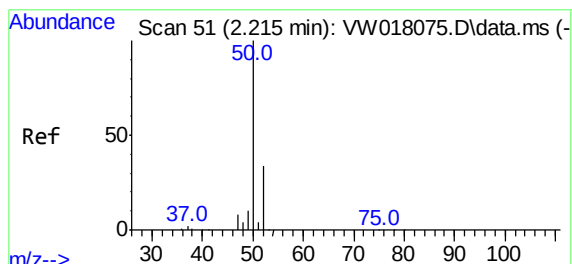
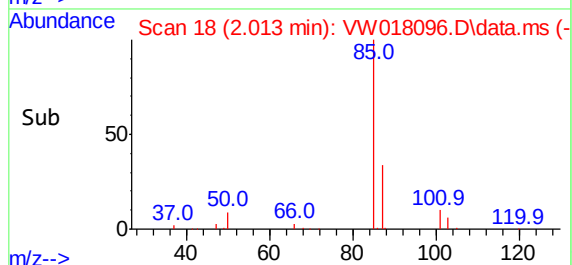
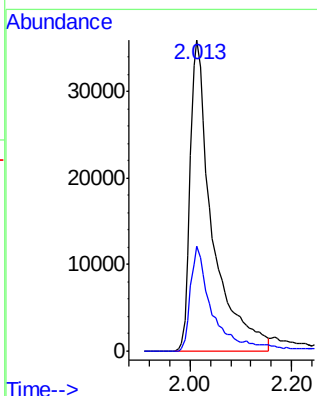
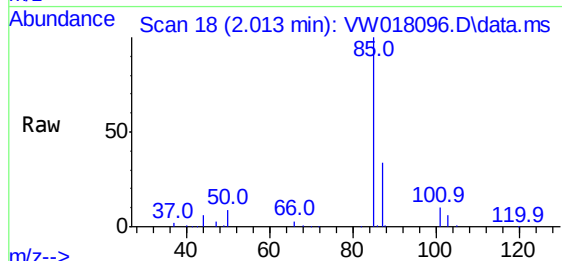




#2
Dichlorodifluoromethane
Concen: 20.35 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

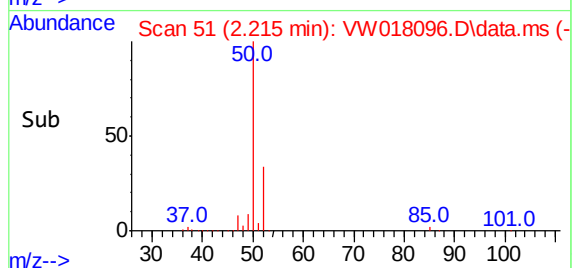
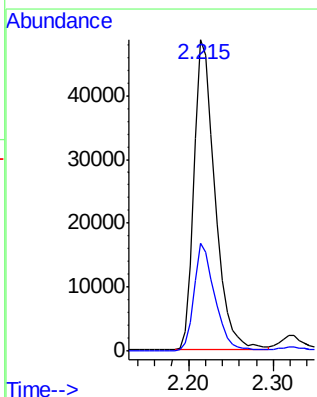
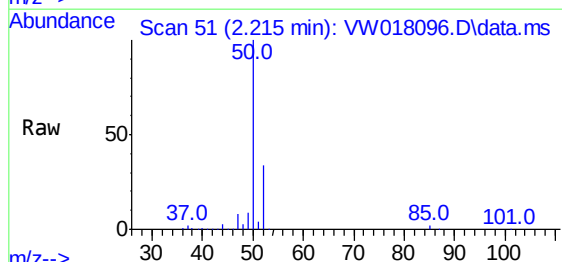
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

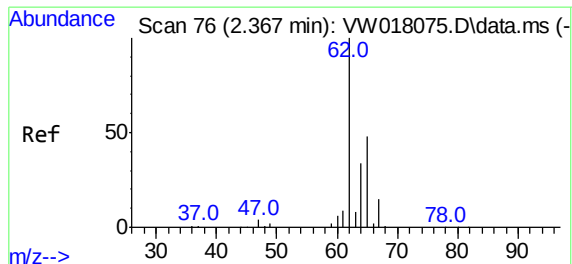
Tgt Ion: 85 Resp: 108237
Ion Ratio Lower Upper
85 100
87 30.4 23.2 43.0



#3
Chloromethane
Concen: 20.98 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 50 Resp: 82188
Ion Ratio Lower Upper
50 100
52 34.4 23.4 43.6

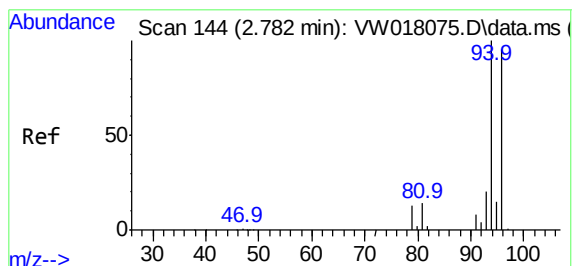
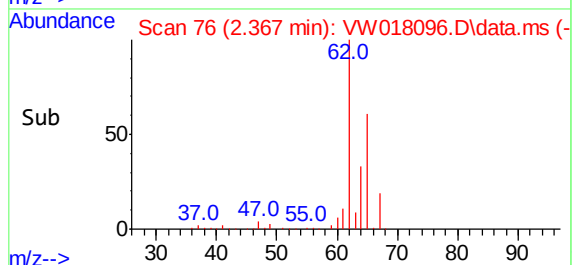
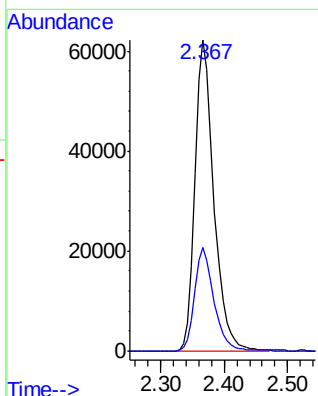
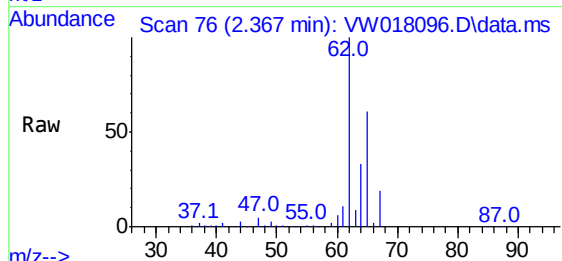




#5
 Vinyl chloride
 Concen: 23.35 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

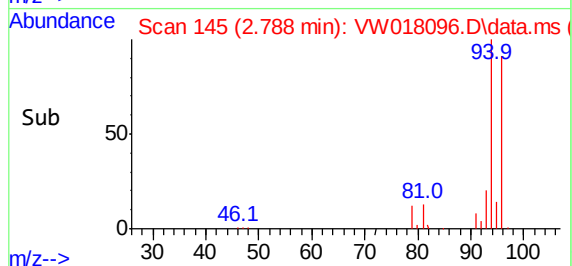
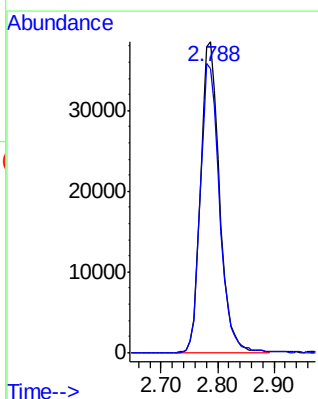
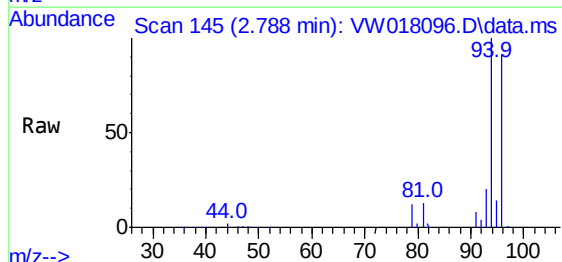
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

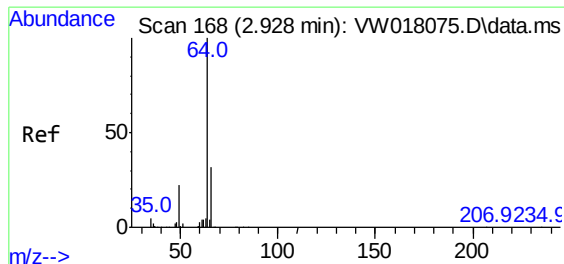
Tgt Ion: 62 Resp: 126162
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.9 44.5



#6
 Bromomethane
 Concen: 22.87 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

Tgt Ion: 94 Resp: 87850
 Ion Ratio Lower Upper
 94 100
 96 94.4 9.4 178.0

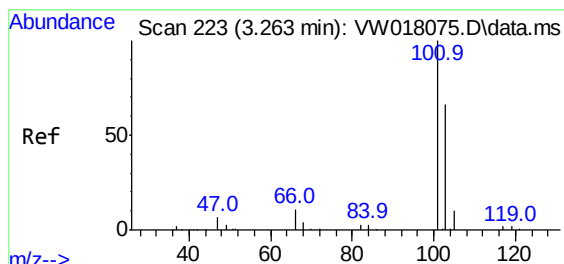
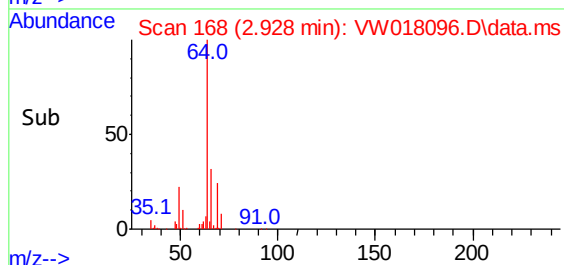
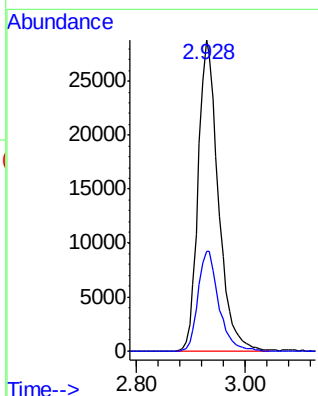
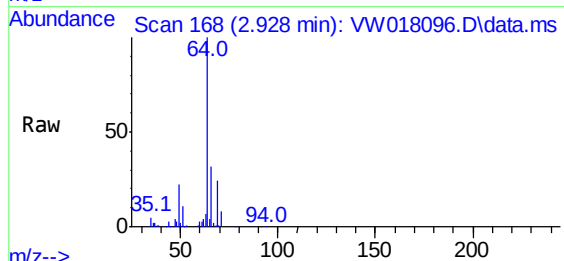




#8
Chloroethane
Concen: 22.85 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

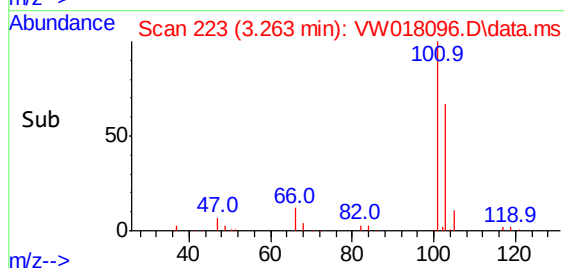
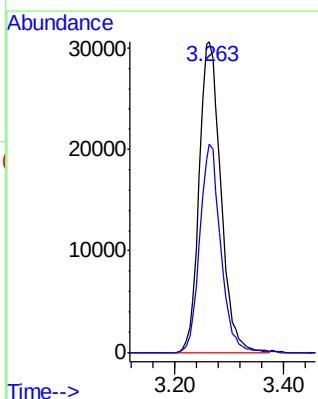
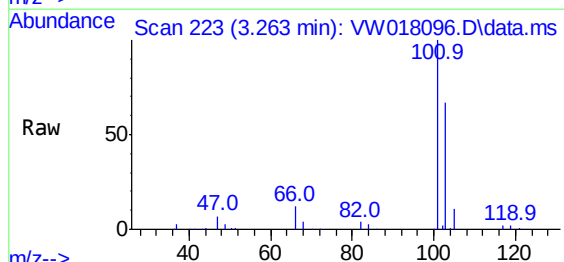
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

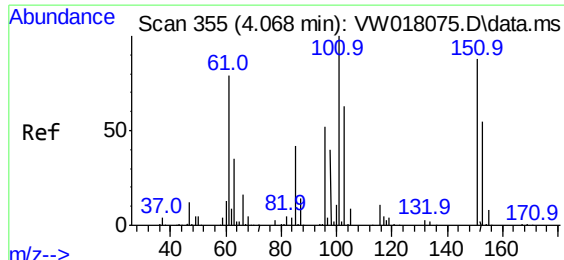
Tgt Ion: 64 Resp: 73741
Ion Ratio Lower Upper
64 100
66 32.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.55 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:101 Resp: 84164
Ion Ratio Lower Upper
101 100
103 64.3 45.0 83.6

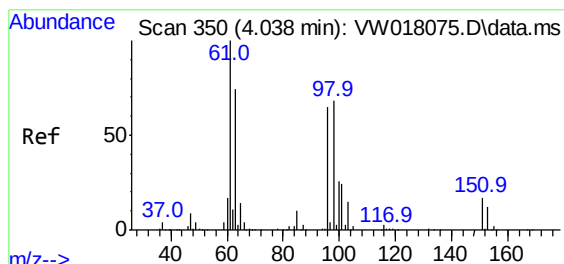
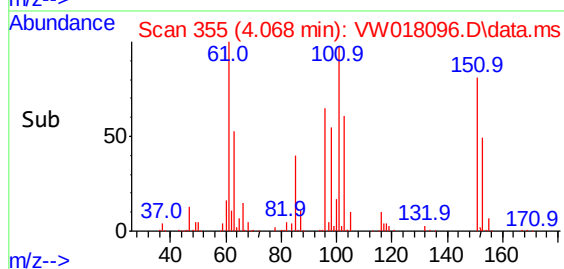
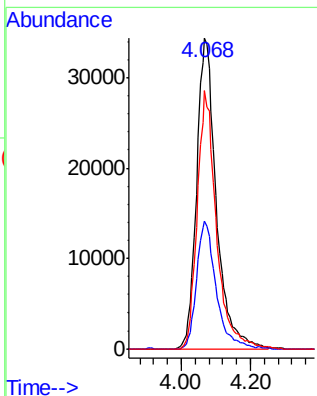
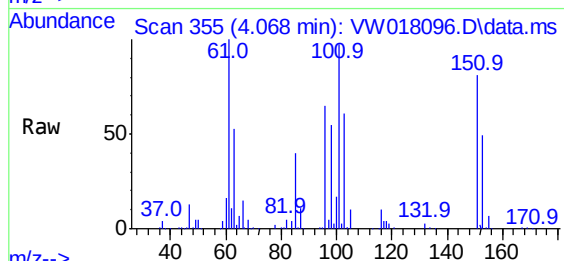




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.06 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

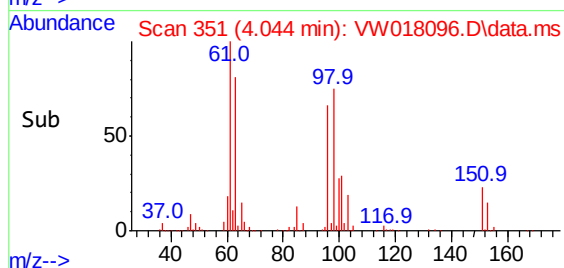
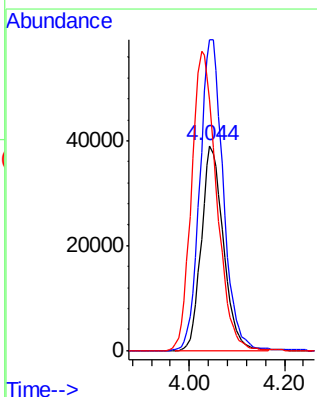
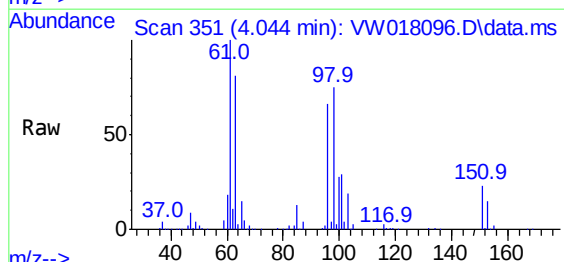
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

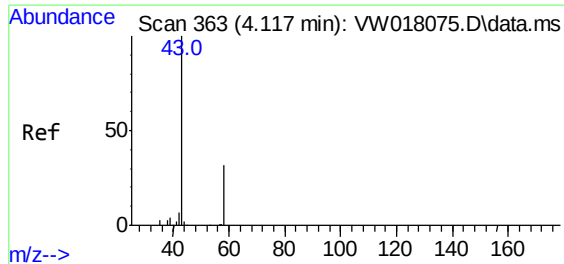
Tgt Ion:101 Resp: 134270
 Ion Ratio Lower Upper
 101 100
 85 40.7 34.2 51.4
 151 79.4 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 23.73 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

Tgt Ion: 96 Resp: 124640
 Ion Ratio Lower Upper
 96 100
 61 151.6 112.5 208.9
 63 122.5 83.1 154.3

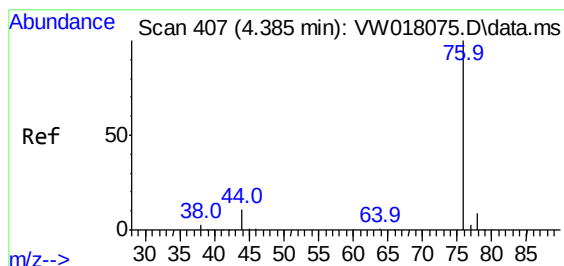
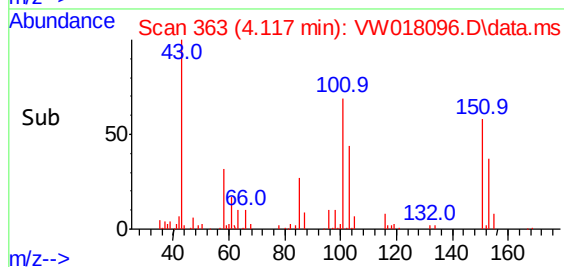
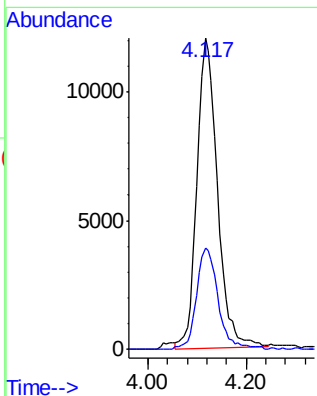
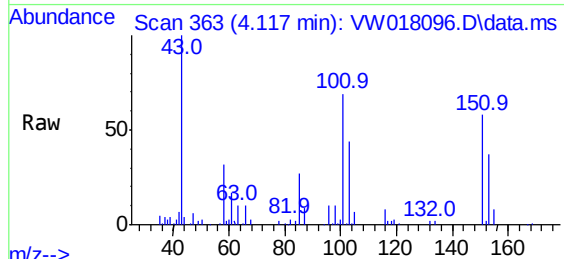




#13
Acetone
Concen: 36.33 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

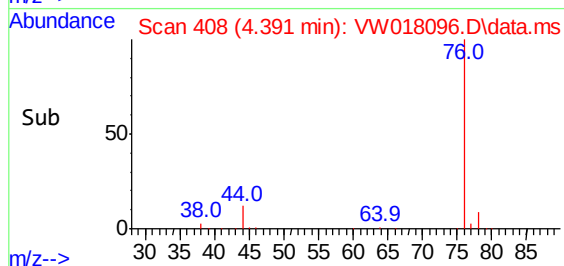
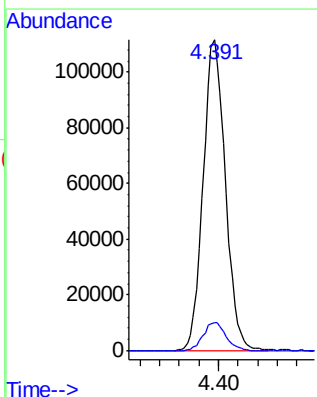
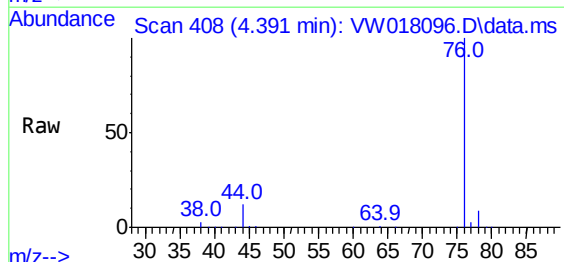
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

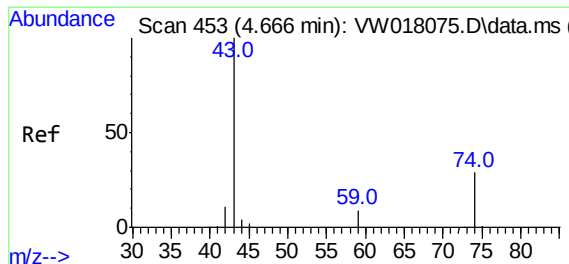
Tgt Ion: 43 Resp: 35031
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#14
Carbon disulfide
Concen: 22.95 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 76 Resp: 350918
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

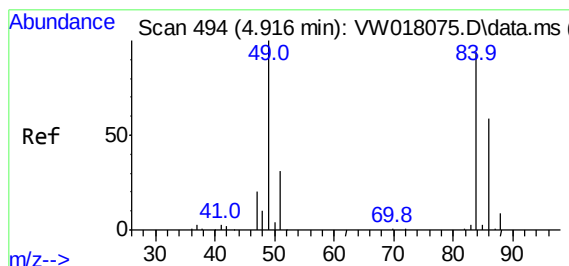
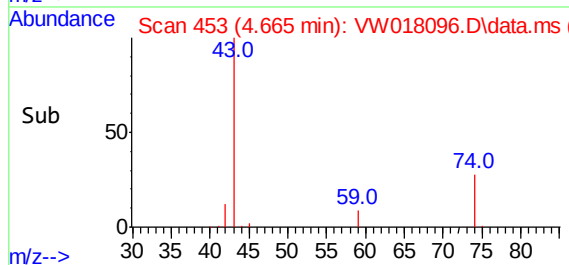
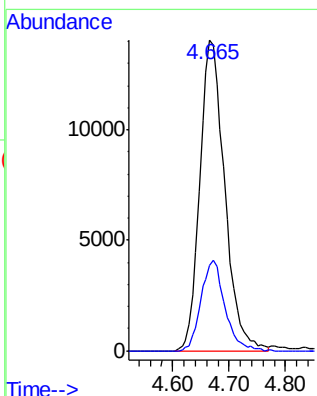
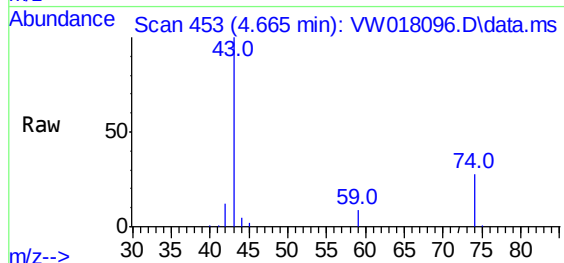




#15
Methyl Acetate
Concen: 19.92 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

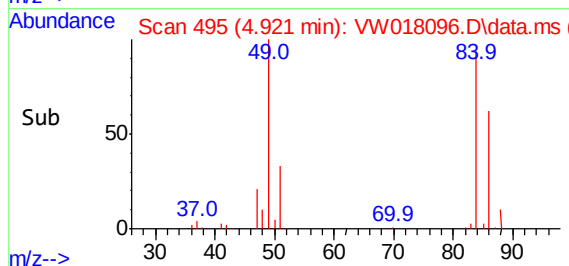
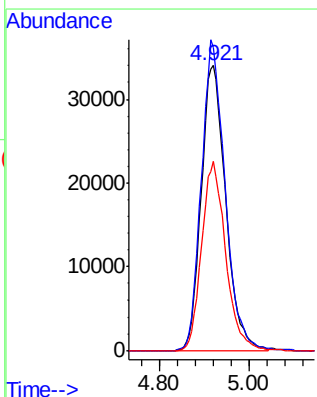
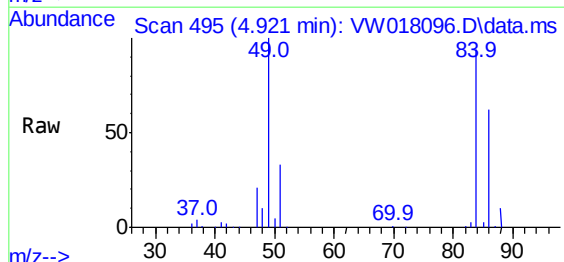
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

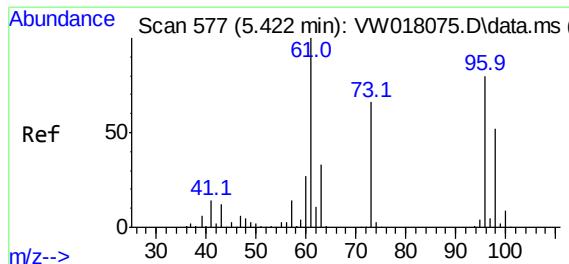
Tgt Ion: 43 Resp: 42619
Ion Ratio Lower Upper
43 100
74 28.0 20.7 31.1



#16
Methylene chloride
Concen: 20.42 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 84 Resp: 128597
Ion Ratio Lower Upper
84 100
49 106.5 81.2 150.8
86 66.2 44.5 82.7

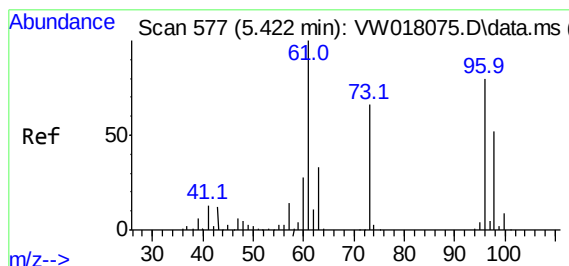
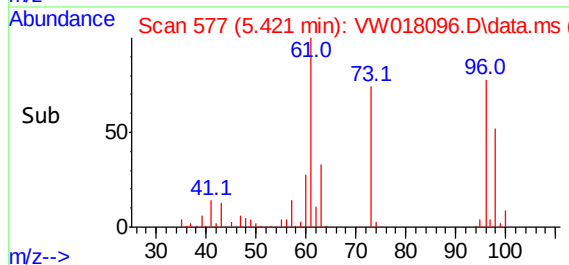
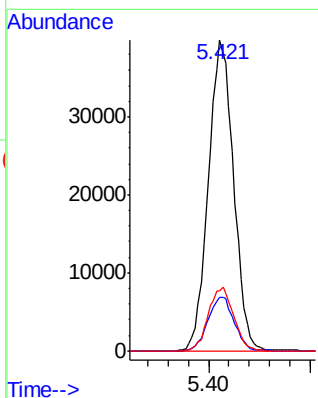
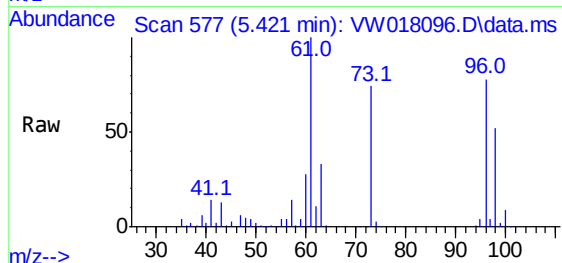




#17
Methyl tert-butyl Ether
Concen: 23.22 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

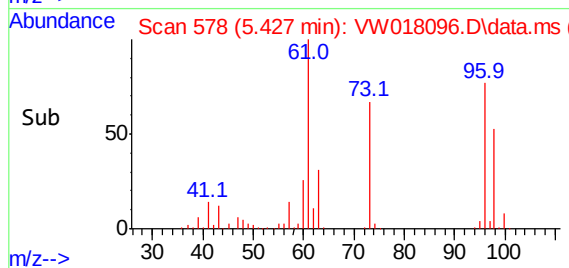
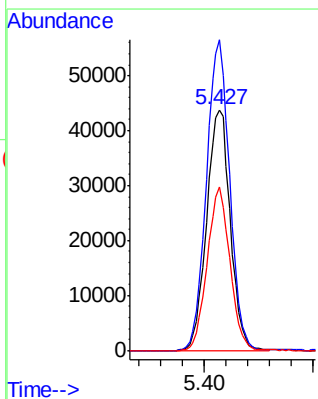
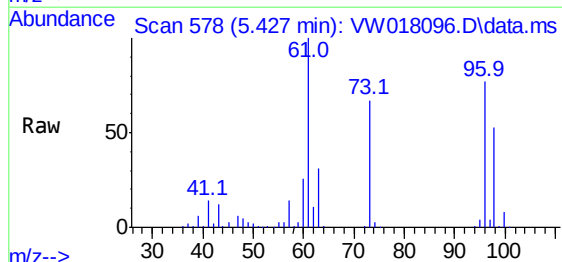
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

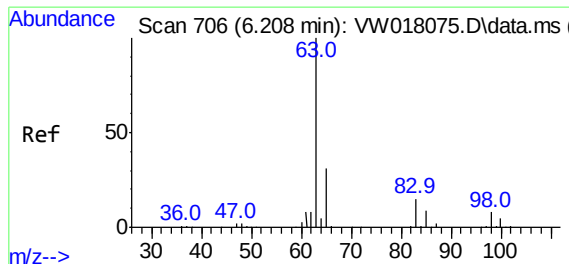
Tgt Ion: 73 Resp: 136873
Ion Ratio Lower Upper
73 100
43 18.0 16.2 24.4
57 20.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 23.48 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 96 Resp: 131797
Ion Ratio Lower Upper
96 100
61 129.2 92.7 172.1
98 68.0 43.3 80.3



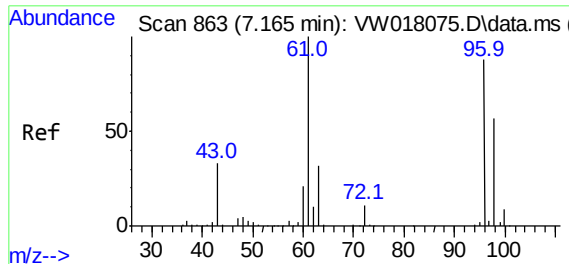
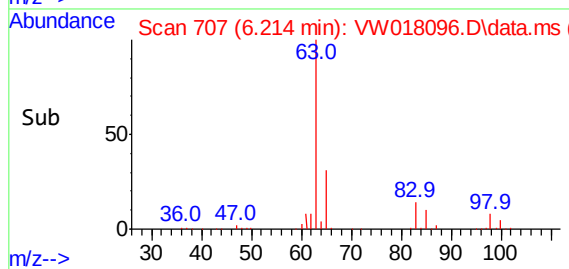
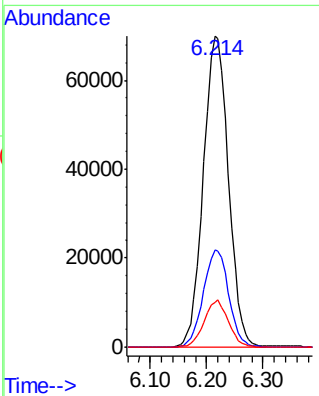
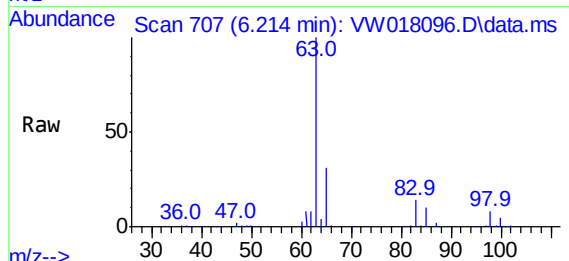


#19
 1,1-Dichloroethane
 Concen: 23.69 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Tgt Ion: 63 Resp: 214578

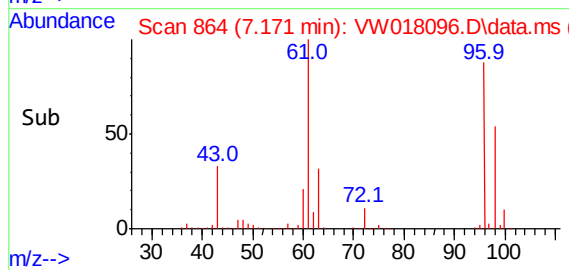
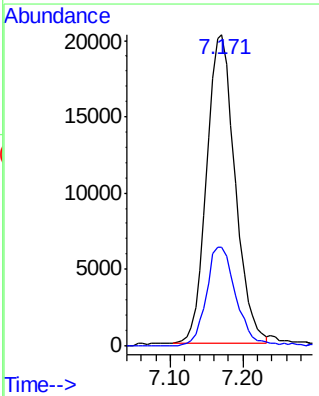
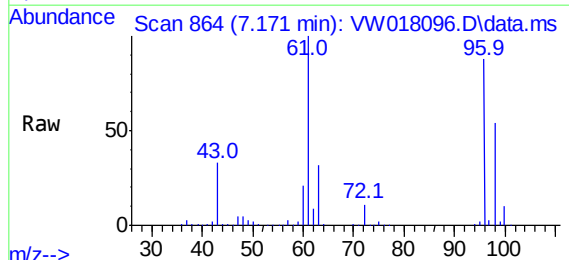
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.9	40.7
83	14.3	9.4	17.6

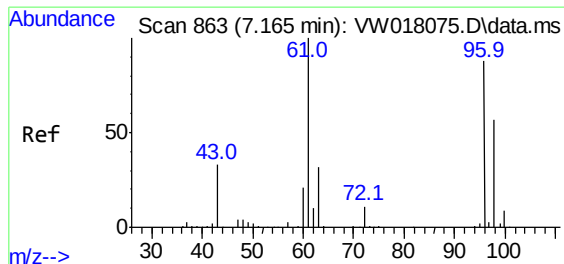


#21
 2-Butanone
 Concen: 37.44 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018096.D
 Acq: 11 Feb 2021 19:37

Tgt Ion: 43 Resp: 54968

Ion	Ratio	Lower	Upper
43	100		
72	32.8	14.4	43.2

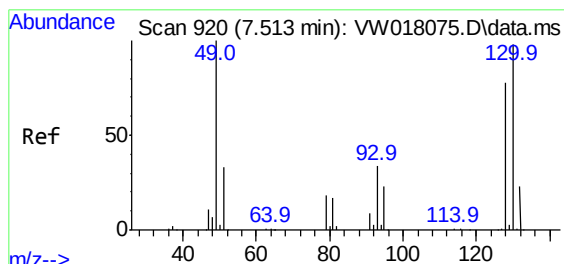
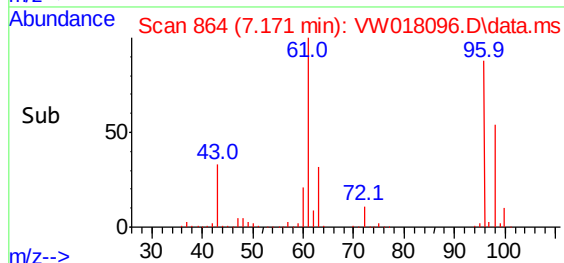
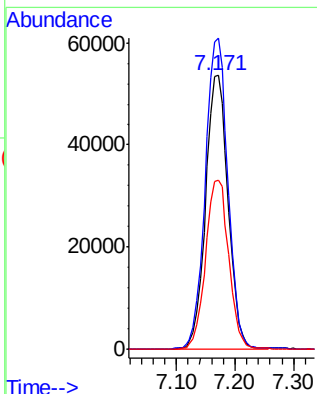
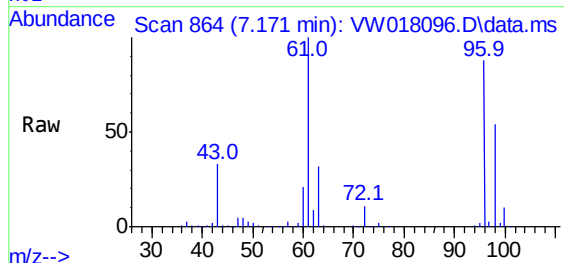




#22
cis-1,2-Dichloroethene
Concen: 24.41 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

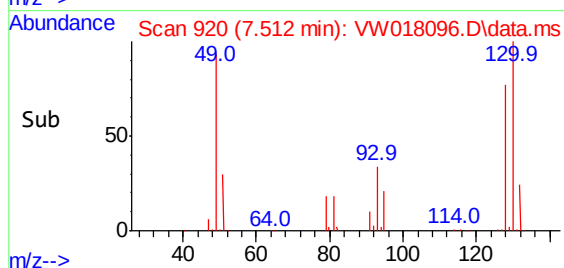
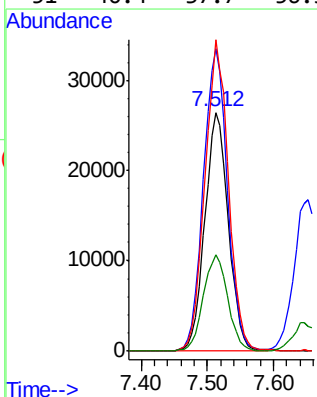
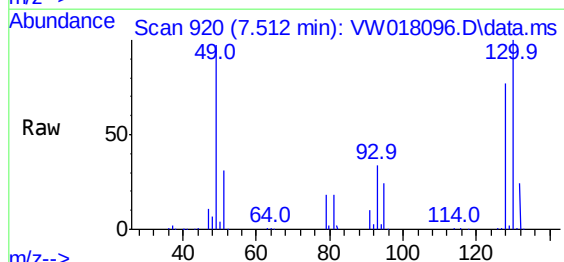
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

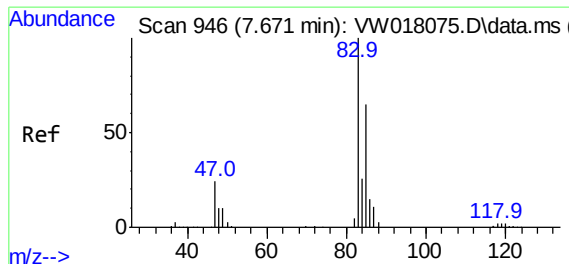
Tgt Ion: 96 Resp: 142080
Ion Ratio Lower Upper
96 100
61 113.7 84.6 157.2
98 61.6 44.7 82.9



#23
Bromochloromethane
Concen: 23.25 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 128 Resp: 65051
Ion Ratio Lower Upper
128 100
49 126.7 101.6 188.6
130 130.6 90.4 167.8
51 40.4 37.7 56.5

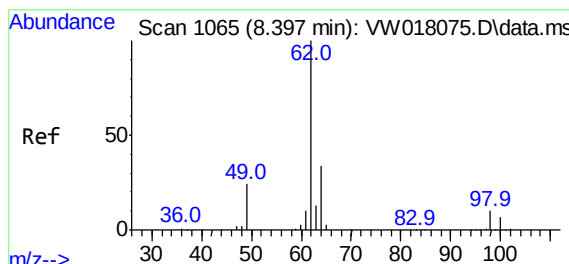
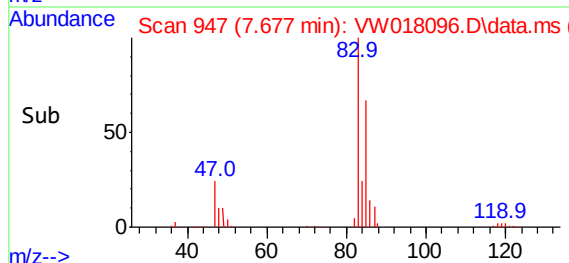
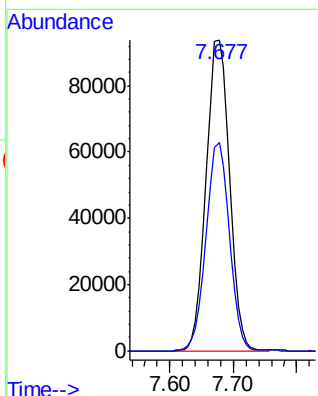
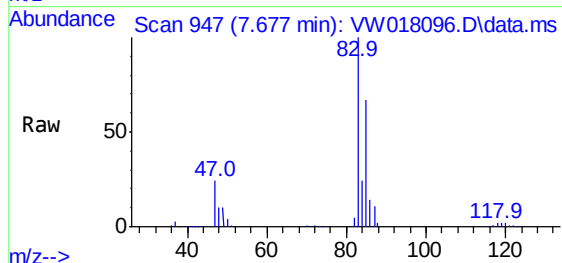




#25
Chloroform
Concen: 23.46 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

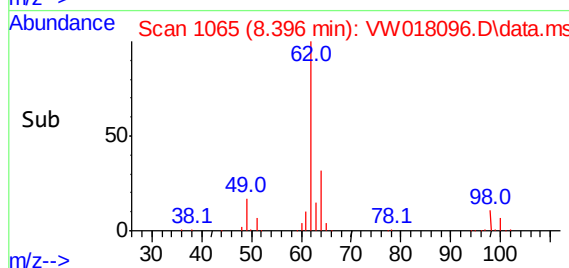
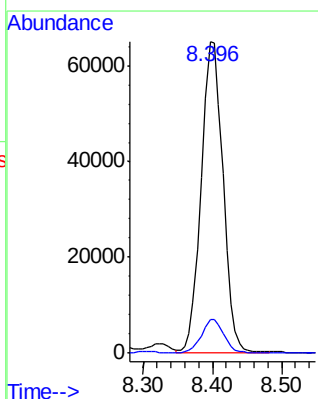
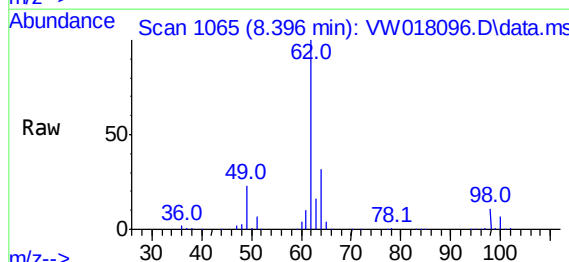
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

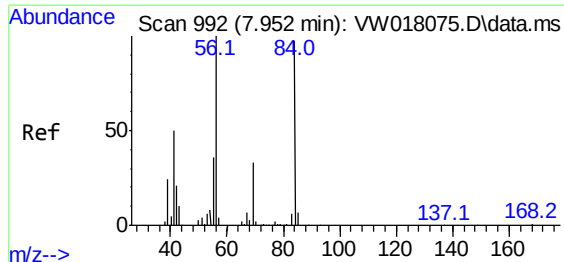
Tgt Ion: 83 Resp: 231911
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.06 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 62 Resp: 141497
Ion Ratio Lower Upper
62 100
98 10.6 8.0 12.0

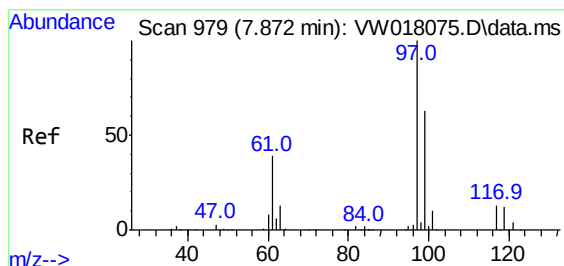
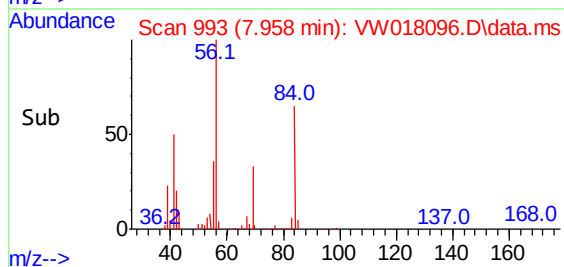
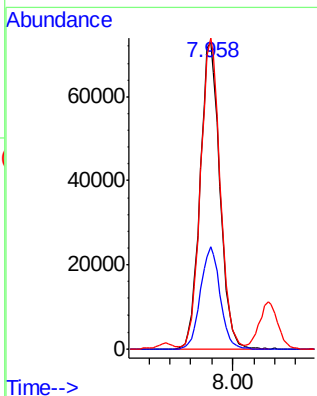
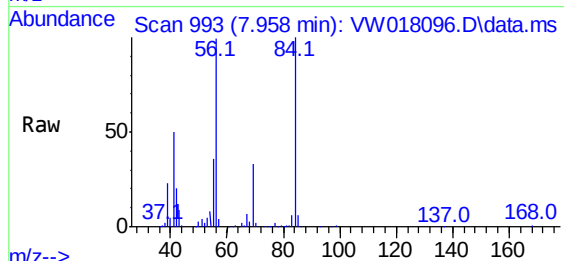




#30
Cyclohexane
Concen: 22.88 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

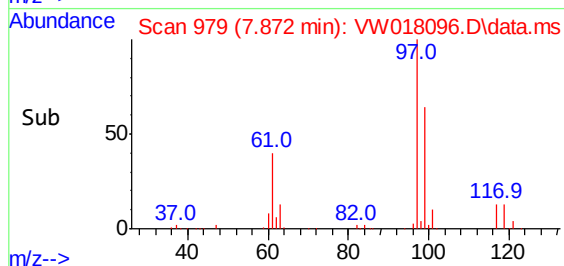
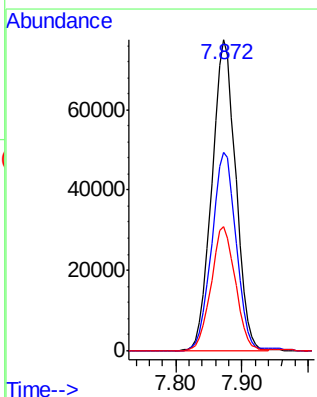
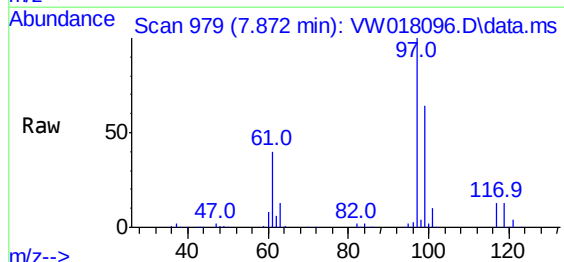
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

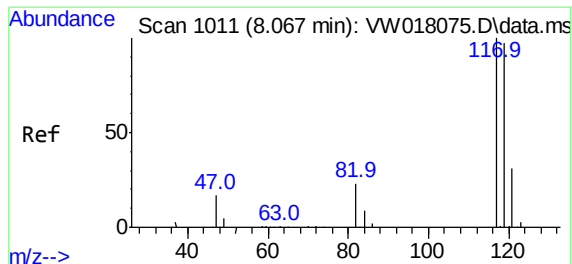
Tgt Ion: 56 Resp: 189464
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 100.5 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 24.01 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 97 Resp: 192717
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 40.3 33.6 50.4

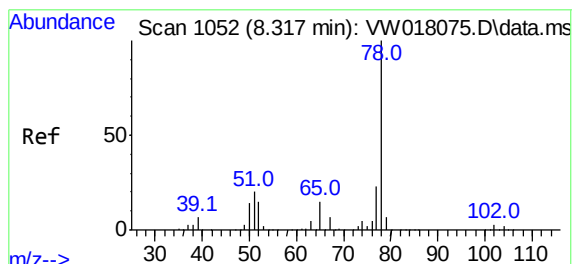
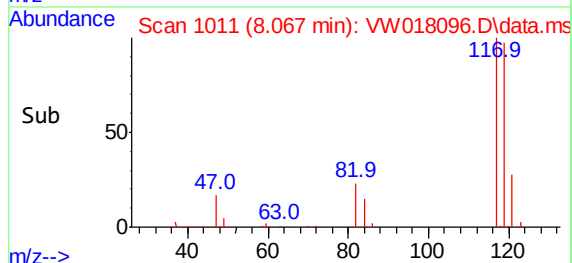
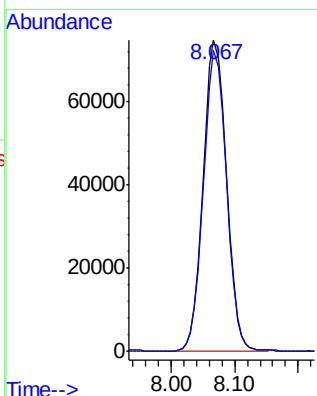
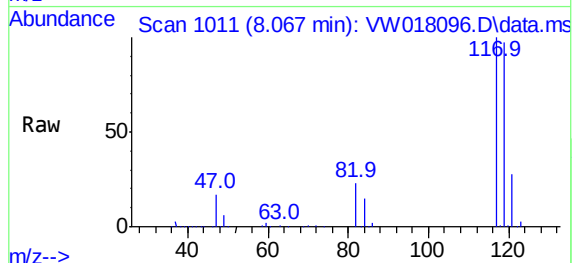




#32
Carbon tetrachloride
Concen: 23.61 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

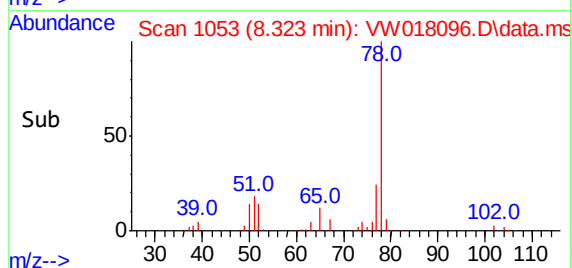
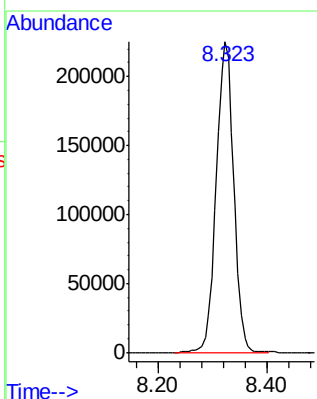
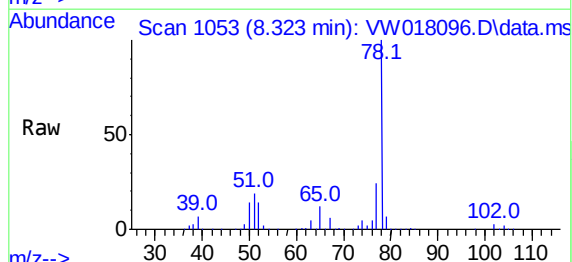
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

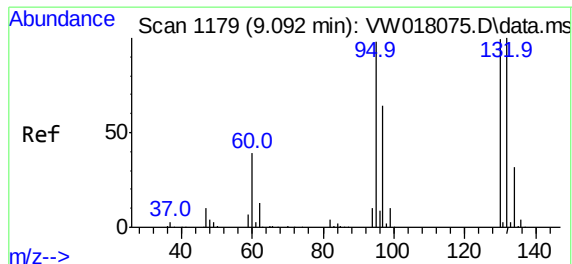
Tgt Ion:117 Resp: 183598
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8



#34
Benzene
Concen: 23.82 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 78 Resp: 504008



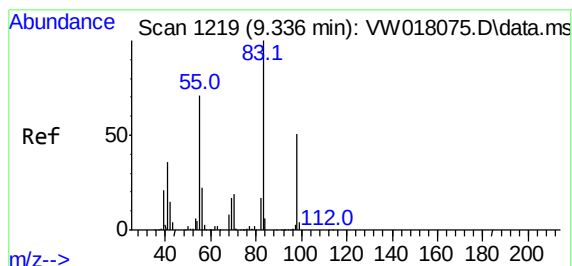
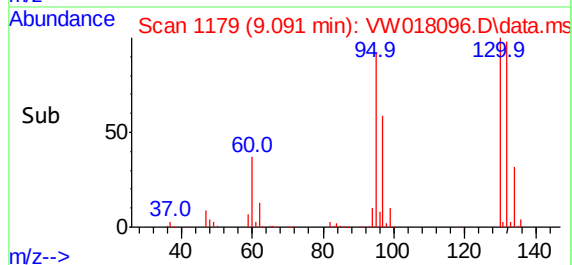
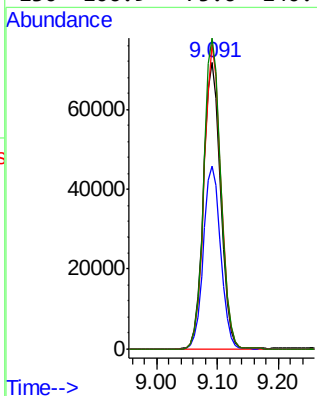
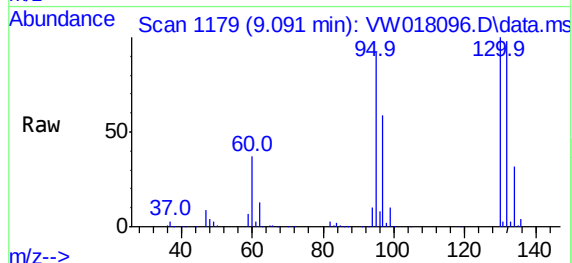


#35
Trichloroethene
Concen: 23.54 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 95 Resp: 140372

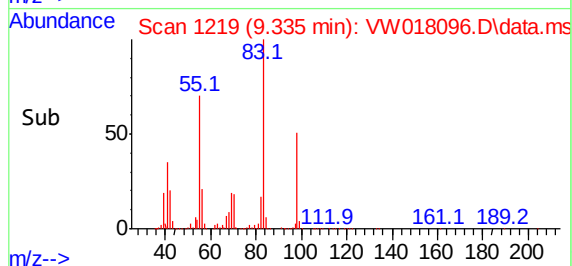
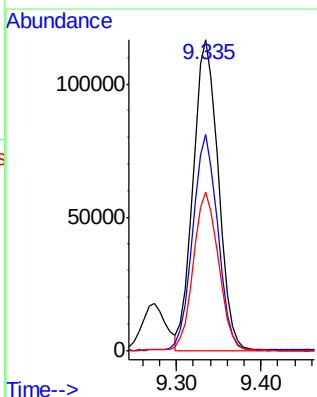
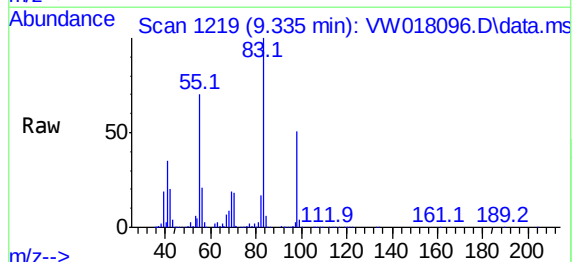
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	103.0	71.0	131.8
130	106.9	75.6	140.4

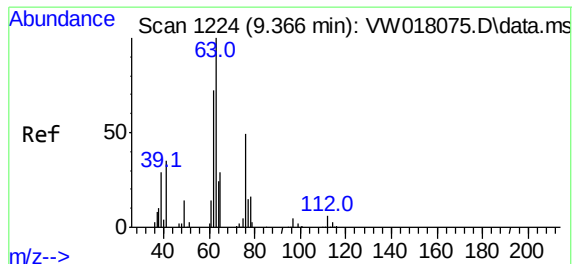


#36
Methylcyclohexane
Concen: 23.28 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 83 Resp: 233451

Ion	Ratio	Lower	Upper
83	100		
55	69.2	59.4	89.0
98	51.1	40.7	61.1

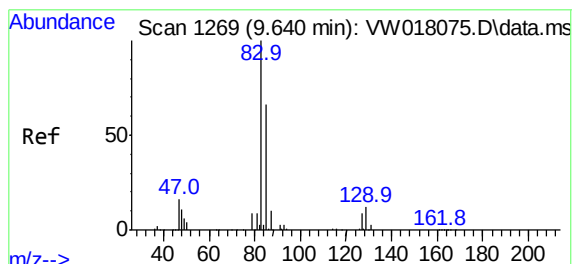
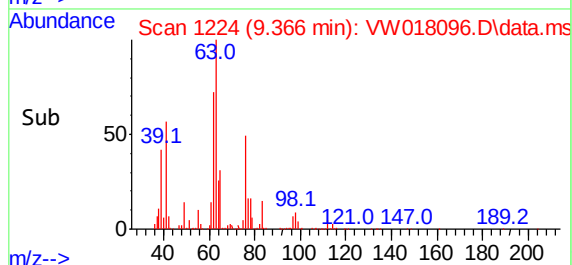
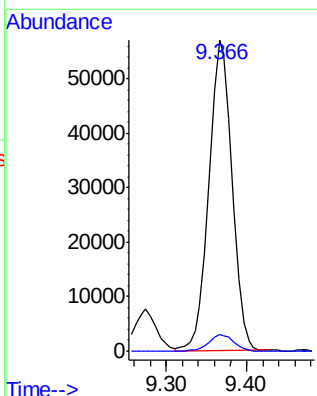
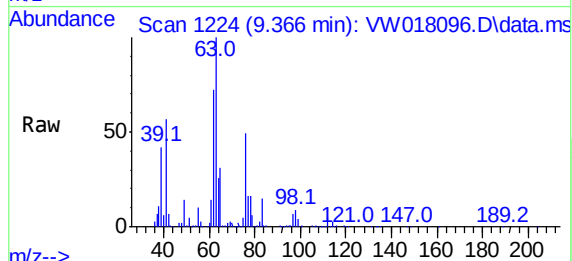




#40
1,2-Dichloropropane
Concen: 23.65 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

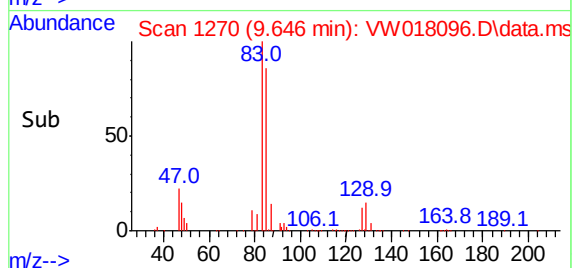
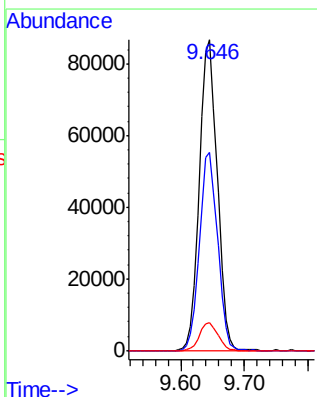
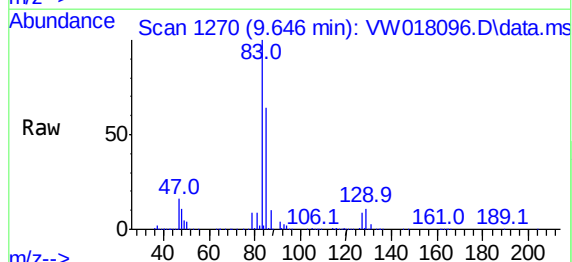
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

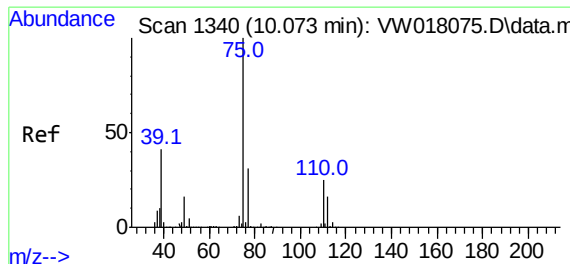
Tgt Ion: 63 Resp: 114835
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 23.61 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 83 Resp: 164183
Ion Ratio Lower Upper
83 100
85 63.8 46.8 86.8
127 8.8 7.6 11.4

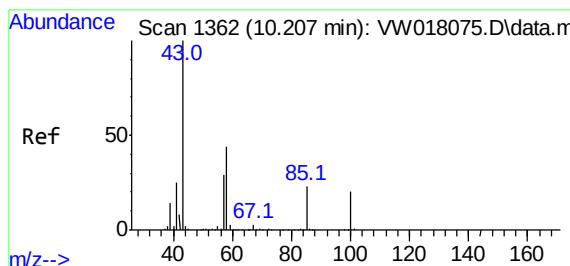
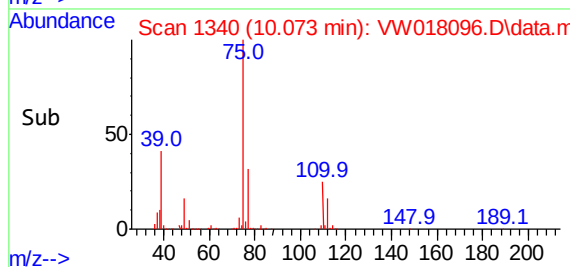
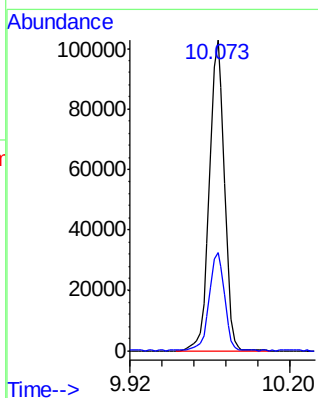
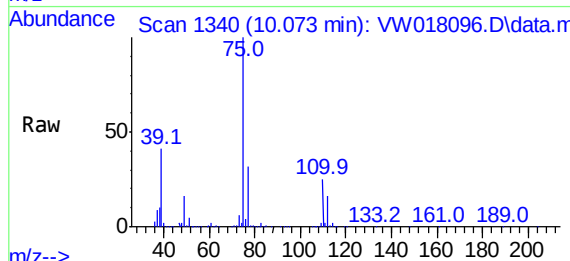




#42
cis-1,3-Dichloropropene
Concen: 24.02 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

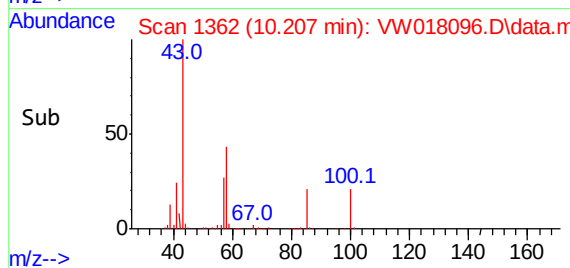
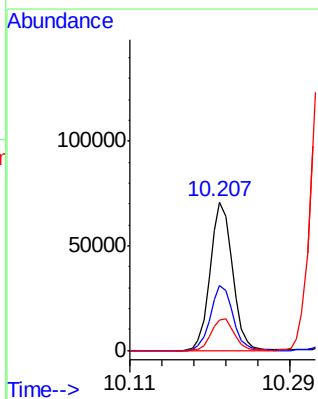
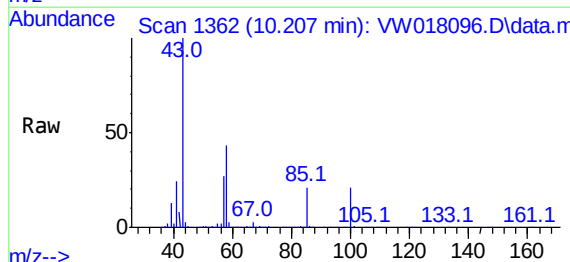
Instrument :
MSVOA_W
ClientSampled :
VSTD02520

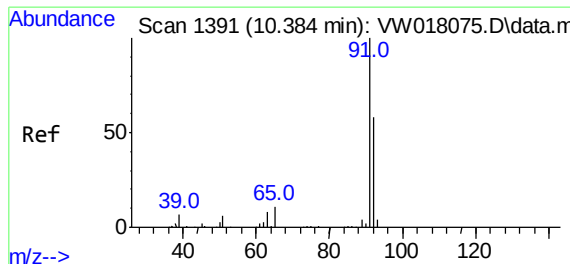
Tgt Ion: 75 Resp: 187948
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 40.66 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 43 Resp: 122753
Ion Ratio Lower Upper
43 100
58 43.9 31.6 47.4
100 21.9 14.1 21.1#

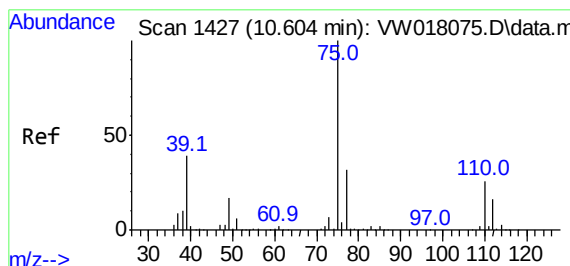
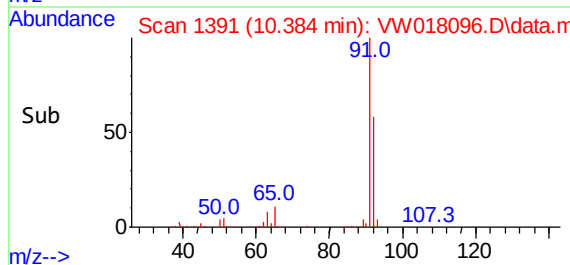
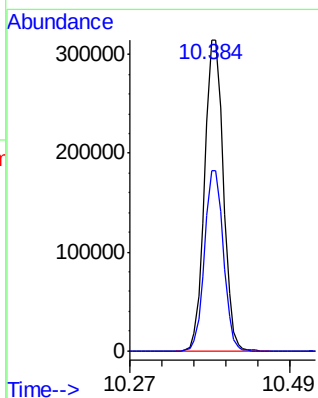
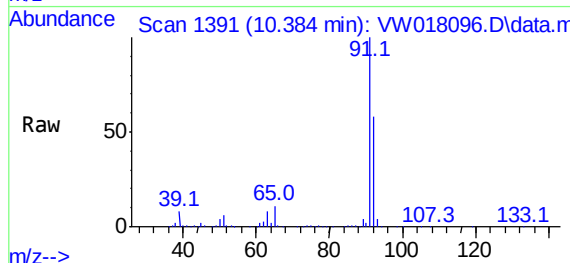




#44
Toluene
Concen: 24.15 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

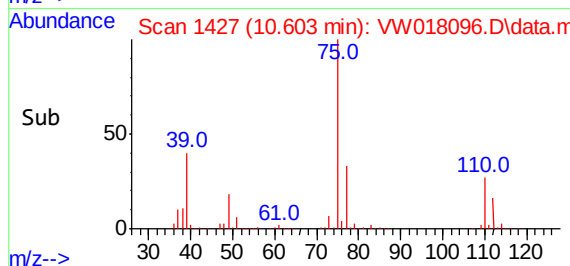
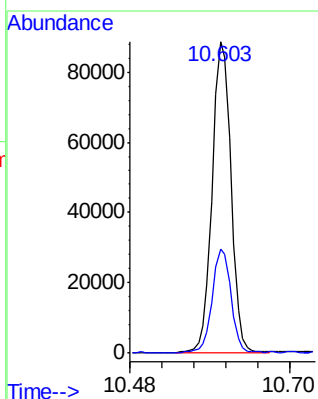
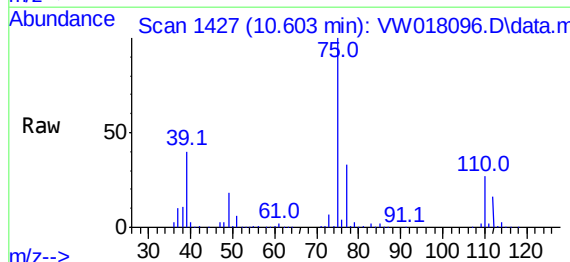
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

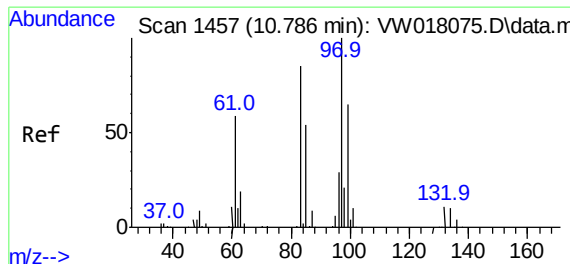
Tgt Ion: 91 Resp: 562413
Ion Ratio Lower Upper
91 100
92 58.1 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 23.20 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 75 Resp: 158041
Ion Ratio Lower Upper
75 100
77 33.3 22.6 42.0



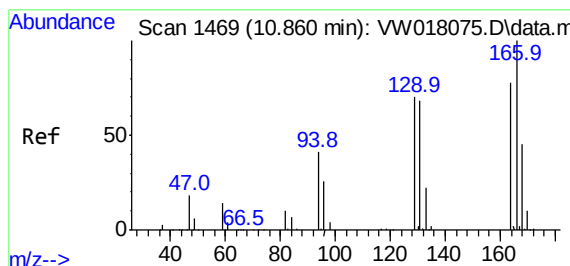
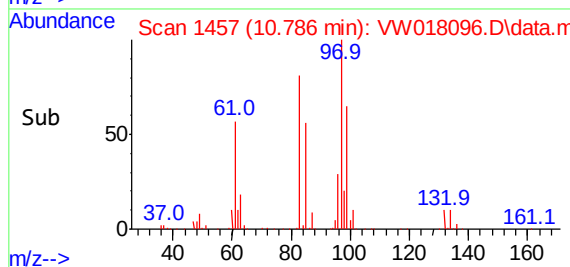
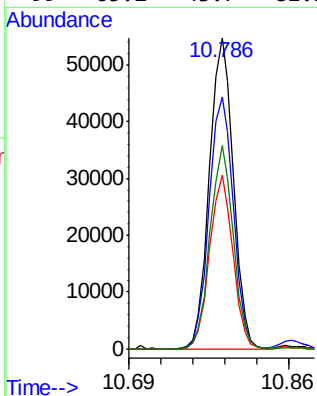
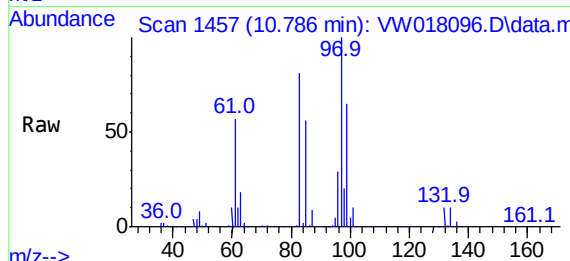


#46
1,1,2-Trichloroethane
Concen: 22.76 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 97 Resp: 94351

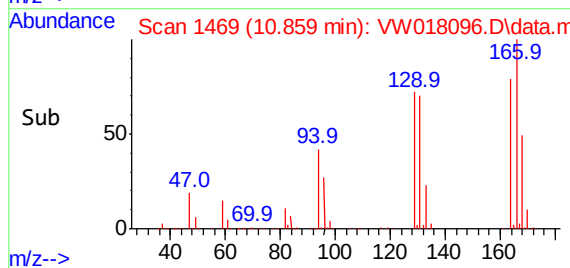
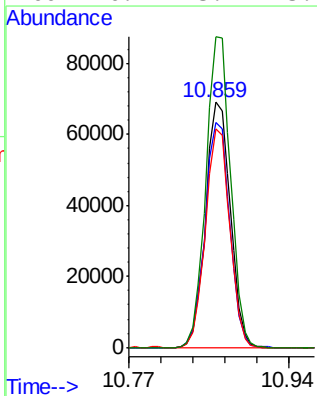
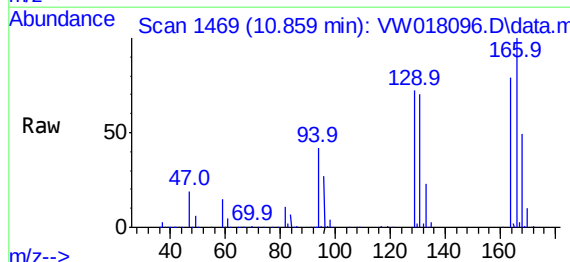
Ion	Ratio	Lower	Upper
97	100		
83	81.1	58.5	108.7
85	55.7	37.8	70.2
99	65.2	43.7	81.1

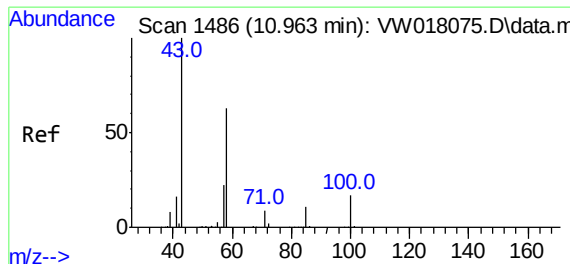


#47
Tetrachloroethene
Concen: 24.03 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 164 Resp: 121982

Ion	Ratio	Lower	Upper
164	100		
129	91.9	67.6	125.6
131	89.2	65.2	121.2
166	126.9	93.2	173.2



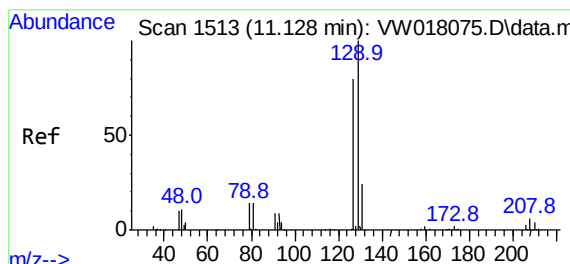
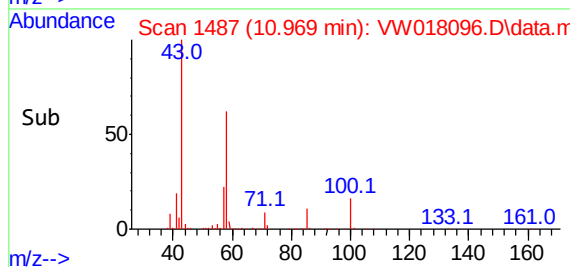
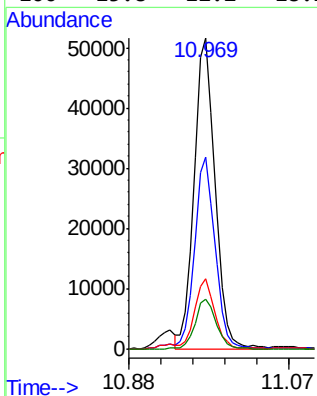
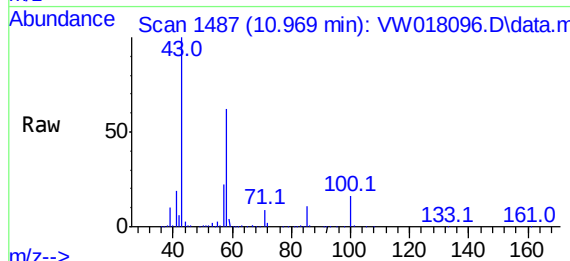


#49
2-Hexanone
Concen: 41.23 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 43 Resp: 86504

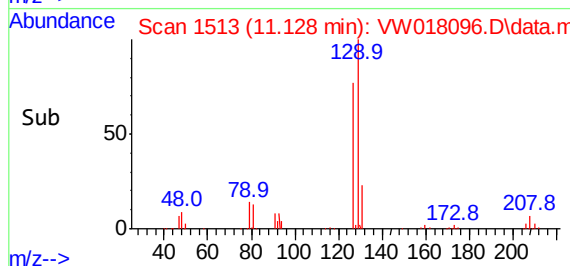
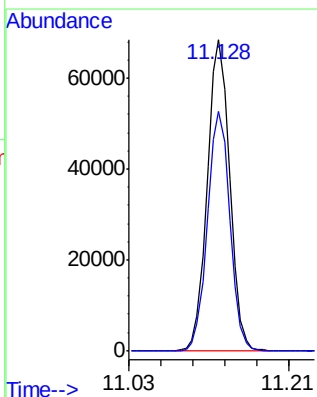
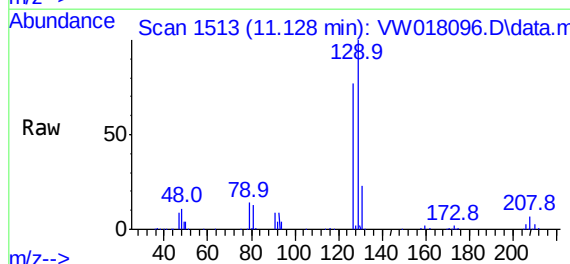
Ion	Ratio	Lower	Upper
43	100		
58	59.8	51.3	76.9
57	21.5	15.0	22.6
100	15.8	12.2	18.2

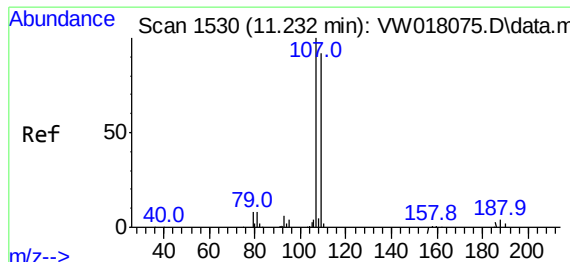


#50
Dibromochloromethane
Concen: 23.95 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 129 Resp: 118933

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.2	98.8

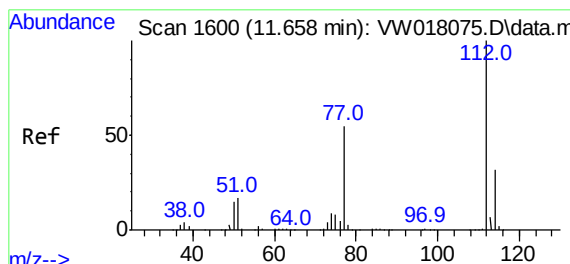
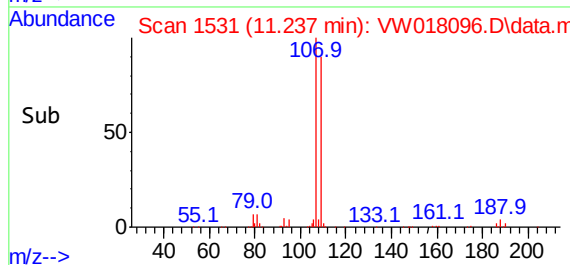
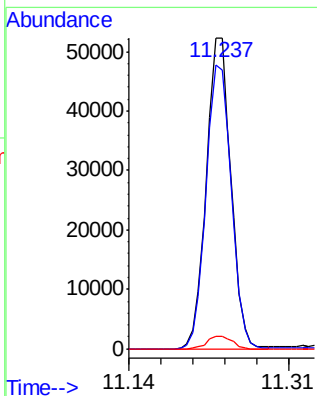
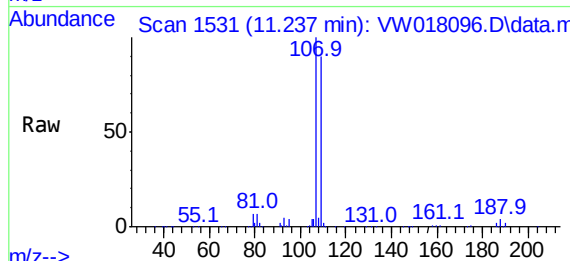




#51
1,2-Dibromoethane
Concen: 22.42 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

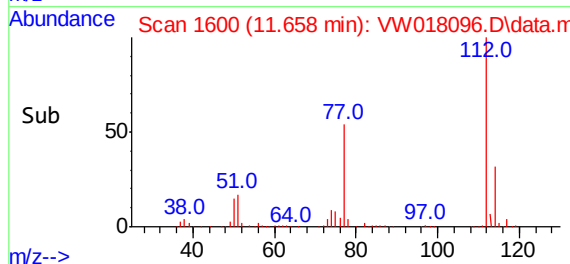
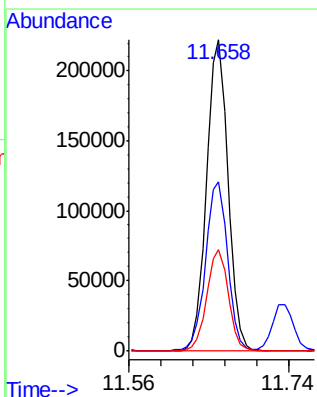
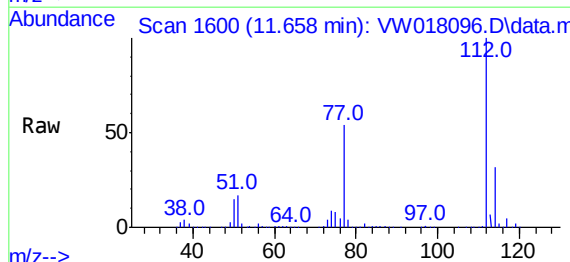
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

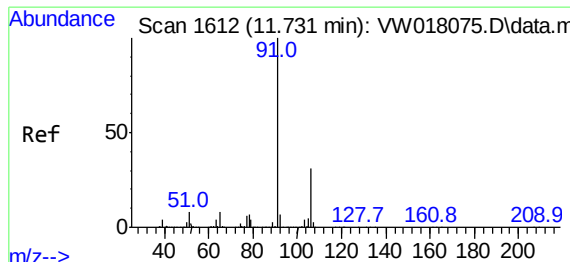
Tgt Ion:107 Resp: 92693
Ion Ratio Lower Upper
107 100
109 89.6 66.4 123.2
188 3.9 4.0 6.0#



#52
Chlorobenzene
Concen: 24.09 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:112 Resp: 369634
Ion Ratio Lower Upper
112 100
77 54.2 42.6 64.0
114 32.4 21.6 40.2

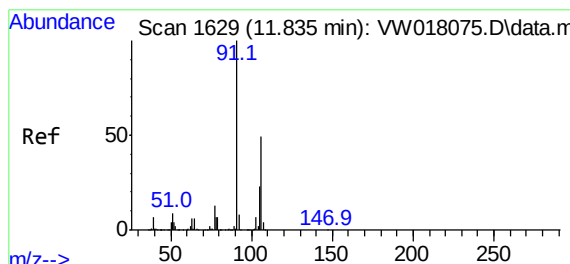
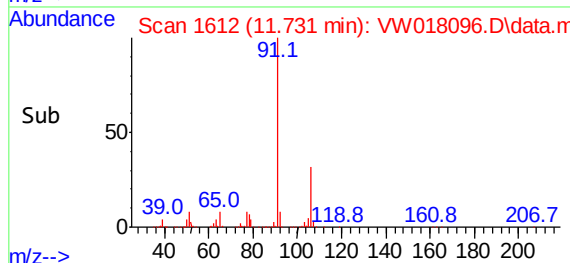
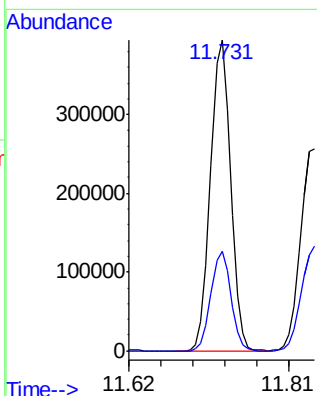
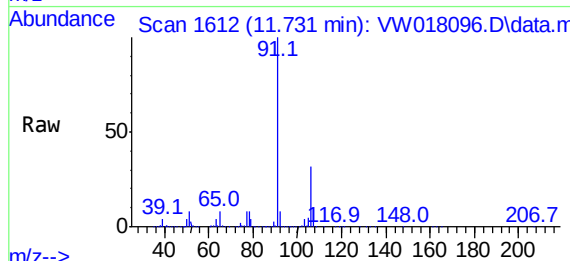




#53
Ethylbenzene
Concen: 23.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

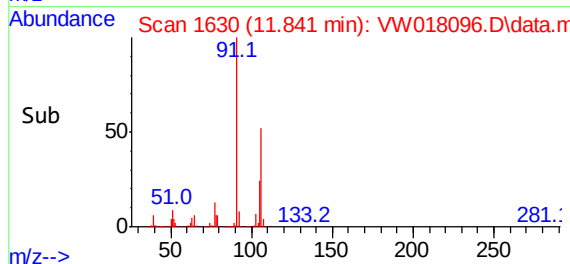
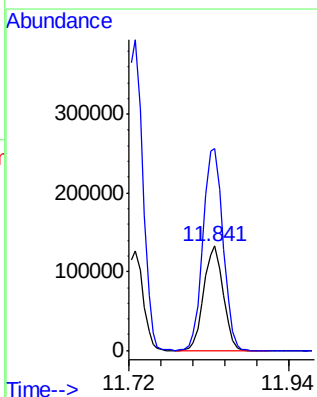
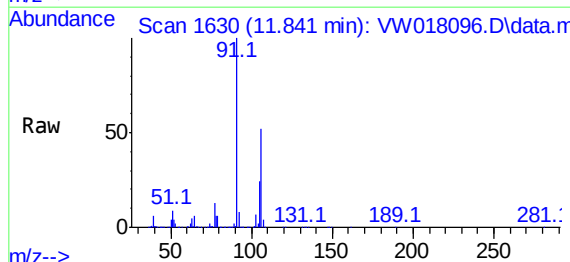
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

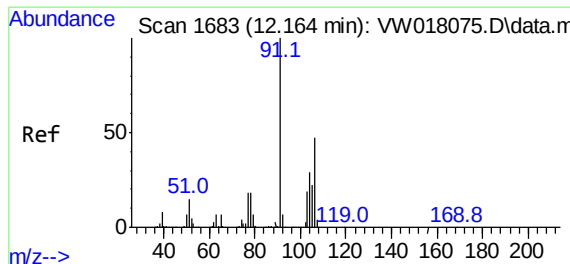
Tgt Ion: 91 Resp: 631909
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.1



#54
m,p-Xylene
Concen: 24.38 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 106 Resp: 245987
Ion Ratio Lower Upper
106 100
91 193.8 136.4 253.4

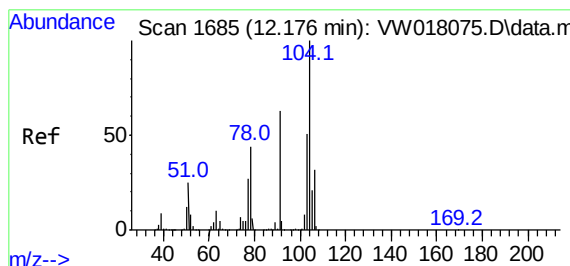
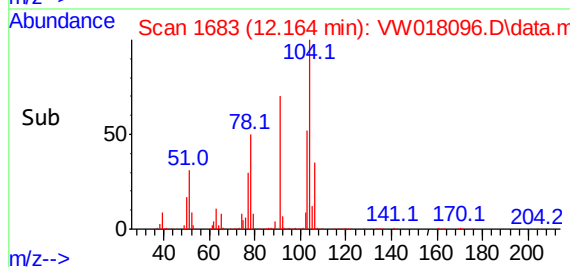
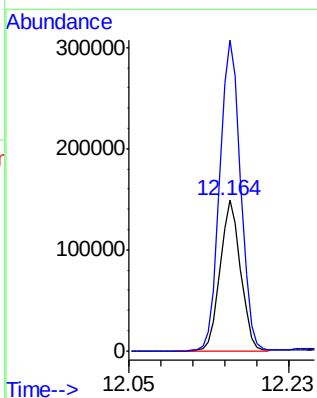
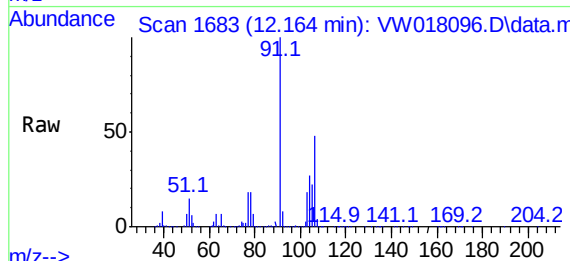




#55
o-xylene
Concen: 24.52 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

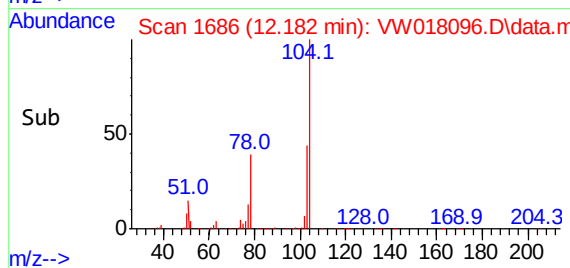
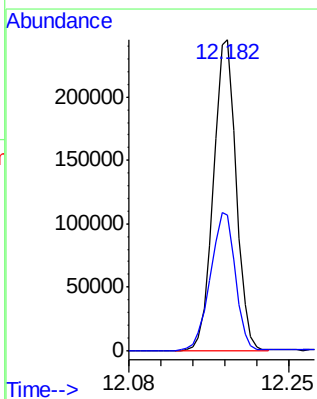
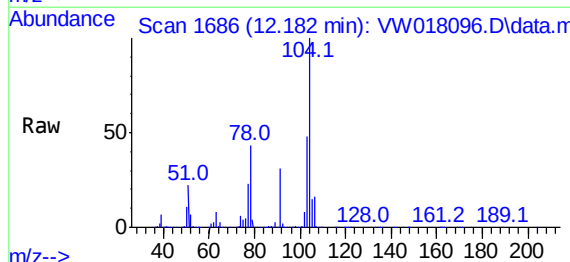
Instrument :
MSVOA_W
ClientSampled :
VSTD02520

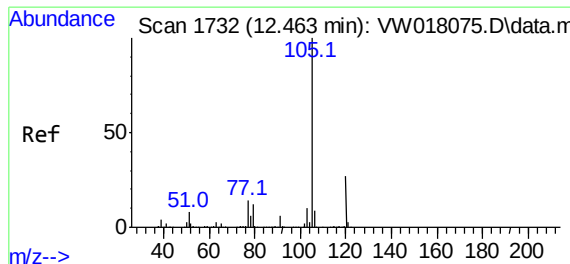
Tgt Ion:106 Resp: 234707
Ion Ratio Lower Upper
106 100
91 206.6 147.6 274.2



#56
Styrene
Concen: 24.64 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:104 Resp: 401221
Ion Ratio Lower Upper
104 100
78 43.4 31.3 58.1

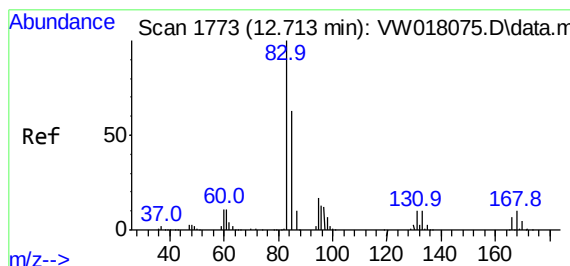
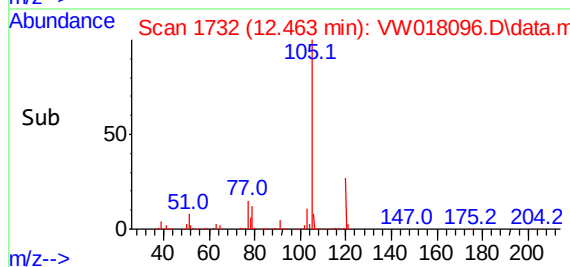
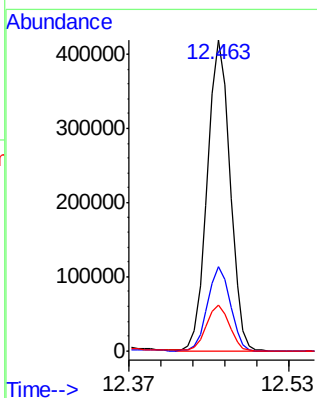
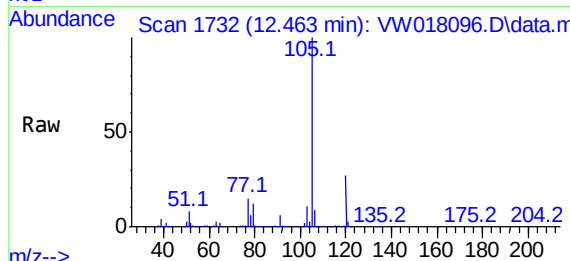




#57
Isopropylbenzene
Concen: 24.24 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

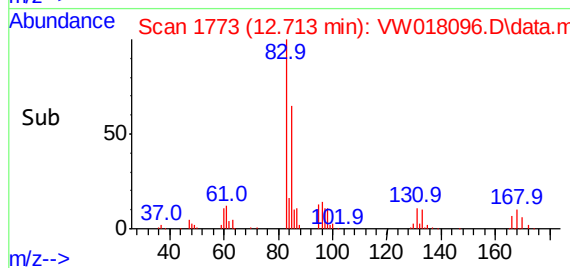
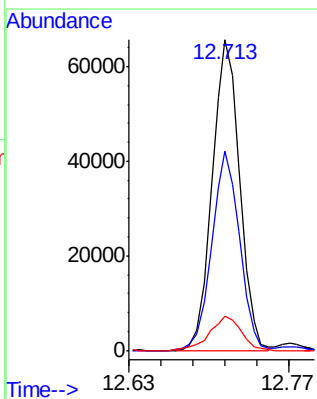
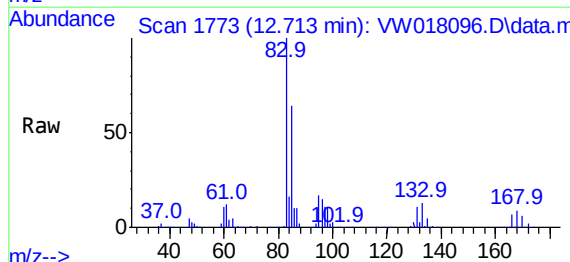
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

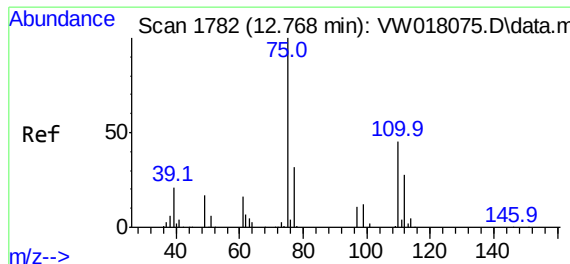
Tgt Ion:105 Resp: 646316
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 21.90 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 83 Resp: 107387
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1
131 10.9 8.3 12.5

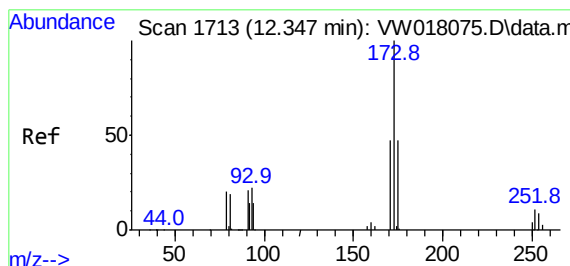
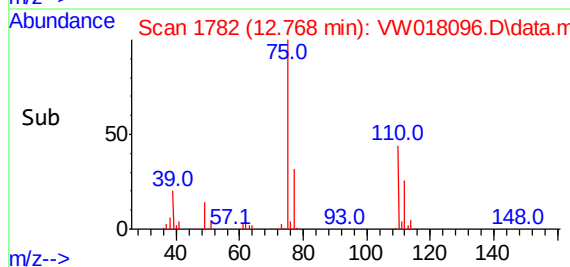
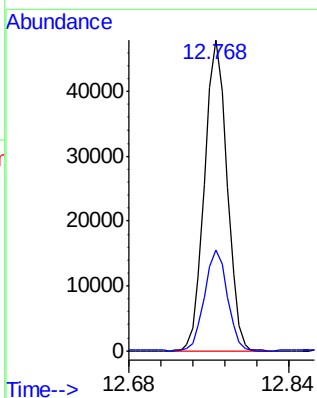
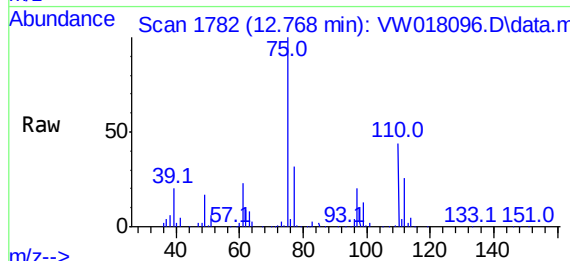




#59
1,2,3-Trichloropropane
Concen: 20.93 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

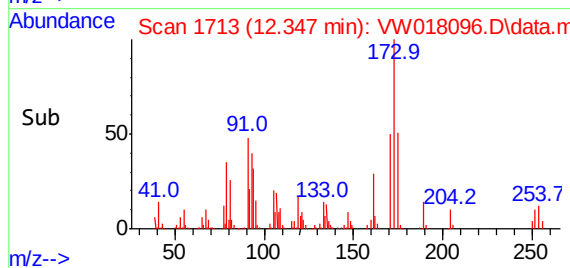
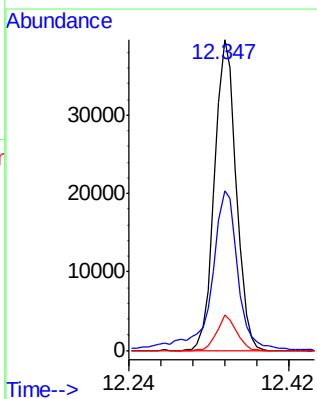
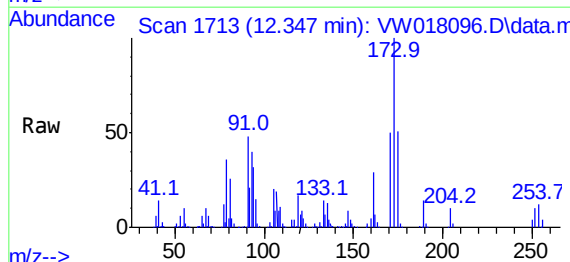
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

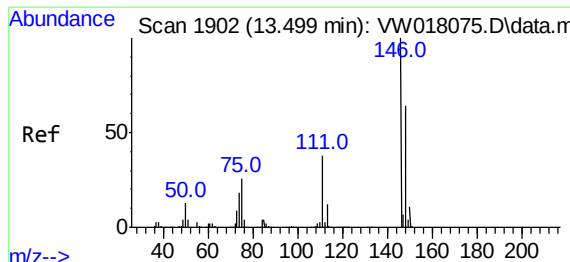
Tgt Ion: 75 Resp: 77746
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 22.18 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 173 Resp: 66517
Ion Ratio Lower Upper
173 100
175 59.0 39.1 58.7#
254 10.6 7.1 10.7

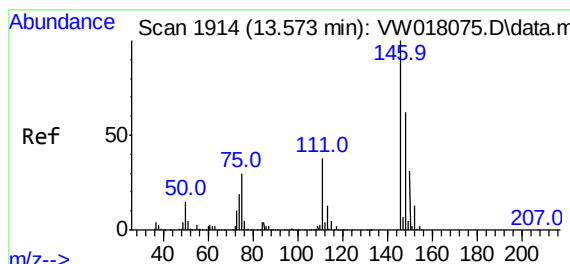
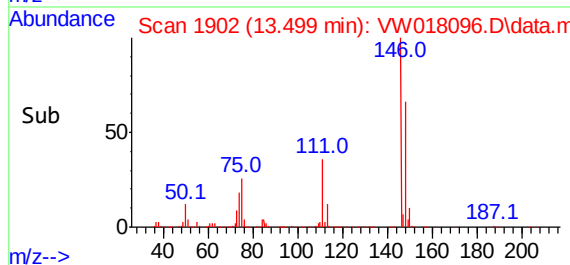
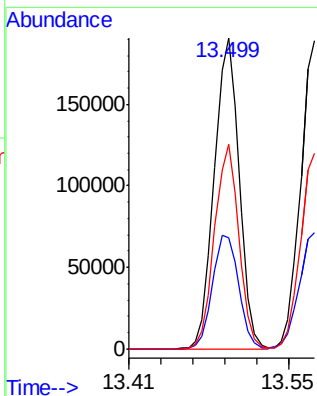
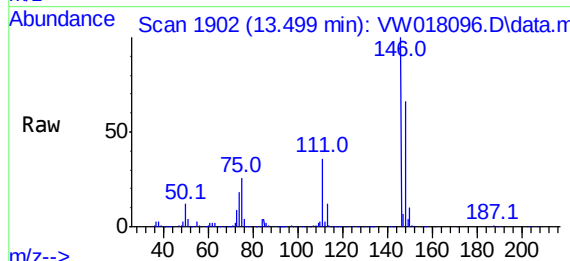




#63
1,3-Dichlorobenzene
Concen: 24.49 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

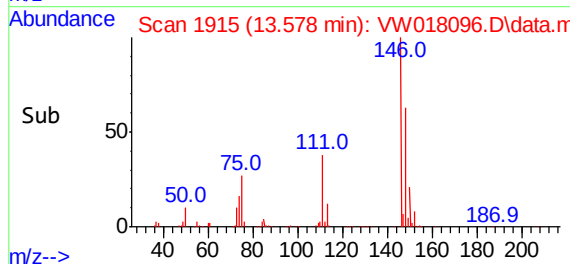
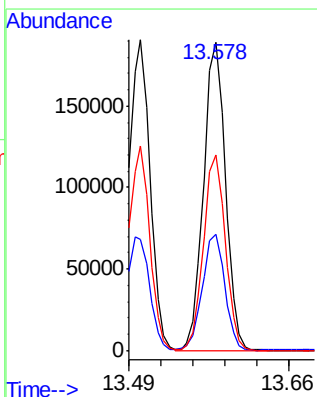
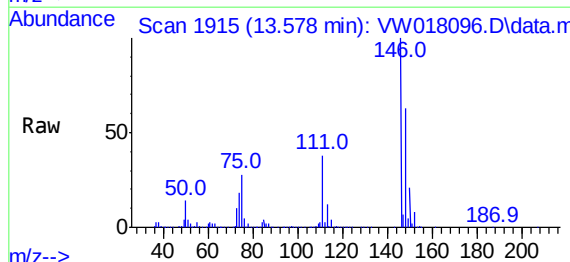
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

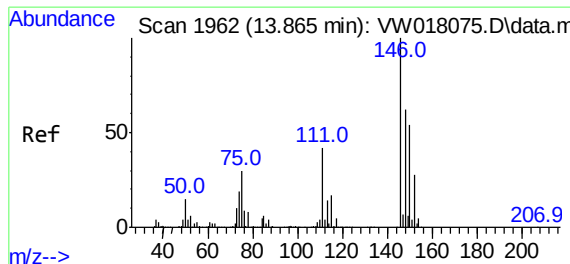
Tgt Ion:146 Resp: 303885
Ion Ratio Lower Upper
146 100
111 35.7 28.5 52.9
148 65.8 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 23.92 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:146 Resp: 298453
Ion Ratio Lower Upper
146 100
111 37.6 27.7 51.5
148 63.3 47.0 87.2

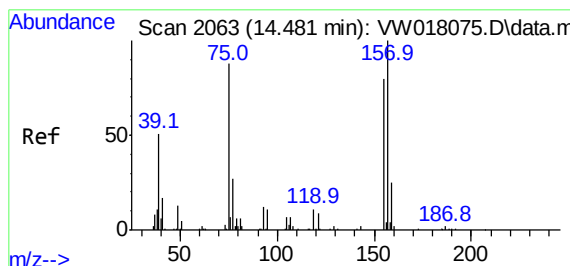
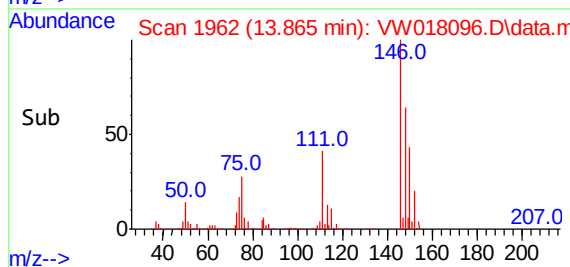
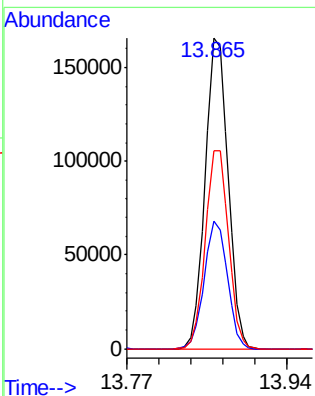
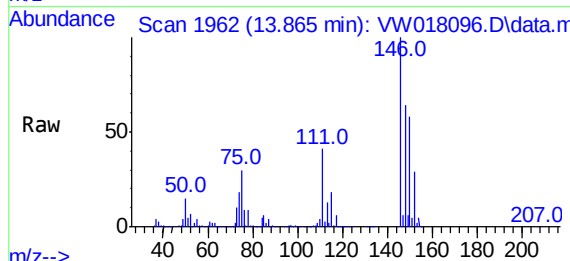




#65
1,2-Dichlorobenzene
Concen: 24.42 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

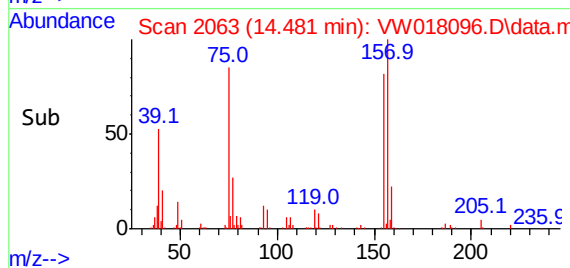
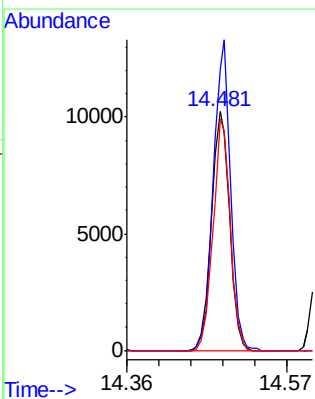
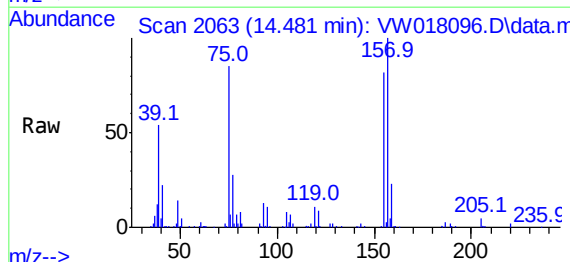
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

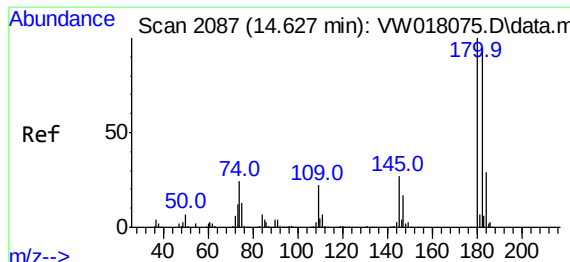
Tgt Ion:146 Resp: 273202
Ion Ratio Lower Upper
146 100
111 41.0 31.7 47.5
148 63.6 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.96 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion: 75 Resp: 16913
Ion Ratio Lower Upper
75 100
157 118.1 99.9 149.9
155 96.9 71.4 107.0

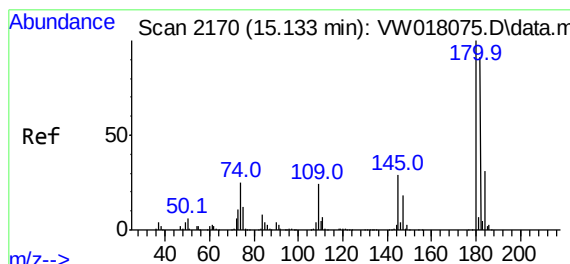
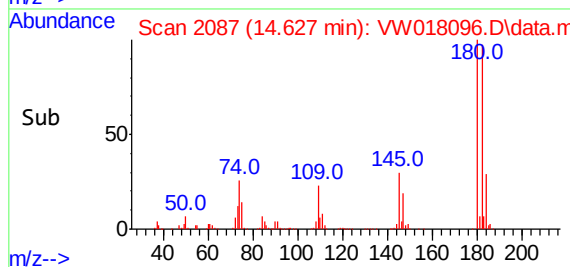
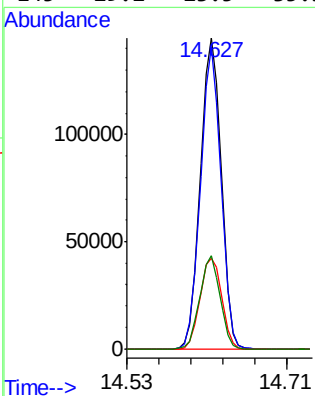
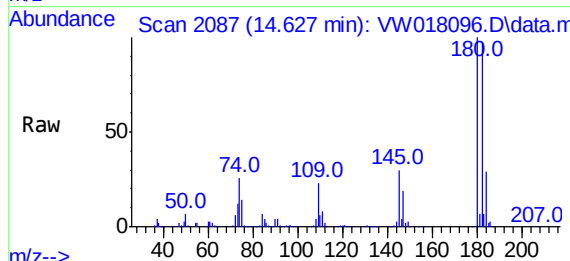




#67
1,3,5-Trichlorobenzene
Concen: 24.61 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

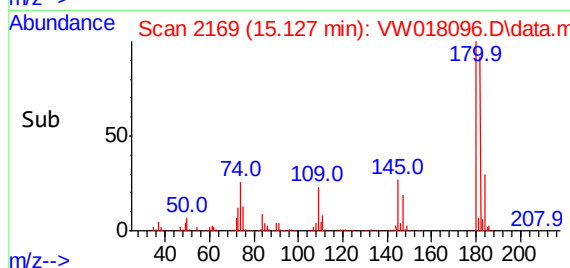
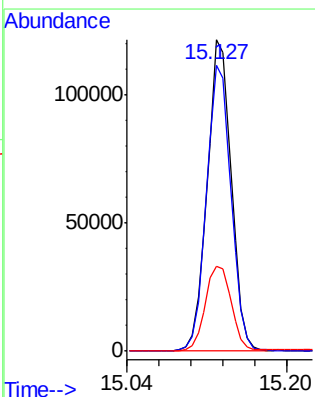
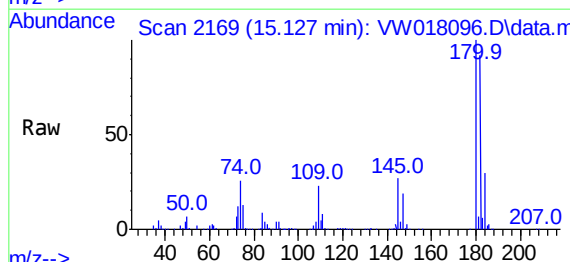
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

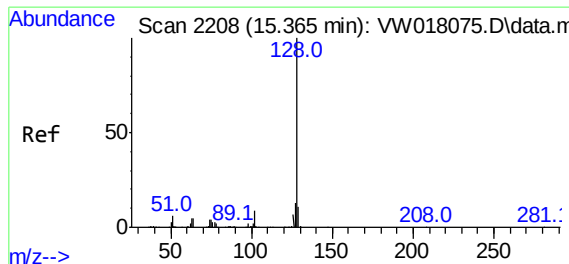
Tgt Ion:180 Resp: 234540
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.6
184 30.2 24.2 36.4
145 29.2 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 24.72 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:180 Resp: 196420
Ion Ratio Lower Upper
180 100
182 93.7 71.3 106.9
145 29.3 24.0 36.0



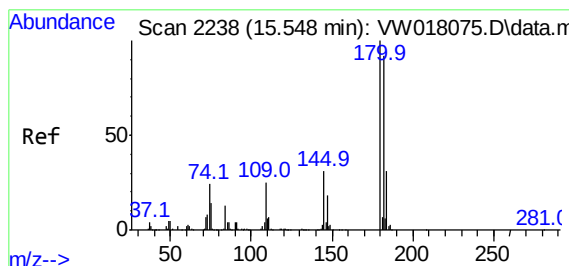
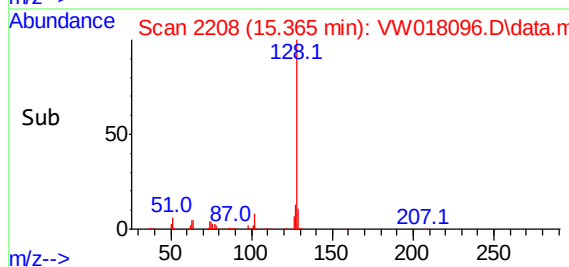
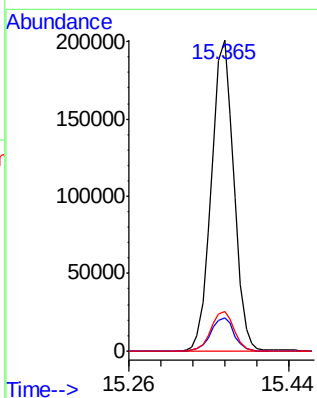
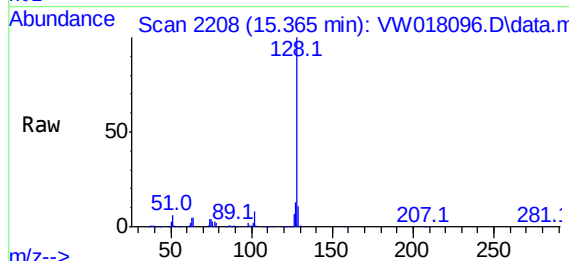


#69
Naphthalene
Concen: 22.62 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion:128 Resp: 349739

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.7	16.1



#70
1,2,3-Trichlorobenzene
Concen: 23.78 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018096.D
Acq: 11 Feb 2021 19:37

Tgt Ion:180 Resp: 168458

Ion	Ratio	Lower	Upper
180	100		
182	96.8	74.7	112.1
145	31.7	25.4	38.0

