

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020321\
 Data File : VW018021.D
 Acq On : 03 Feb 2021 09:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Feb 03 21:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	379844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	344610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	179892	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	120532	25.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.12%			
7) Chloroethane-d5	2.892	69	94436	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.84%			
10) 1,1-Dichloroethene-d2	4.025	63	245691	26.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.12%			
20) 2-Butanone-d5	7.074	46	66908	53.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.22%			
24) Chloroform-d	7.647	84	258480	25.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.72%			
26) 1,2-Dichloroethane-d4	8.305	65	136928	25.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%			
29) Benzene-d6	8.275	84	497563	26.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.16%			
33) 1,2-Dichloropropane-d6	9.275	67	138733	26.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.88%			
37) Toluene-d8	10.323	98	481074	26.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.88%			
38) trans-1,3-Dichloroprop...	10.573	79	67124	27.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.92%			
39) 2-Hexanone-d5	10.921	63	56357	55.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.40%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	126668	27.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.00%			
61) 1,2-Dichlorobenzene-d4	13.853	152	170383	26.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	135511	26.37	ug/L	100
3) Chloromethane	2.215	50	98423	26.00	ug/L	98
5) Vinyl chloride	2.367	62	142261	27.25	ug/L	98
6) Bromomethane	2.782	94	94413	25.43	ug/L	99
8) Chloroethane	2.928	64	82102	26.32	ug/L	99
9) Trichlorofluoromethane	3.263	101	100056	26.51	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141412	26.21	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	135917	26.78	ug/L	98
13) Acetone	4.117	43	44061	47.27	ug/L	97
14) Carbon disulfide	4.385	76	402816	27.25	ug/L	99
15) Methyl Acetate	4.666	43	55164	26.68	ug/L	98
16) Methylene chloride	4.916	84	131874	21.66	ug/L	94
17) Methyl tert-butyl Ether	5.422	73	147125	25.82	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	142107	26.20	ug/L	98
19) 1,1-Dichloroethane	6.214	63	223766	25.56	ug/L	98
21) 2-Butanone	7.165	43	69954	49.30	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	145406	25.85	ug/L	97
23) Bromochloromethane	7.513	128	69066	25.54	ug/L	90
25) Chloroform	7.671	83	241946	25.33	ug/L	99
27) 1,2-Dichloroethane	8.397	62	155910	25.15	ug/L	99

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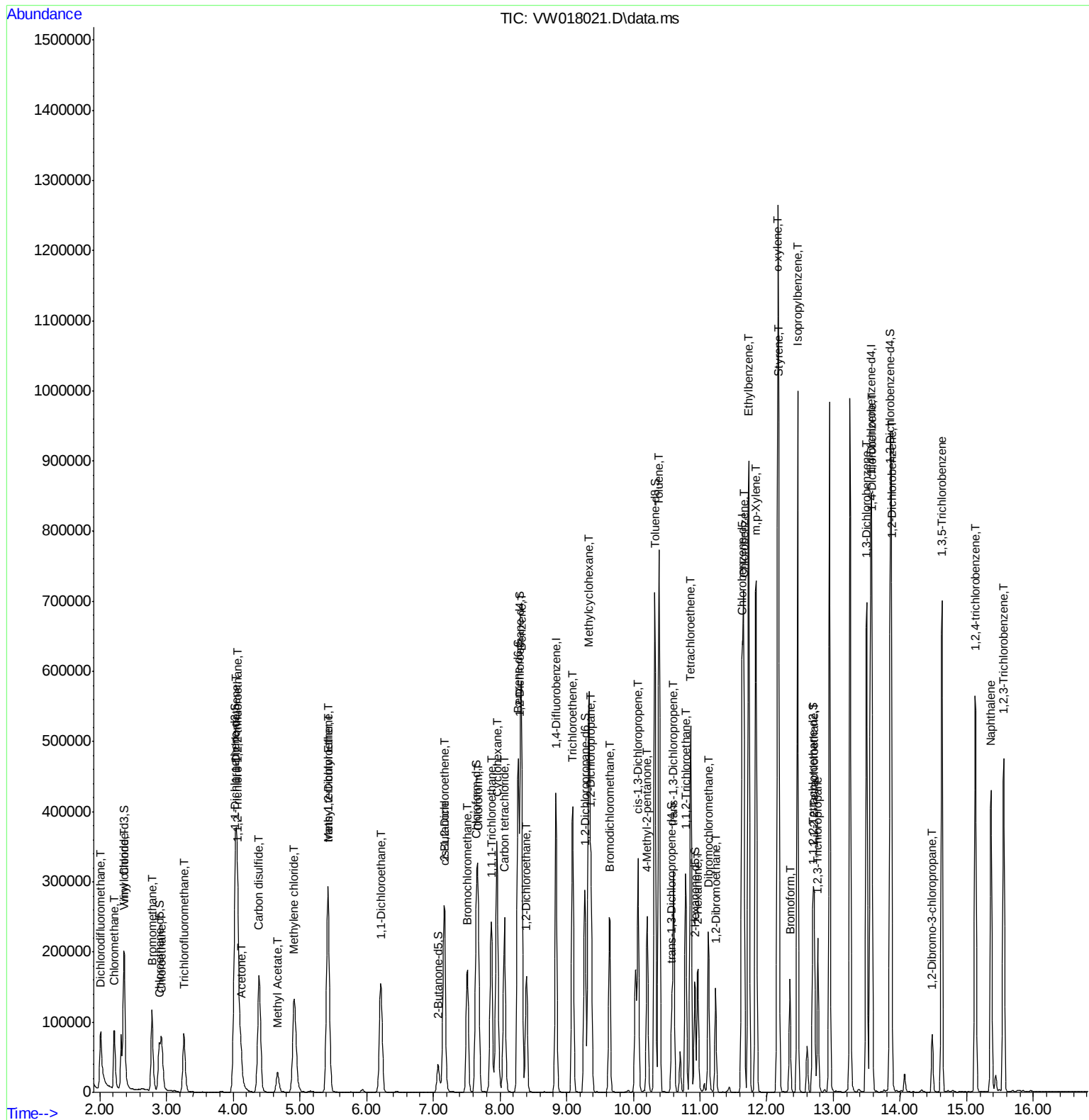
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	209843	26.62	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	203706	26.66	ug/L	98
32) Carbon tetrachloride	8.067	117	199857	27.01	ug/L	99
34) Benzene	8.323	78	525056	26.07	ug/L	100
35) Trichloroethene	9.092	95	144991	25.55	ug/L	98
36) Methylcyclohexane	9.336	83	246665	25.84	ug/L	98
40) 1,2-Dichloropropane	9.366	63	120555	26.08	ug/L	100
41) Bromodichloromethane	9.640	83	171458	25.91	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	199672	26.81	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	151257	52.63	ug/L	94
44) Toluene	10.384	91	574897	25.93	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	174431	26.90	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	101385	25.70	ug/L	98
47) Tetrachloroethene	10.860	164	126743	26.23	ug/L	97
49) 2-Hexanone	10.969	43	107616	53.89	ug/L	95
50) Dibromochloromethane	11.128	129	123721	26.17	ug/L	97
51) 1,2-Dibromoethane	11.232	107	101740	25.85	ug/L	97
52) Chlorobenzene	11.658	112	372495	25.51	ug/L	97
53) Ethylbenzene	11.731	91	643256	25.54	ug/L	97
54) m,p-Xylene	11.841	106	249481	25.97	ug/L	95
55) o-xylene	12.164	106	232353	25.50	ug/L	91
56) Styrene	12.183	104	402368	25.97	ug/L	96
57) Isopropylbenzene	12.463	105	647234	25.50	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	119177	25.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	90703	25.65	ug/L	99
62) Bromoform	12.347	173	73409	26.48	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	295489	25.77	ug/L	99
64) 1,4-Dichlorobenzene	13.579	146	297909	25.83	ug/L	94
65) 1,2-Dichlorobenzene	13.871	146	265429	25.67	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	20570	26.26	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	236525	26.85	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	192039	26.15	ug/L	95
69) Naphthalene	15.365	128	385505	26.98	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	169020	25.82	ug/L	99

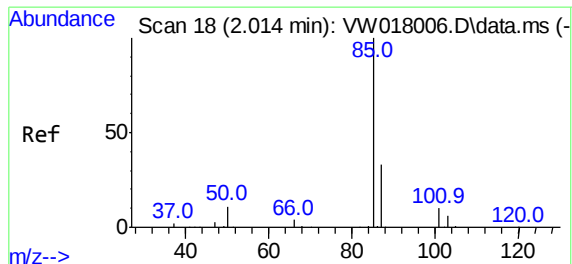
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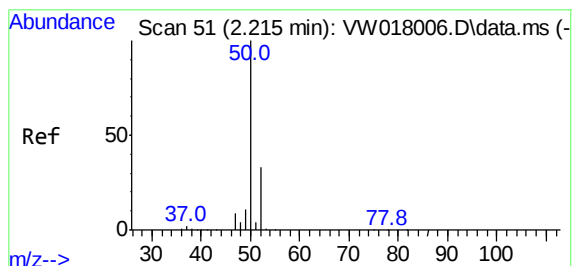
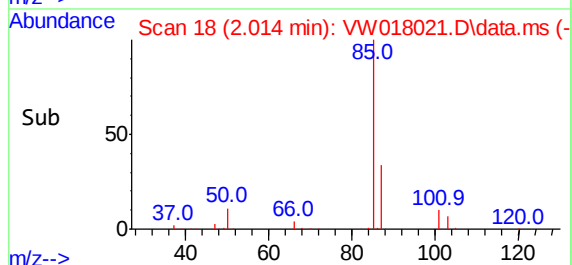
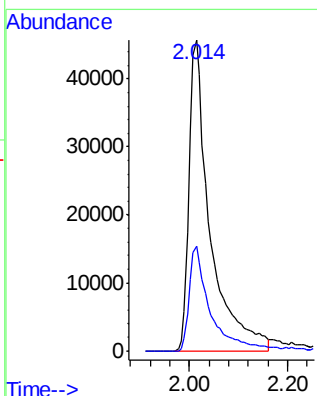
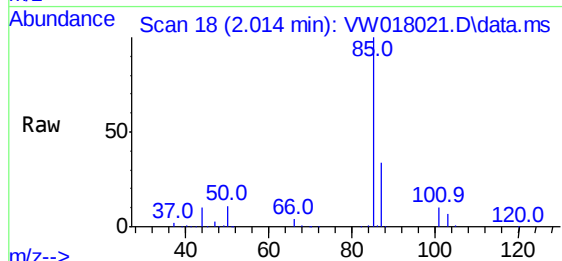




#2
Dichlorodifluoromethane
Concen: 26.37 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

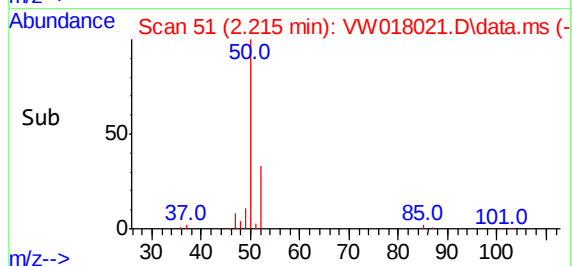
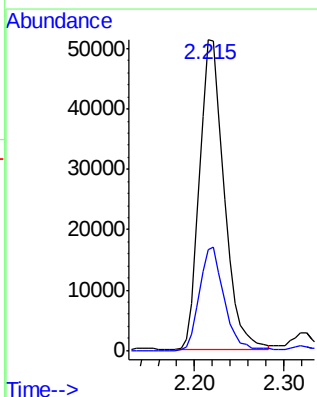
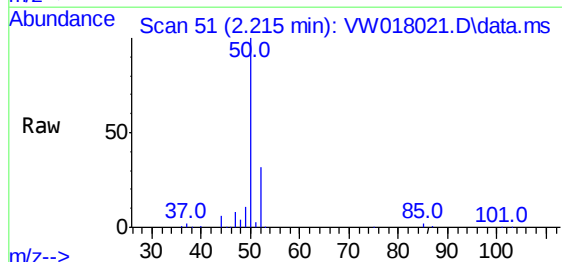
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MSVOA_W
ClientSampleId :
VSTD02509

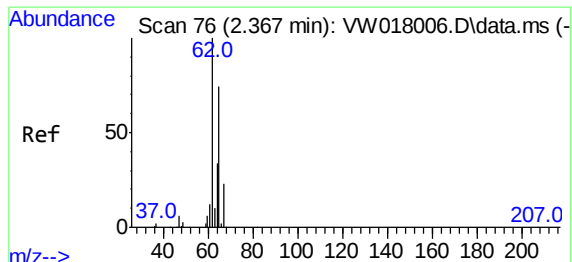
Tgt Ion: 85 Resp: 135511
Ion Ratio Lower Upper
85 100
87 32.9 23.2 43.0



#3
Chloromethane
Concen: 26.00 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 50 Resp: 98423
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.6



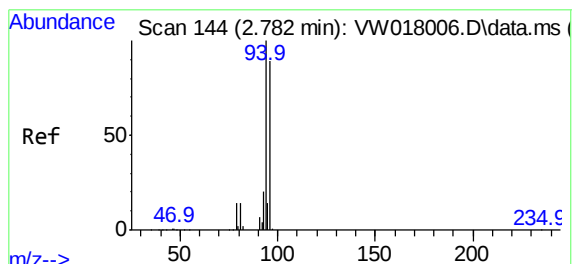
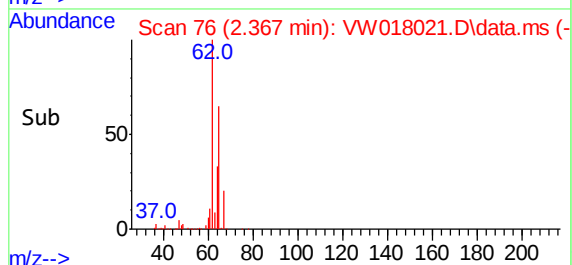
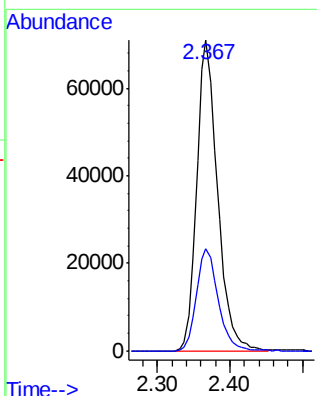
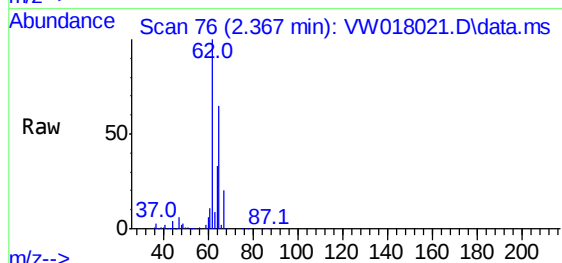


#5
 Vinyl chloride
 Concen: 27.25 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018021.D
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Tgt Ion: 62 Resp: 142261

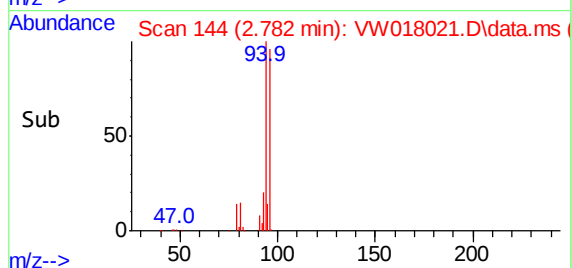
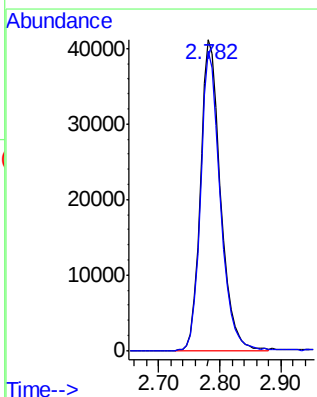
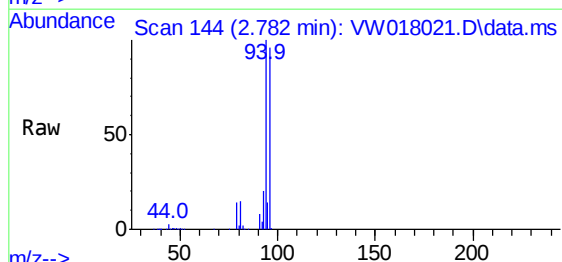
Ion	Ratio	Lower	Upper
62	100		
64	32.9	23.9	44.5

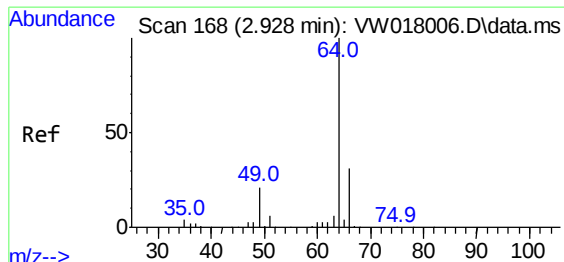


#6
 Bromomethane
 Concen: 25.43 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018021.D
 Acq: 03 Feb 2021 09:39

Tgt Ion: 94 Resp: 94413

Ion	Ratio	Lower	Upper
94	100		
96	94.5	9.4	178.0

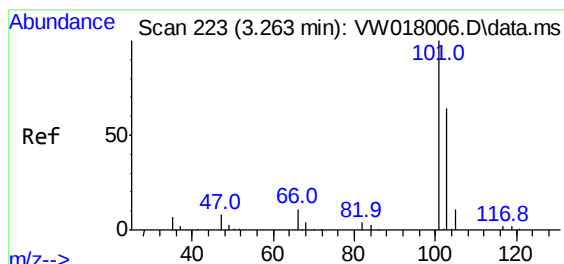
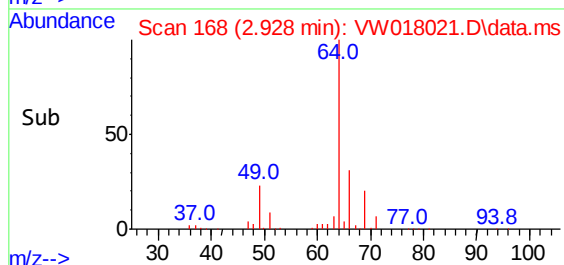
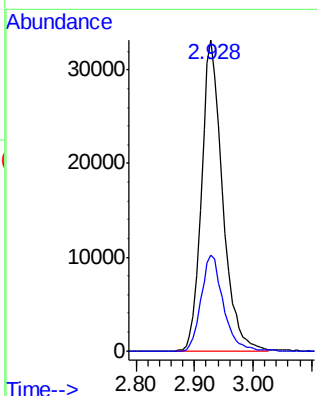
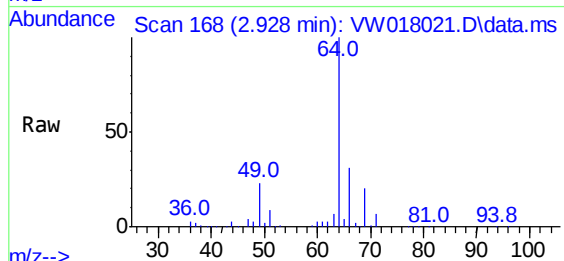




#8
Chloroethane
Concen: 26.32 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

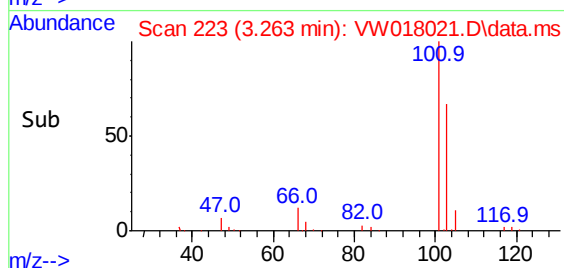
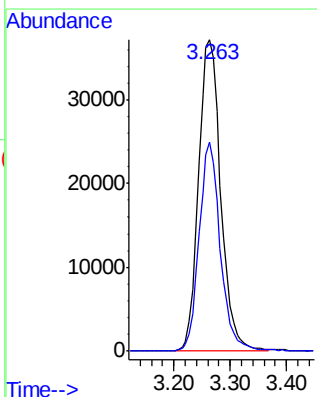
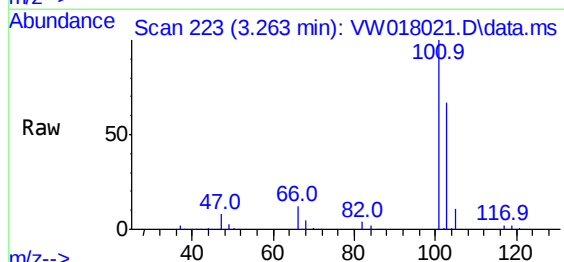
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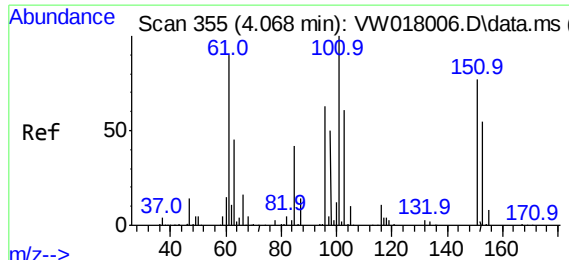
Tgt Ion: 64 Resp: 82102
Ion Ratio Lower Upper
64 100
66 30.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 26.51 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:101 Resp: 100056
Ion Ratio Lower Upper
101 100
103 63.8 45.0 83.6

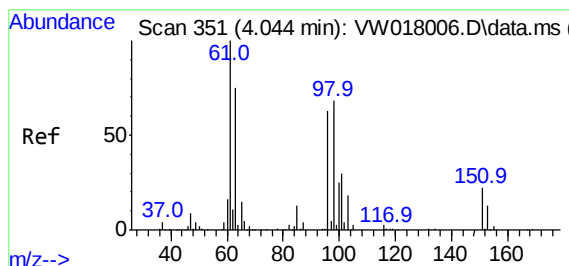
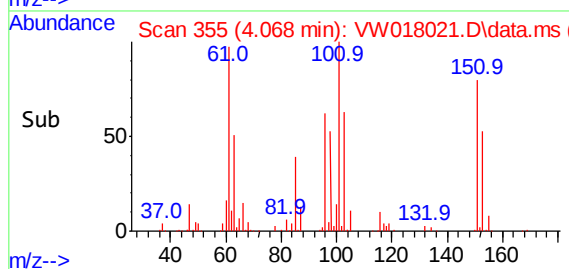
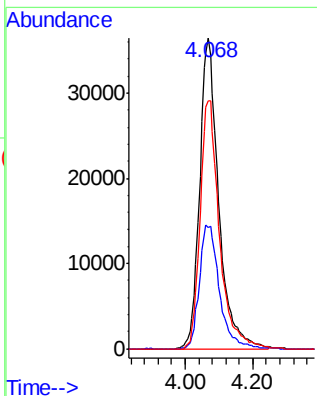
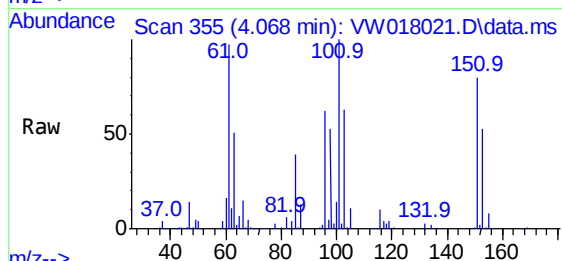




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.21 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018021.D
 Acq: 03 Feb 2021 09:39

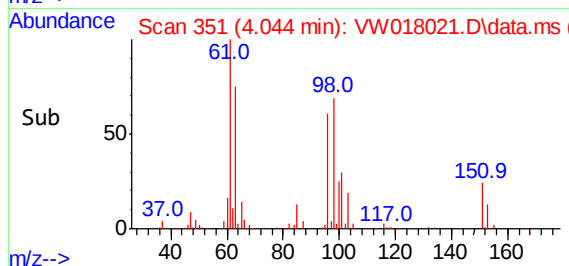
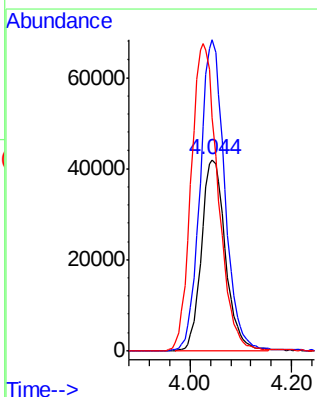
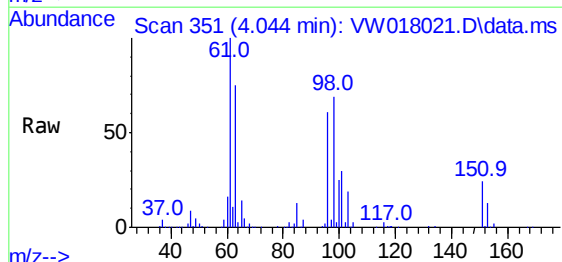
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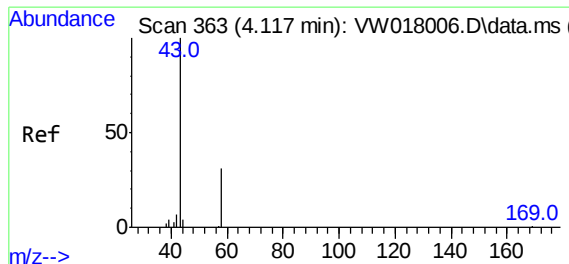
Tgt Ion:101 Resp: 141412
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.2 51.4
 151 81.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.78 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018021.D
 Acq: 03 Feb 2021 09:39

Tgt Ion: 96 Resp: 135917
 Ion Ratio Lower Upper
 96 100
 61 162.9 112.5 208.9
 63 122.3 83.1 154.3

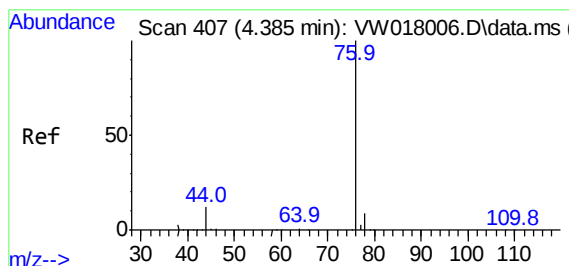
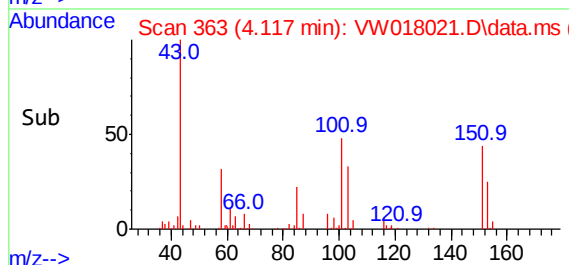
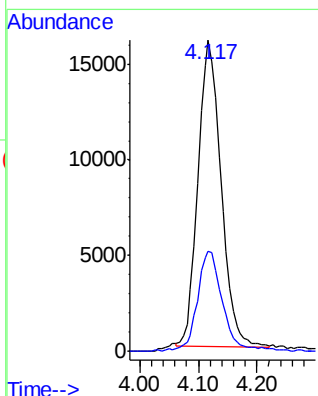
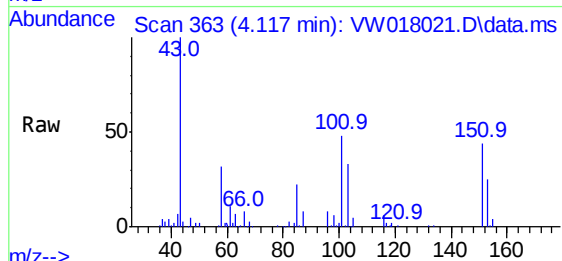




#13
Acetone
Concen: 47.27 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

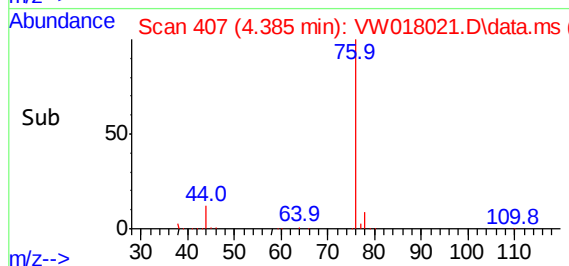
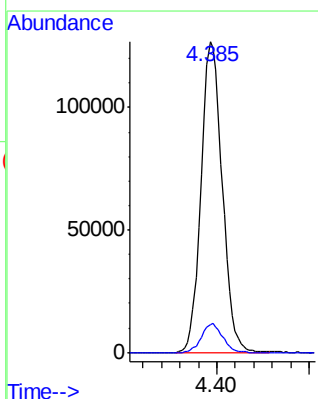
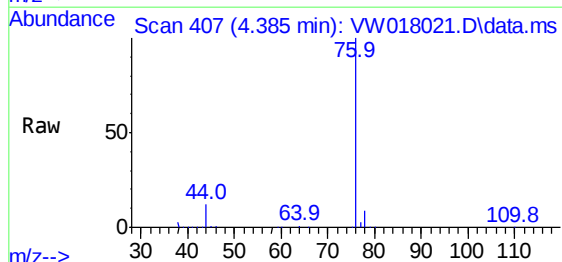
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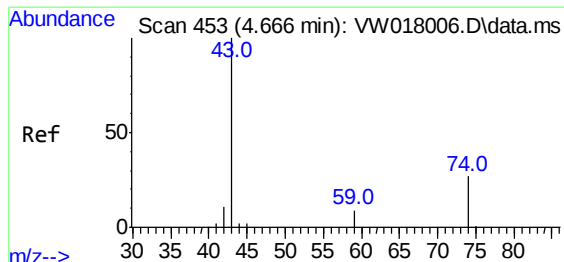
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Ion Ratio Lower Upper
43 100
58 32.6 0.0 68.4



#14
Carbon disulfide
Concen: 27.25 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Acq: 03 Feb 2021 09:39

Tgt Ion: 76 Resp: 402816
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

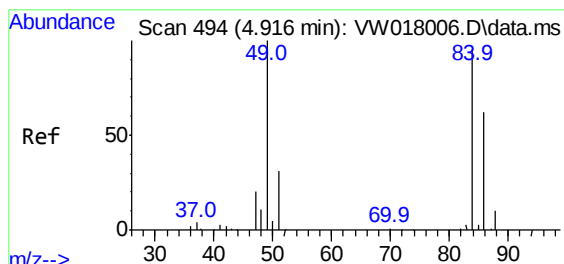
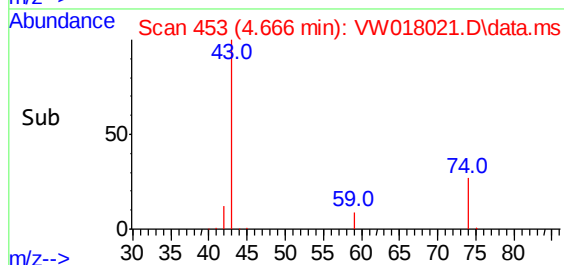
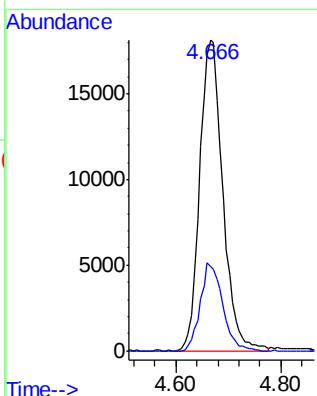
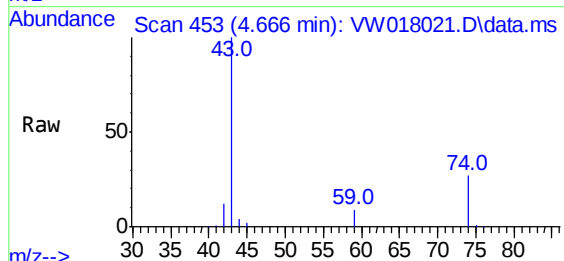




#15
Methyl Acetate
Concen: 26.68 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

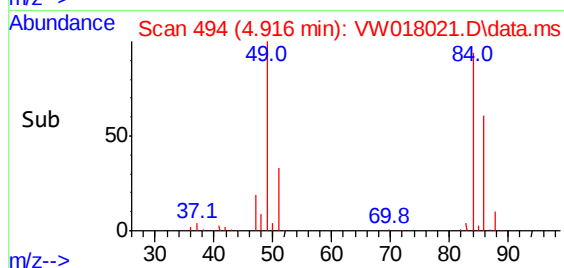
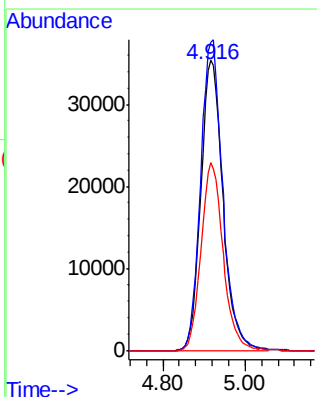
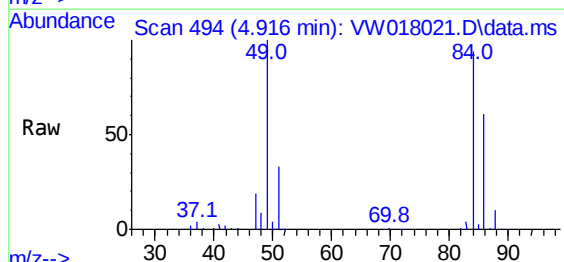
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

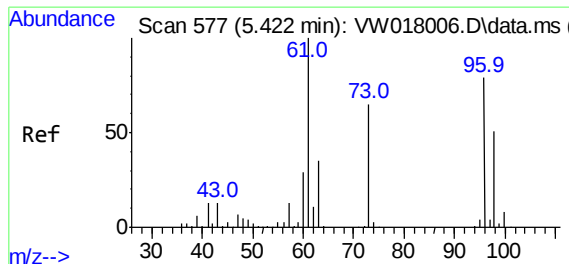
Tgt Ion: 43 Resp: 55164
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1



#16
Methylene chloride
Concen: 21.66 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 84 Resp: 131874
Ion Ratio Lower Upper
84 100
49 106.4 81.2 150.8
86 64.7 44.5 82.7



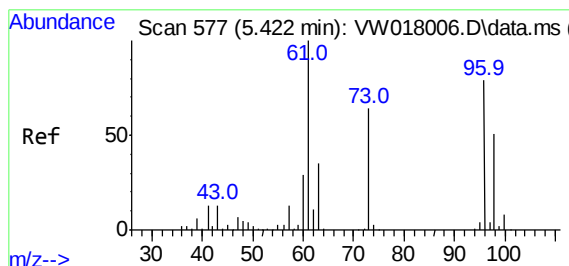
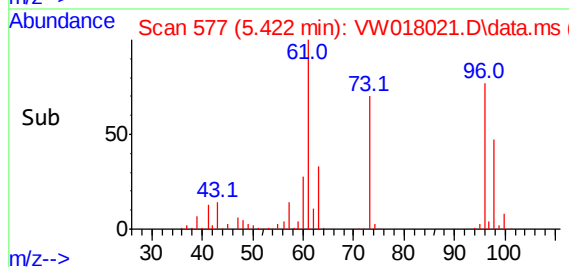
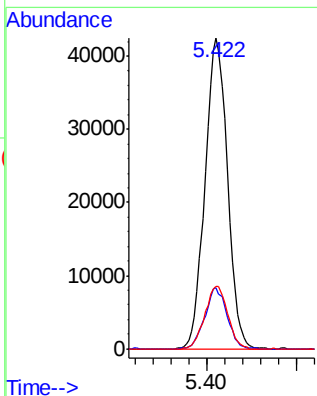
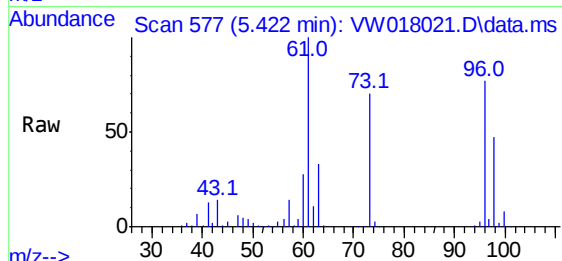


#17
Methyl tert-butyl Ether
Concen: 25.82 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 73 Resp: 147125

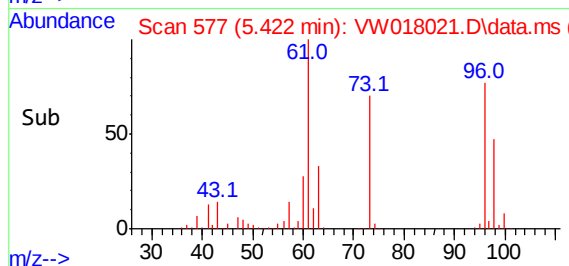
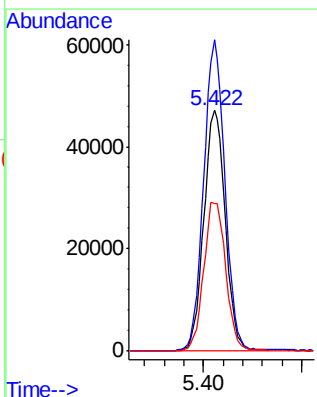
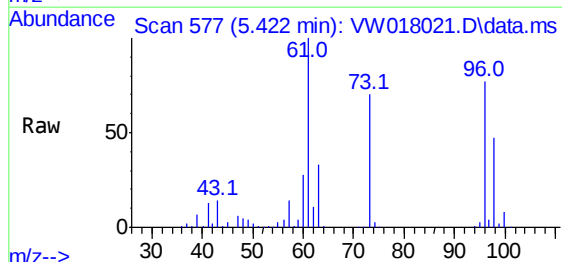
Ion	Ratio	Lower	Upper
73	100		
43	19.5	16.2	24.4
57	20.4	17.2	25.8

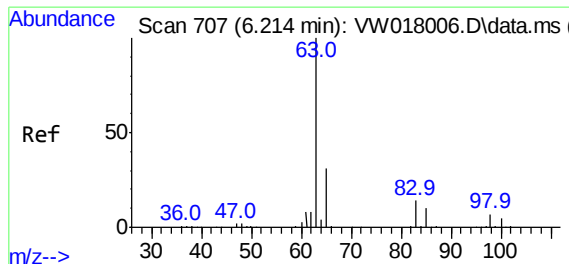


#18
trans-1,2-Dichloroethene
Concen: 26.20 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 96 Resp: 142107

Ion	Ratio	Lower	Upper
96	100		
61	129.4	92.7	172.1
98	61.3	43.3	80.3

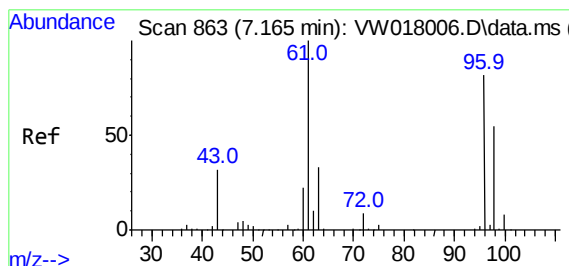
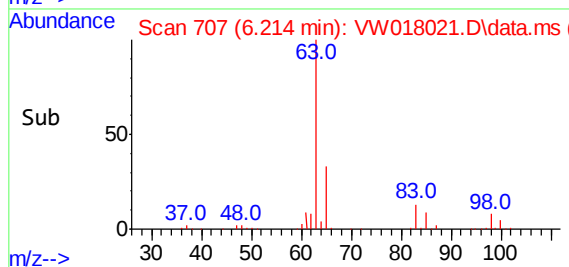
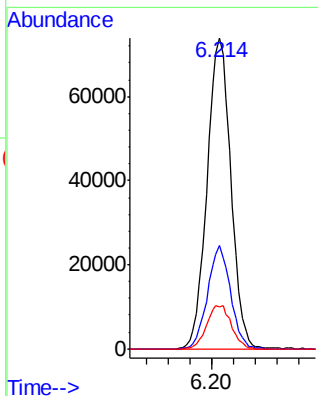
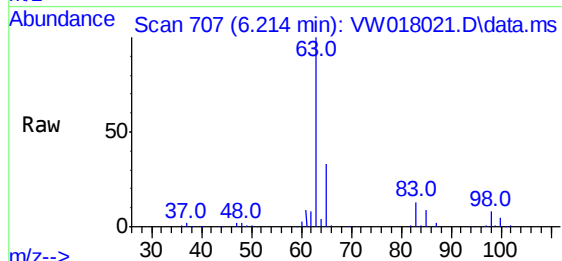




#19
1,1-Dichloroethane
Concen: 25.56 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

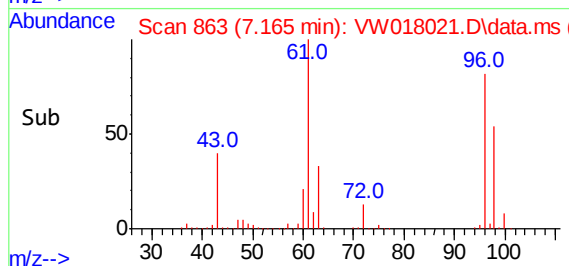
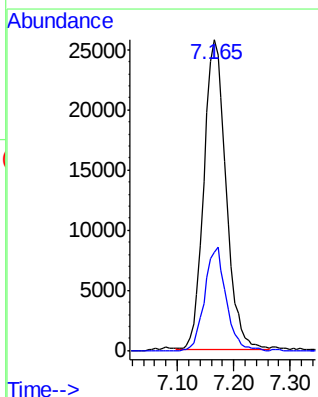
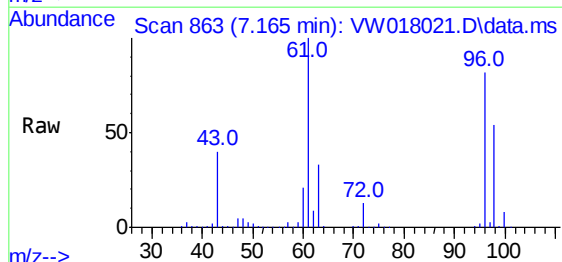
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

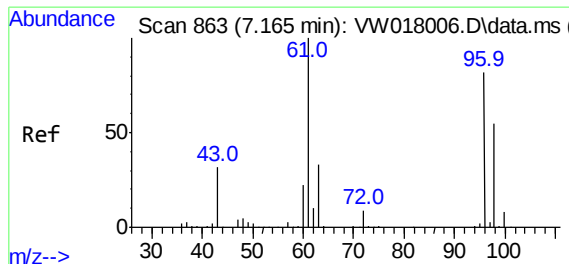
Tgt Ion: 63 Resp: 223766
Ion Ratio Lower Upper
63 100
65 33.1 21.9 40.7
83 13.4 9.4 17.6



#21
2-Butanone
Concen: 49.30 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 43 Resp: 69954
Ion Ratio Lower Upper
43 100
72 31.9 14.4 43.2



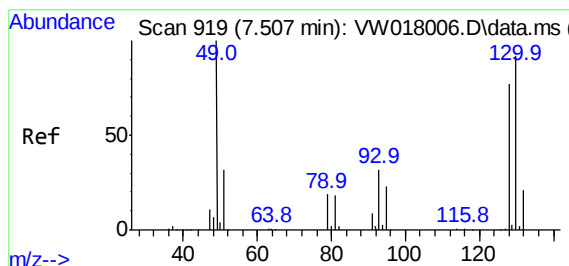
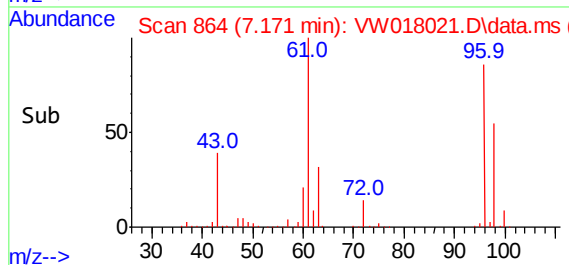
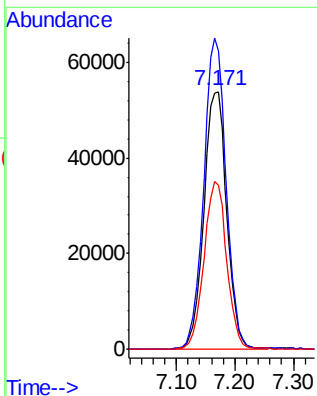
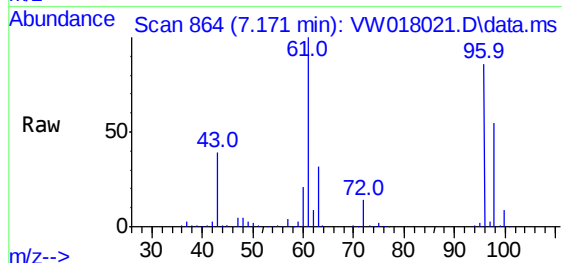


#22
 cis-1,2-Dichloroethene
 Concen: 25.85 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018021.D
 Acq: 03 Feb 2021 09:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Tgt Ion: 96 Resp: 145406

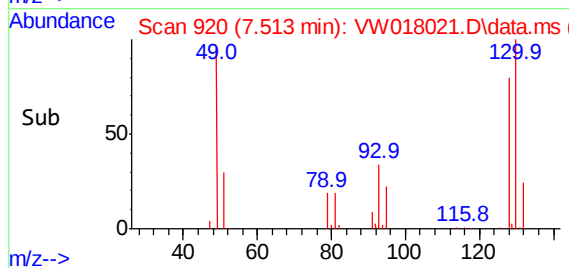
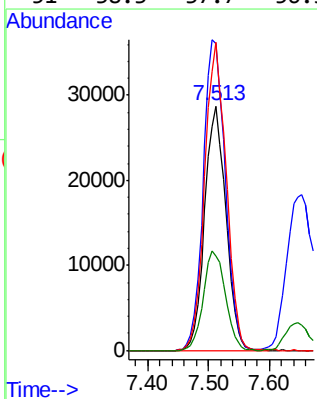
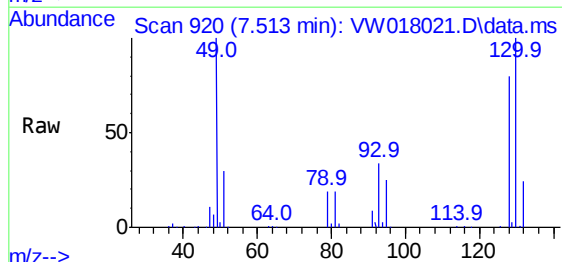
Ion	Ratio	Lower	Upper
96	100		
61	115.6	84.6	157.2
98	63.6	44.7	82.9

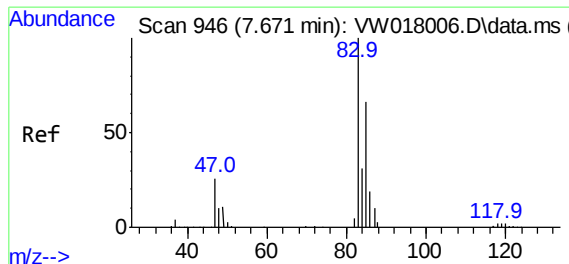


#23
 Bromochloromethane
 Concen: 25.54 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.006 min
 Lab File: VW018021.D
 Acq: 03 Feb 2021 09:39

Tgt Ion: 128 Resp: 69066

Ion	Ratio	Lower	Upper
128	100		
49	125.7	101.6	188.6
130	125.7	90.4	167.8
51	38.3	37.7	56.5

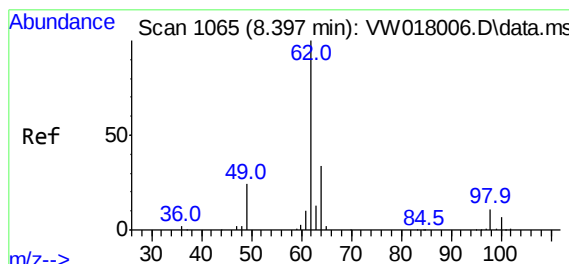
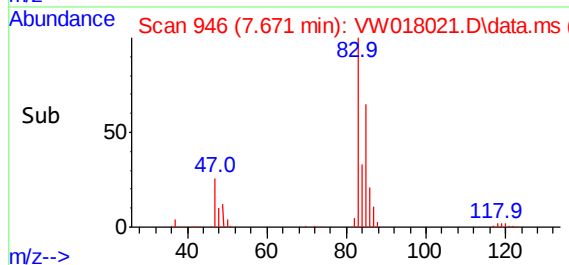
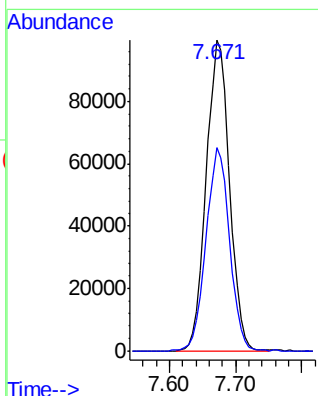
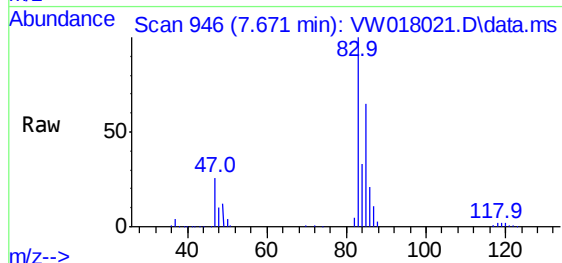




#25
Chloroform
Concen: 25.33 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

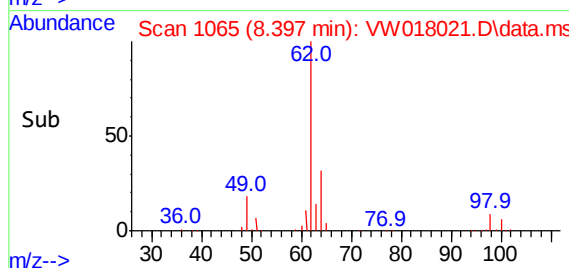
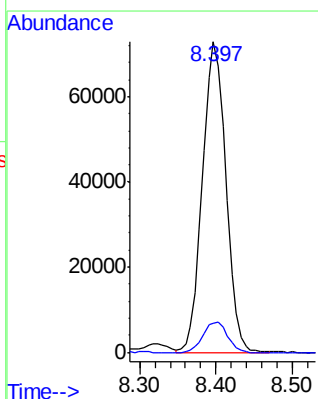
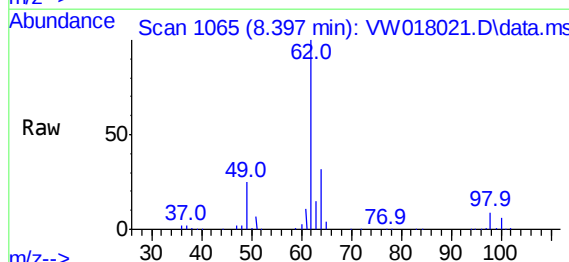
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

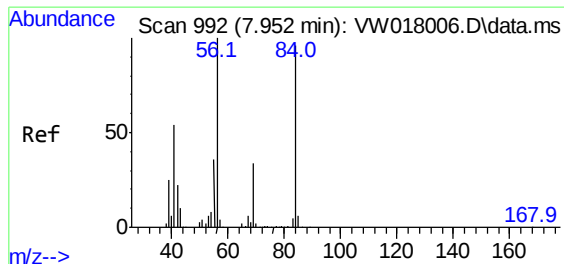
Tgt Ion: 83 Resp: 241946
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.15 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 62 Resp: 155910
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

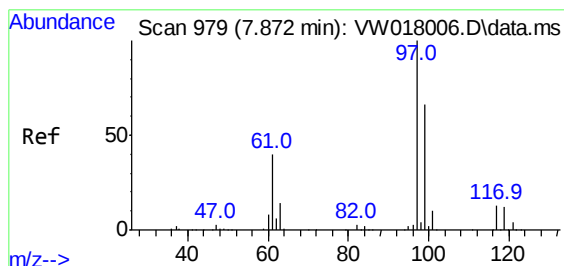
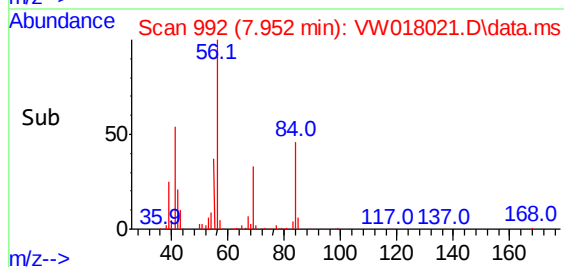
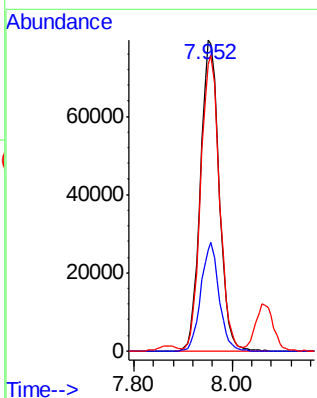
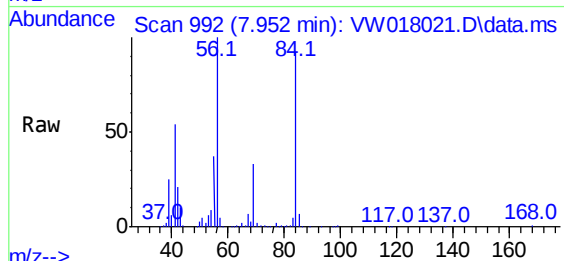




#30
Cyclohexane
Concen: 26.62 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

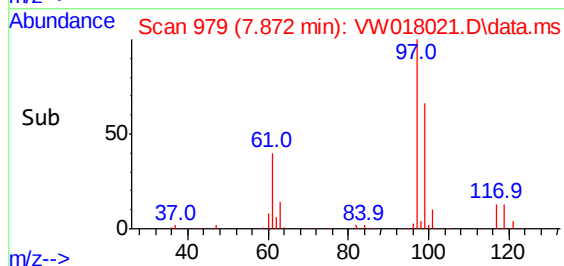
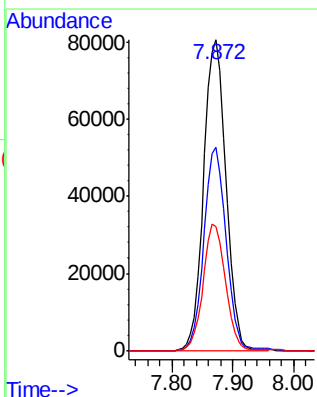
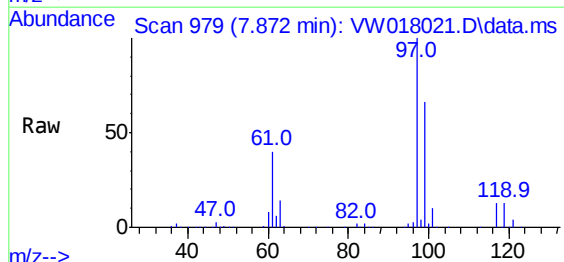
Instrument :
MSVOA_W
ClientSampled :
VSTD02509

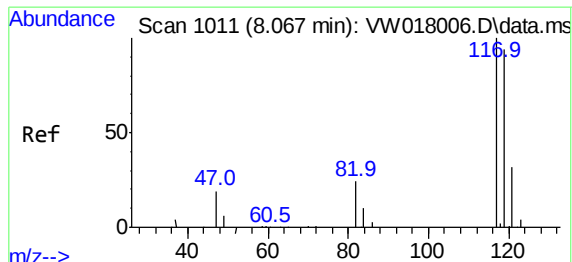
Tgt Ion: 56 Resp: 209843
Ion Ratio Lower Upper
56 100
69 33.6 24.8 37.2
84 94.4 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 26.66 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 97 Resp: 203706
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 40.5 33.6 50.4

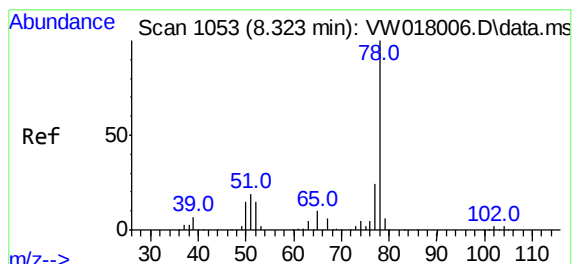
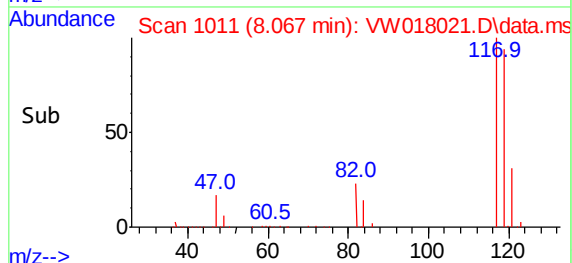
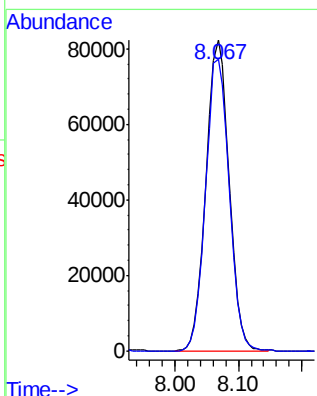
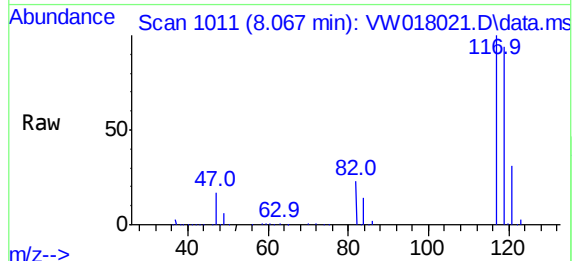




#32
Carbon tetrachloride
Concen: 27.01 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

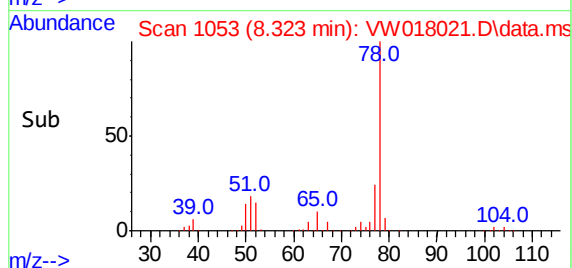
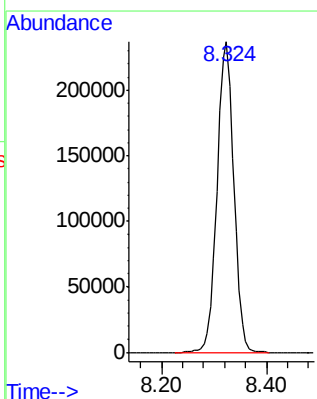
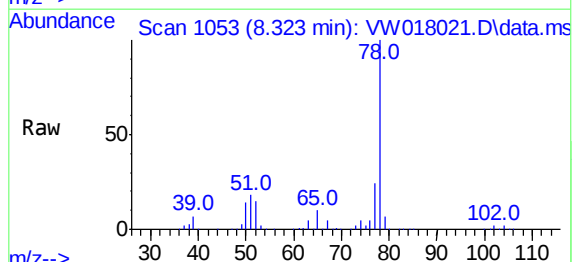
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

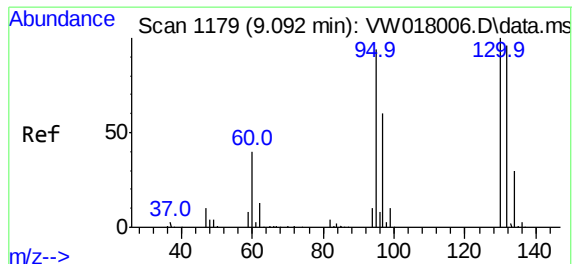
Tgt Ion:117 Resp: 199857
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8



#34
Benzene
Concen: 26.07 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

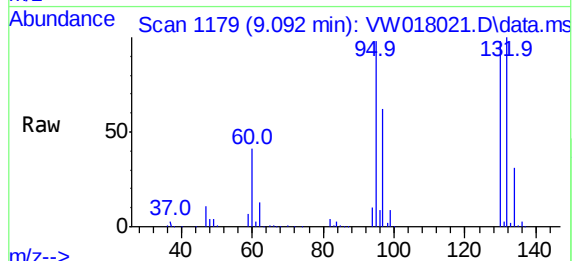
Tgt Ion: 78 Resp: 525056





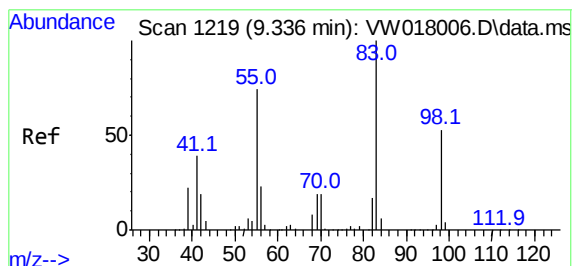
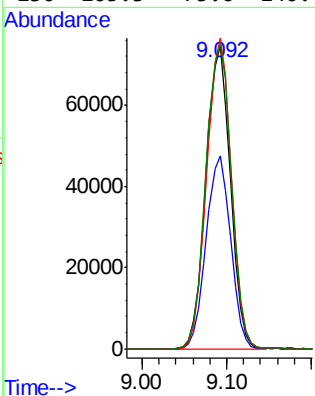
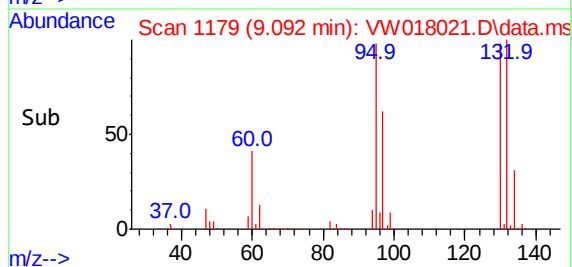
#35
Trichloroethene
Concen: 25.55 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

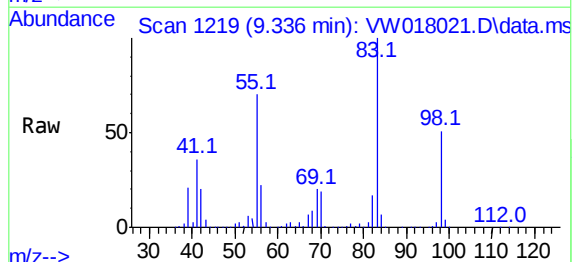


Tgt Ion: 95 Resp: 144991

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	103.5	71.0	131.8
130	105.3	75.6	140.4

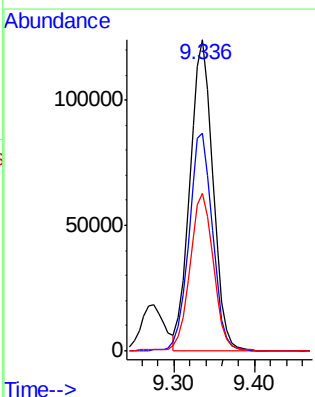
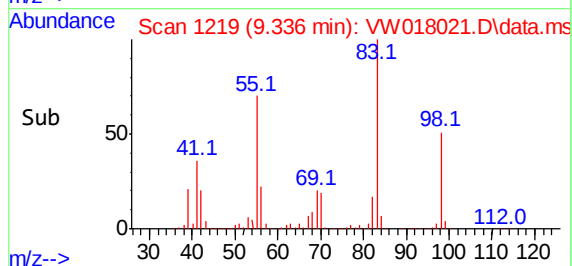


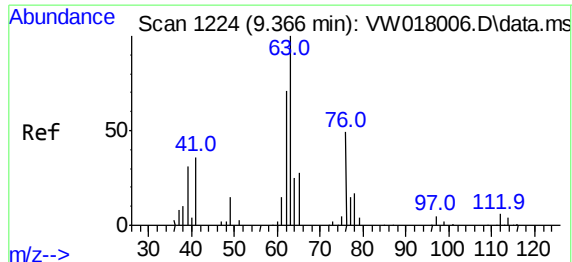
#36
Methylcyclohexane
Concen: 25.84 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39



Tgt Ion: 83 Resp: 246665

Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.4	89.0
98	51.4	40.7	61.1

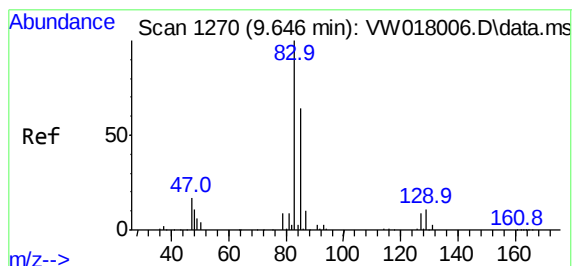
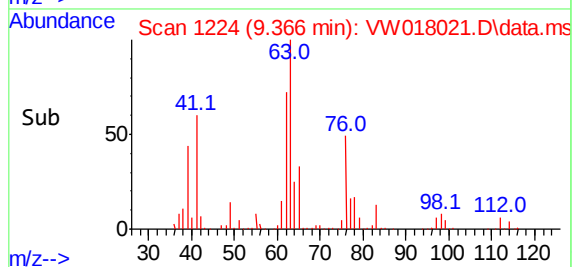
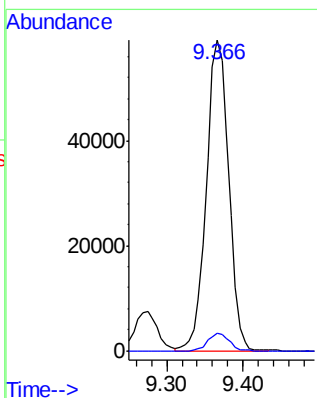
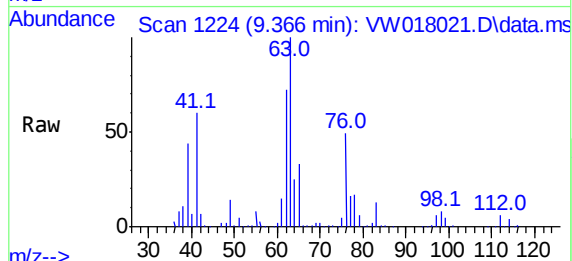




#40
1,2-Dichloropropane
Concen: 26.08 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

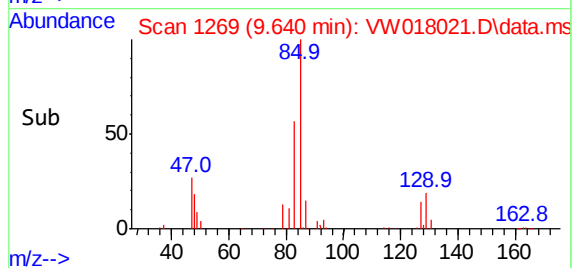
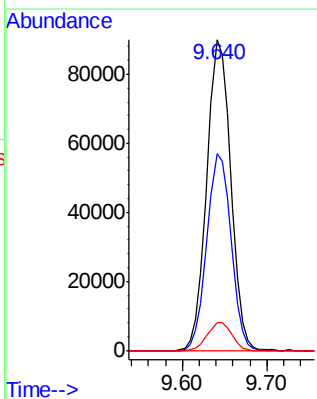
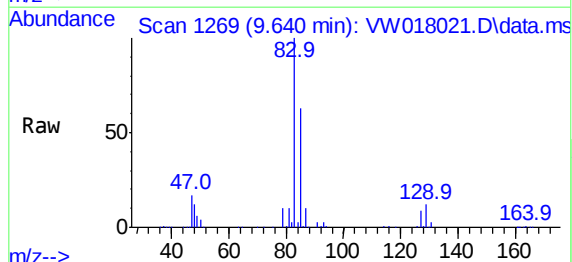
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

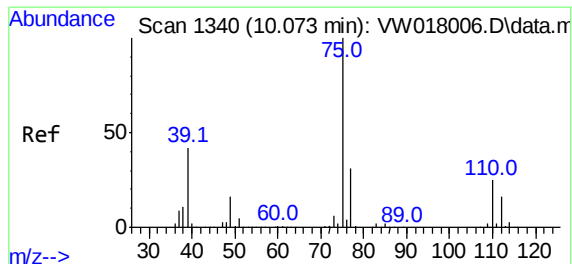
Tgt Ion: 63 Resp: 120555
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#41
Bromodichloromethane
Concen: 25.91 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 83 Resp: 171458
Ion Ratio Lower Upper
83 100
85 63.4 46.8 86.8
127 8.9 7.6 11.4

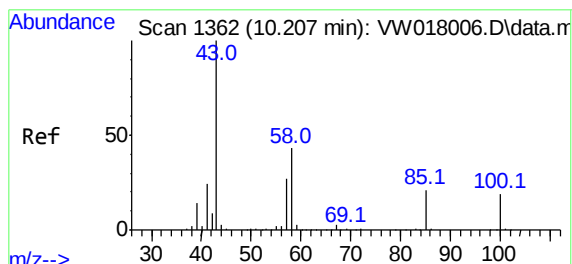
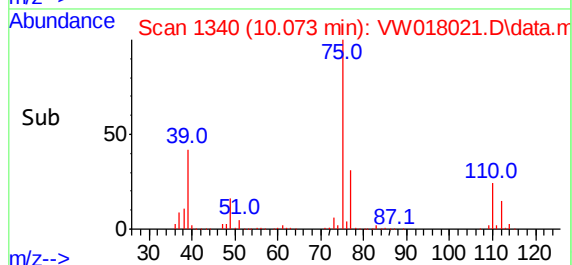
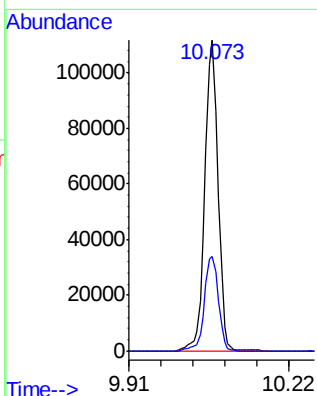
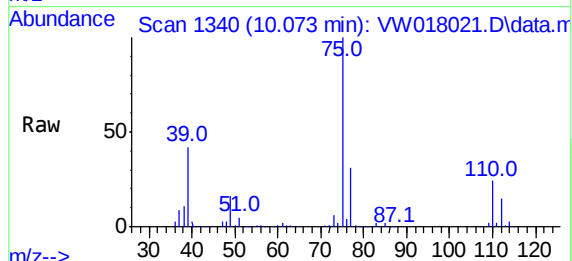




#42
cis-1,3-Dichloropropene
Concen: 26.81 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

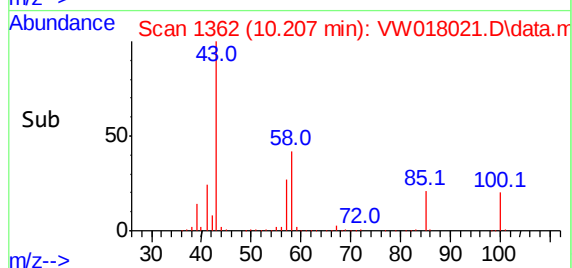
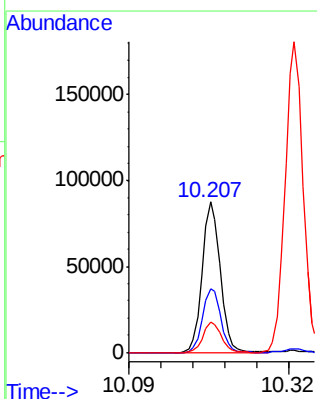
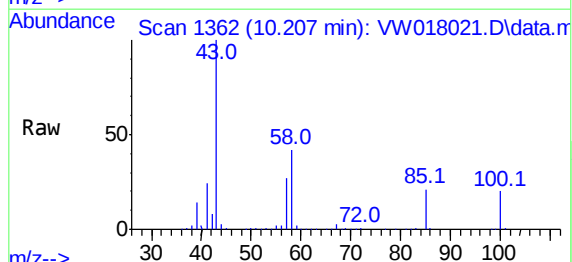
Instrument :
MSVOA_W
ClientSampled :
VSTD02509

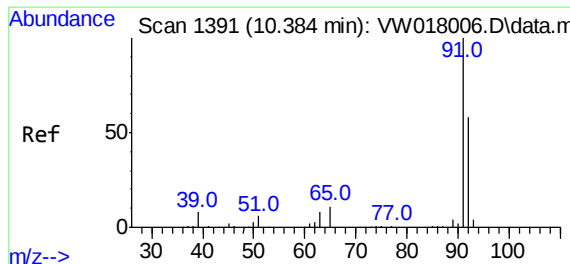
Tgt Ion: 75 Resp: 199672
Ion Ratio Lower Upper
75 100
77 30.6 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 52.63 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 43 Resp: 151257
Ion Ratio Lower Upper
43 100
58 42.9 31.6 47.4
100 20.1 14.1 21.1

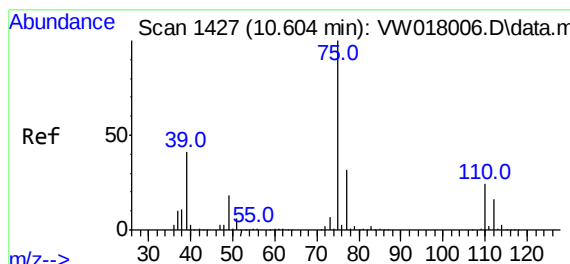
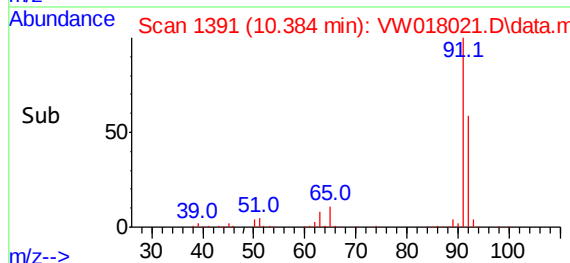
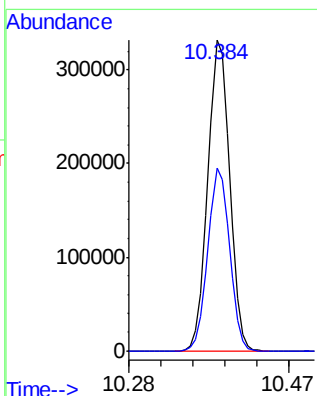
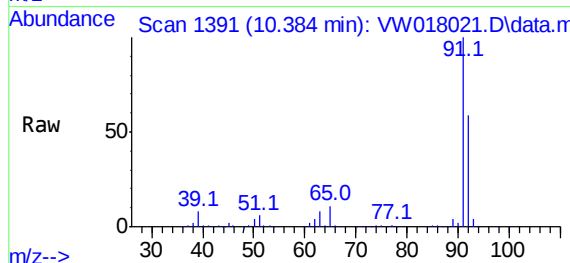




#44
Toluene
Concen: 25.93 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

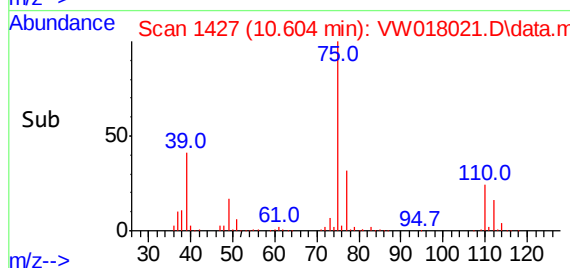
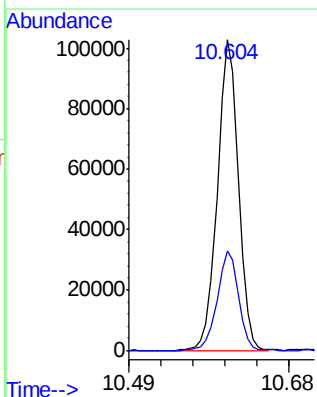
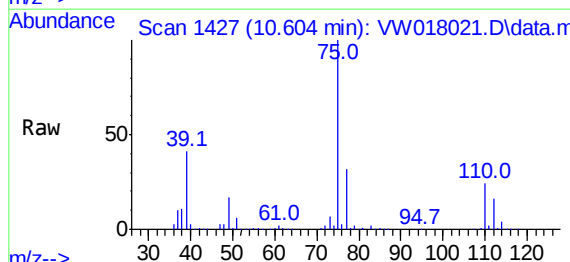
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

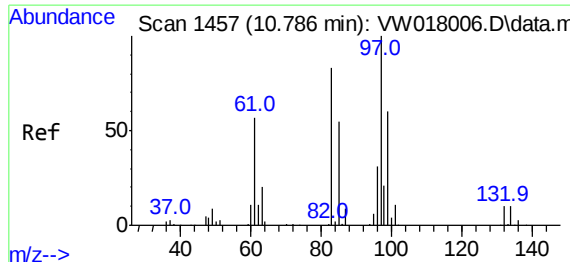
Tgt Ion: 91 Resp: 574897
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 26.90 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 75 Resp: 174431
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0



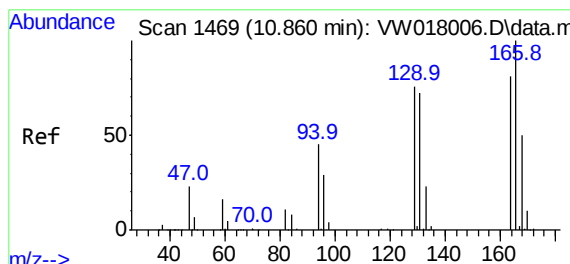
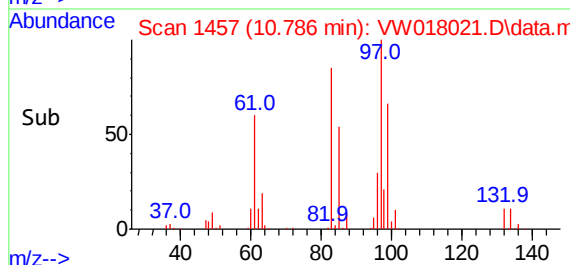
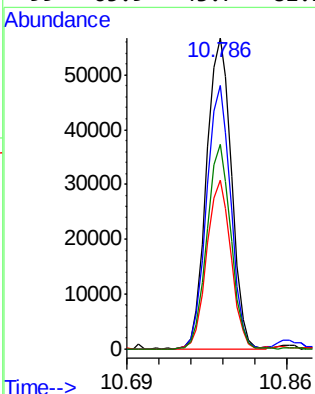
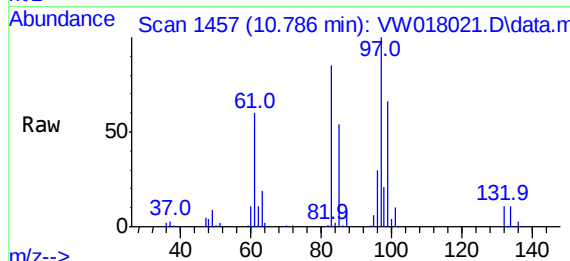


#46
1,1,2-Trichloroethane
Concen: 25.70 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 97 Resp: 101385

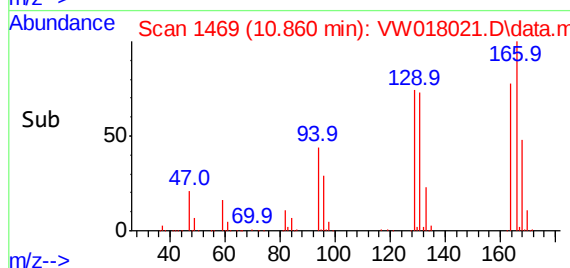
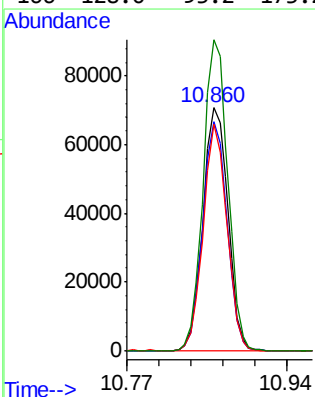
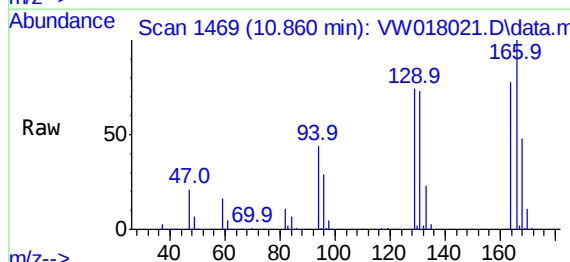
Ion	Ratio	Lower	Upper
97	100		
83	84.9	58.5	108.7
85	54.3	37.8	70.2
99	65.9	43.7	81.1

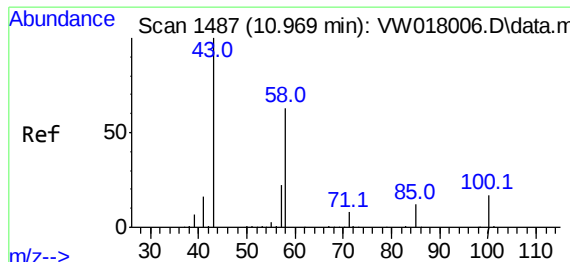


#47
Tetrachloroethene
Concen: 26.23 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 164 Resp: 126743

Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.6	125.6
131	93.4	65.2	121.2
166	128.0	93.2	173.2

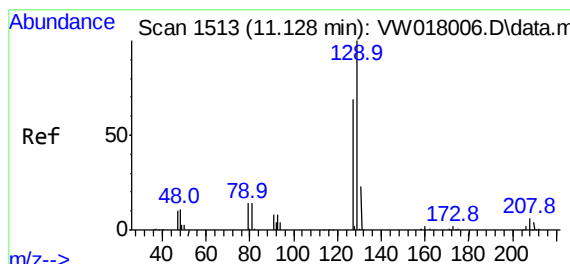
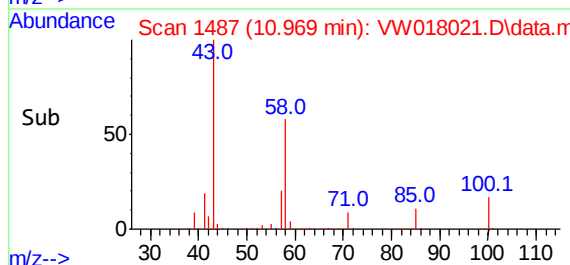
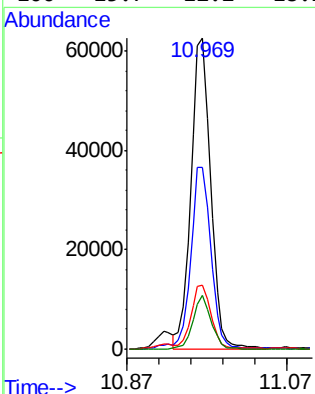
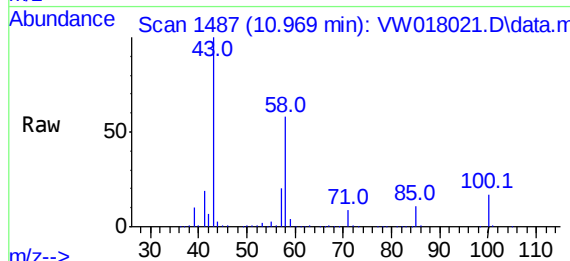




#49
2-Hexanone
Concen: 53.89 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

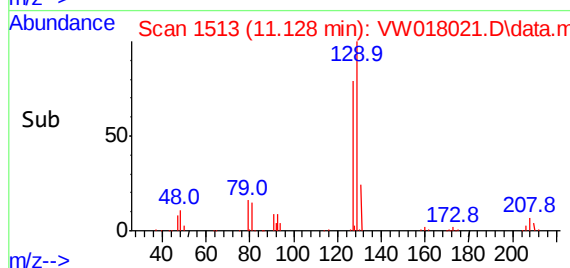
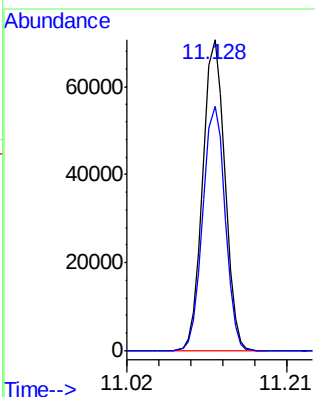
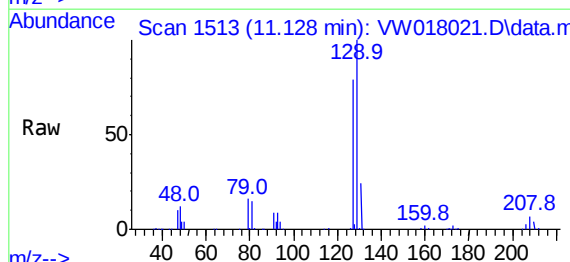
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

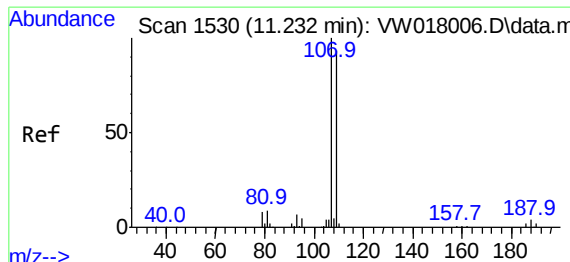
Tgt Ion: 43 Resp: 107616
Ion Ratio Lower Upper
43 100
58 58.7 51.3 76.9
57 20.3 15.0 22.6
100 15.7 12.2 18.2



#50
Dibromochloromethane
Concen: 26.17 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 129 Resp: 123721
Ion Ratio Lower Upper
129 100
127 78.6 53.2 98.8

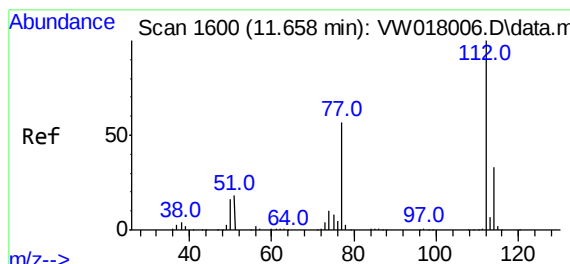
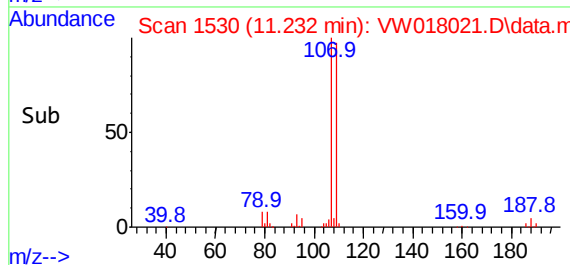
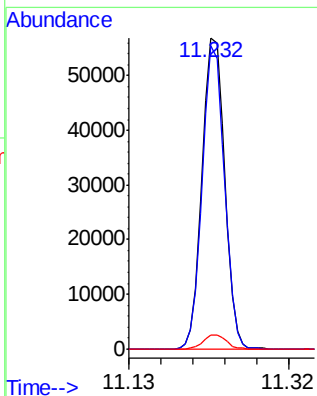
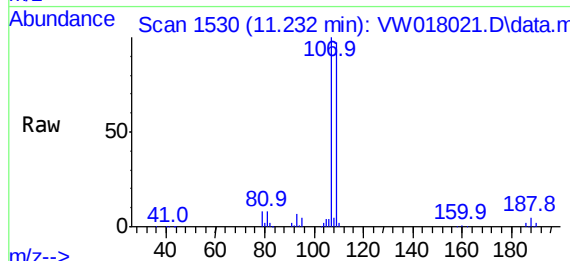




#51
1,2-Dibromoethane
Concen: 25.85 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

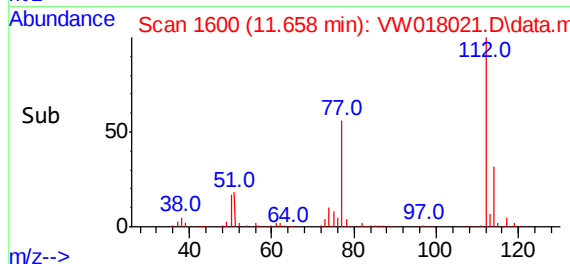
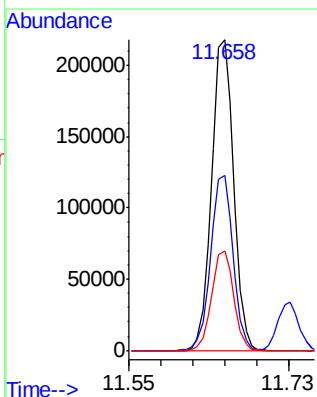
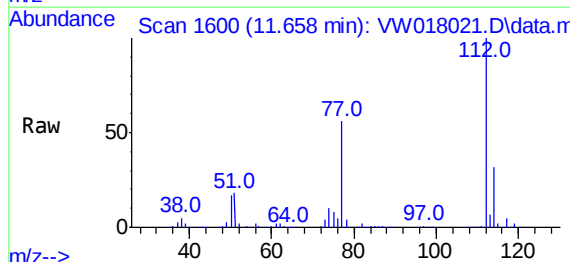
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

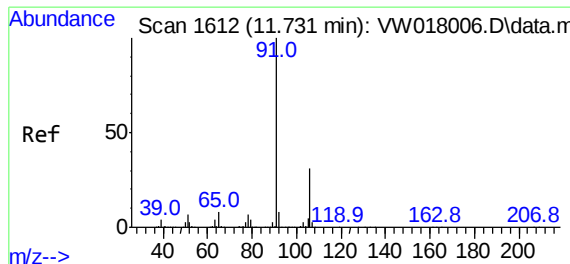
Tgt Ion:107 Resp: 101740
Ion Ratio Lower Upper
107 100
109 97.5 66.4 123.2
188 4.5 4.0 6.0



#52
Chlorobenzene
Concen: 25.51 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:112 Resp: 372495
Ion Ratio Lower Upper
112 100
77 56.2 42.6 64.0
114 32.1 21.6 40.2

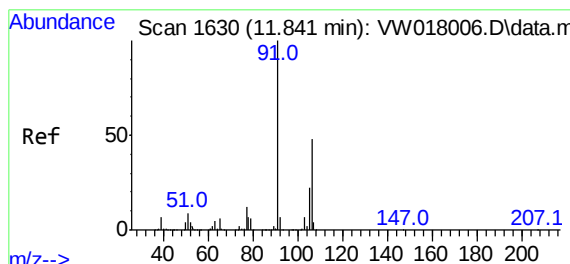
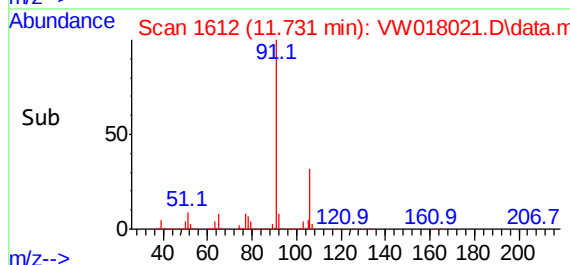
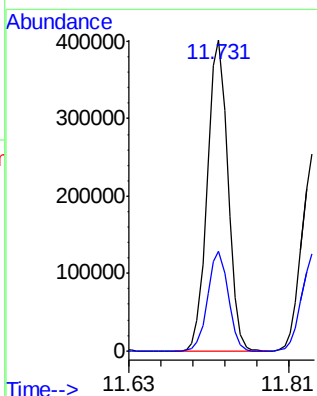
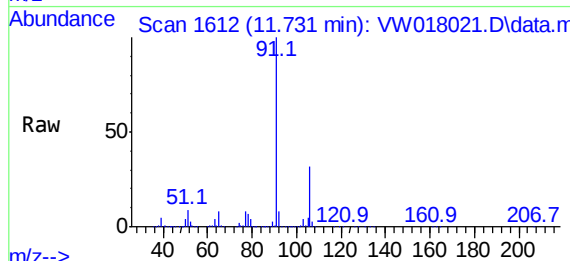




#53
Ethylbenzene
Concen: 25.54 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

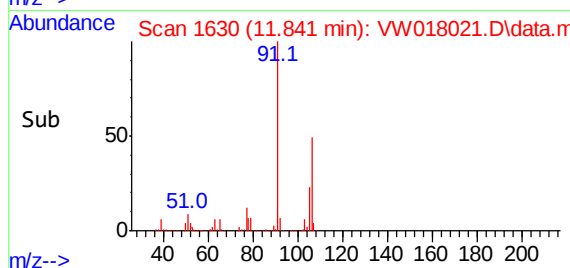
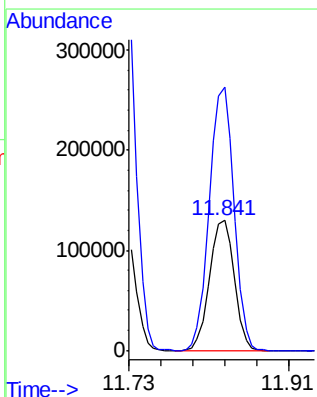
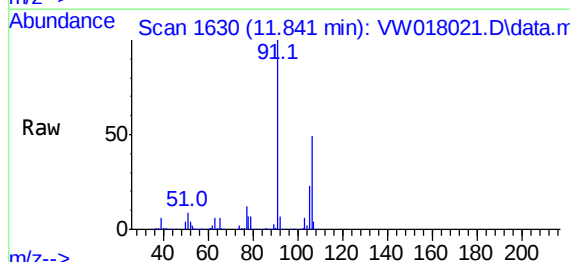
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

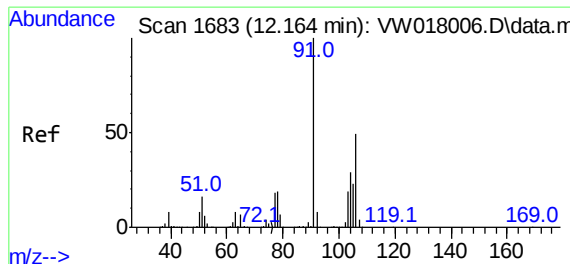
Tgt Ion: 91 Resp: 643256
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.1



#54
m,p-Xylene
Concen: 25.97 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 106 Resp: 249481
Ion Ratio Lower Upper
106 100
91 202.9 136.4 253.4

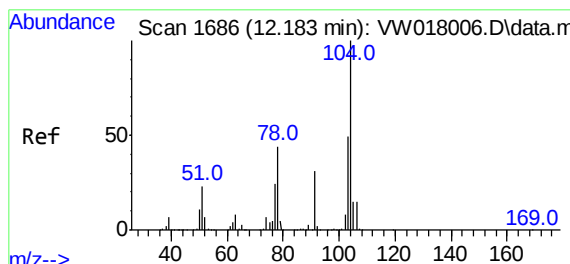
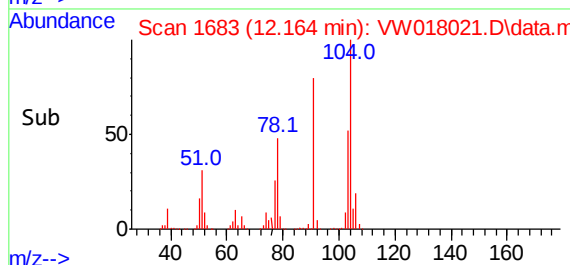
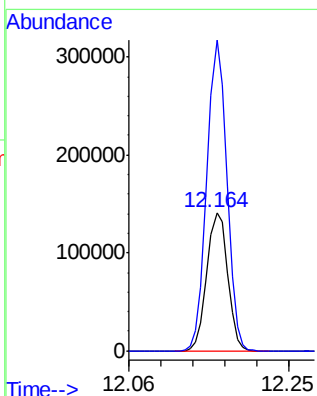
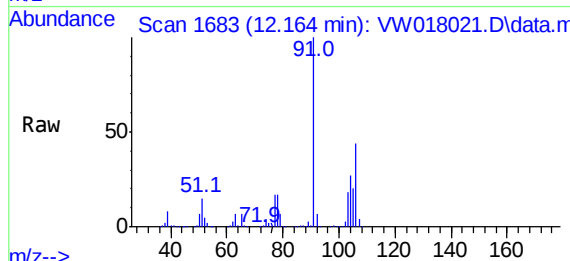




#55
o-xylene
Concen: 25.50 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

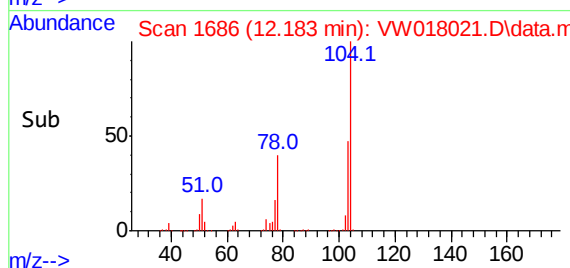
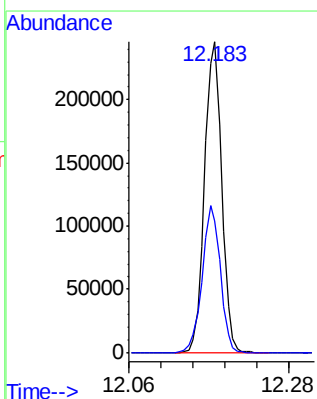
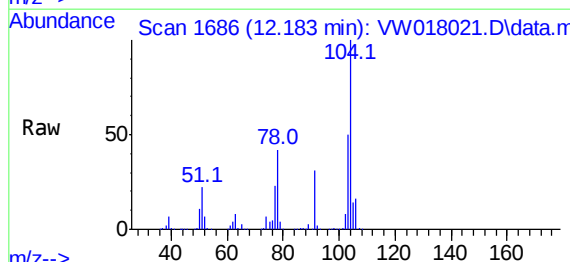
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

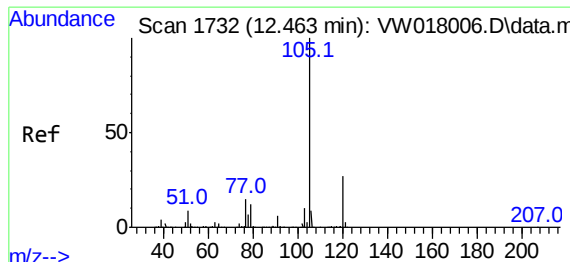
Tgt Ion:106 Resp: 232353
Ion Ratio Lower Upper
106 100
91 224.9 147.6 274.2



#56
Styrene
Concen: 25.97 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:104 Resp: 402368
Ion Ratio Lower Upper
104 100
78 42.4 31.3 58.1



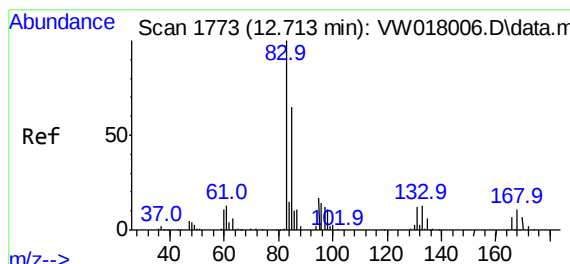
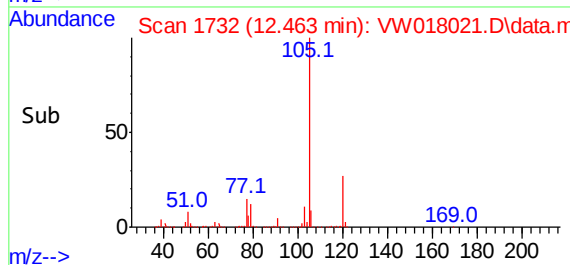
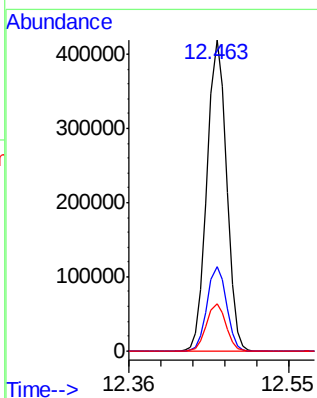
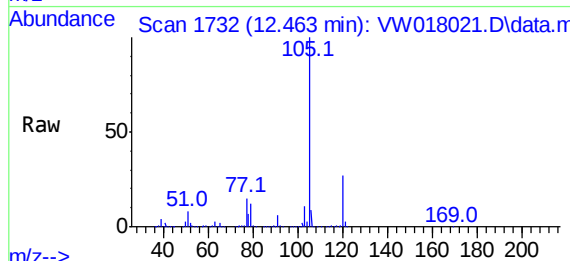


#57
Isopropylbenzene
Concen: 25.50 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion:105 Resp: 647234

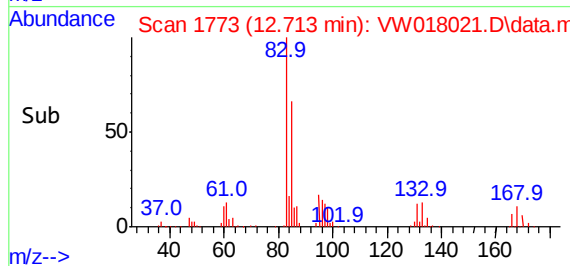
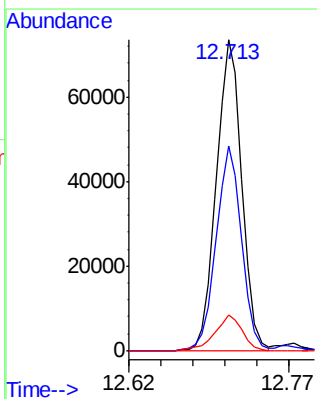
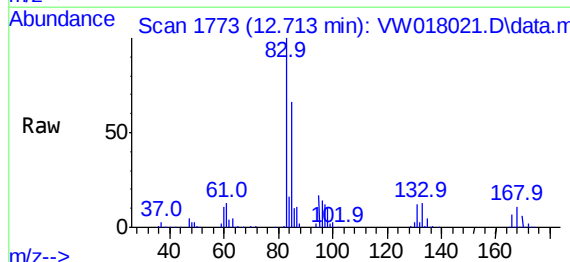
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.2
77	15.1	12.1	18.1

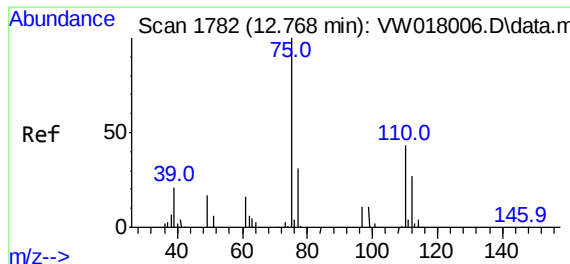


#58
1,1,2,2-Tetrachloroethane
Concen: 25.54 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 83 Resp: 119177

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.3	84.1
131	11.5	8.3	12.5

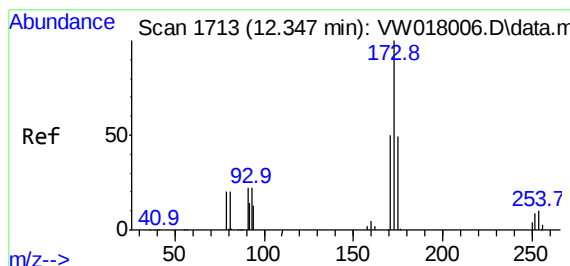
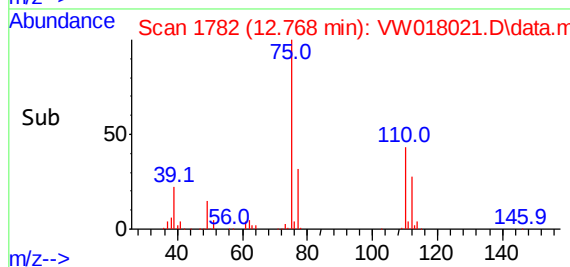
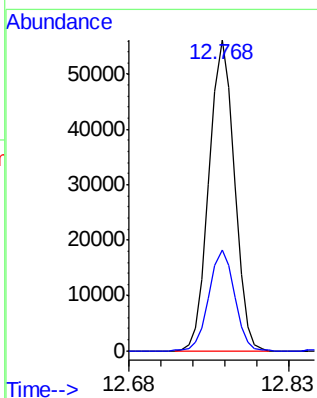
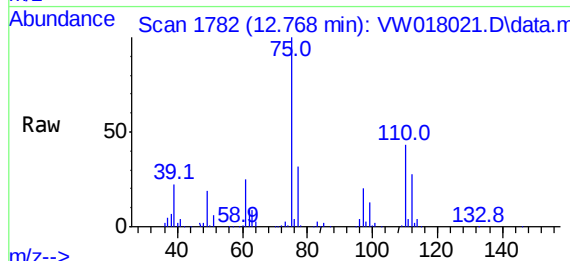




#59
1,2,3-Trichloropropane
Concen: 25.65 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

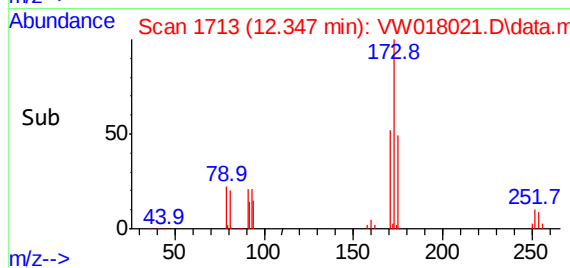
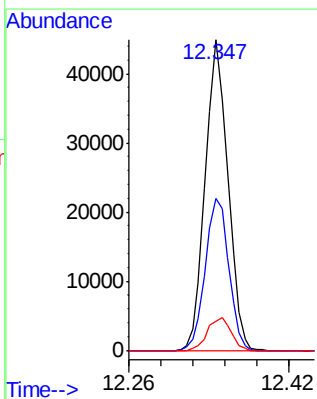
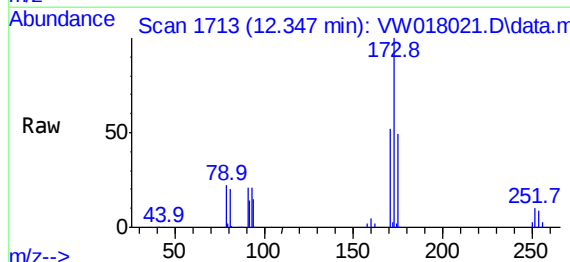
Instrument :
MSVOA_W
ClientSampled :
VSTD02509

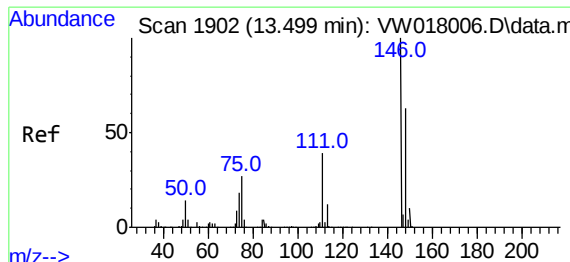
Tgt Ion: 75 Resp: 90703
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 26.48 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 173 Resp: 73409
Ion Ratio Lower Upper
173 100
175 50.4 39.1 58.7
254 10.9 7.1 10.7#

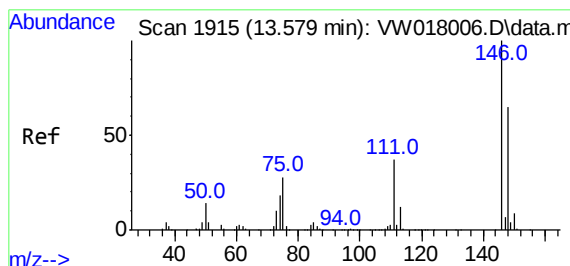
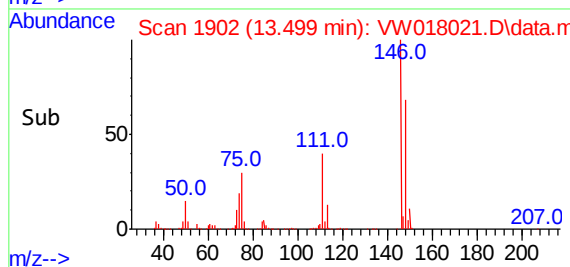
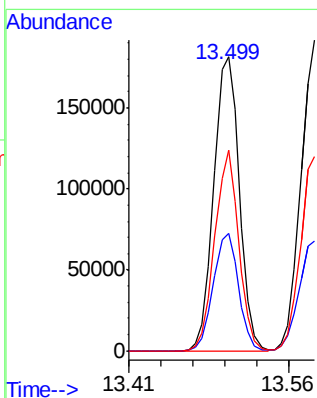
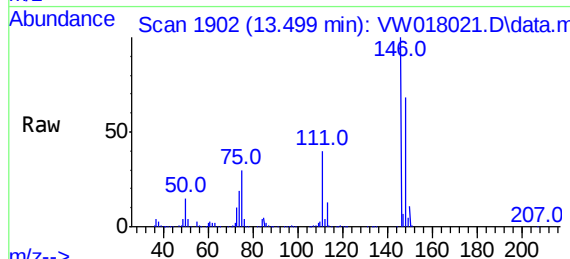




#63
1,3-Dichlorobenzene
Concen: 25.77 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

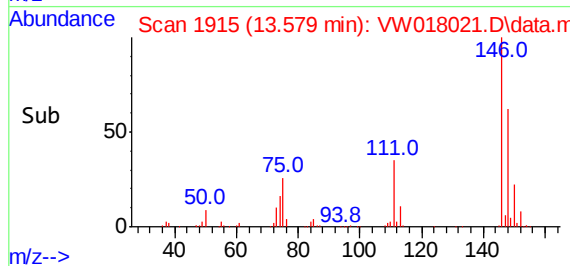
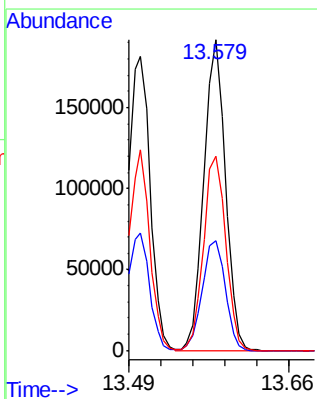
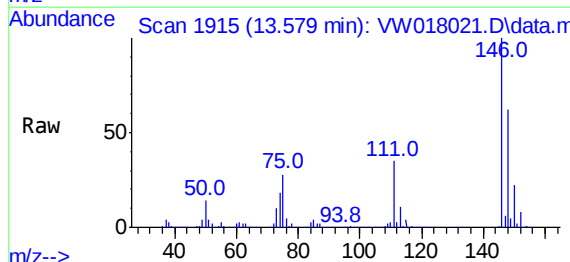
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

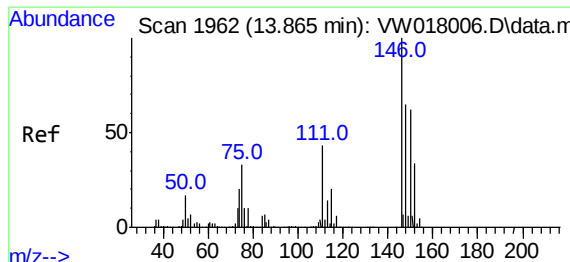
Tgt Ion:146 Resp: 295489
Ion Ratio Lower Upper
146 100
111 40.0 28.5 52.9
148 68.0 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.83 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:146 Resp: 297909
Ion Ratio Lower Upper
146 100
111 35.5 27.7 51.5
148 62.5 47.0 87.2

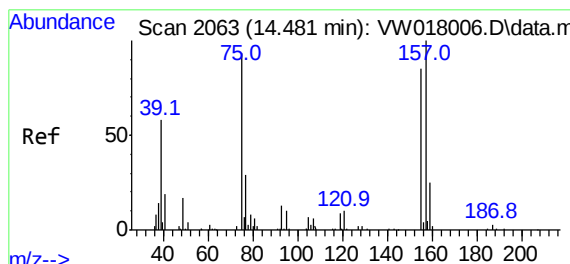
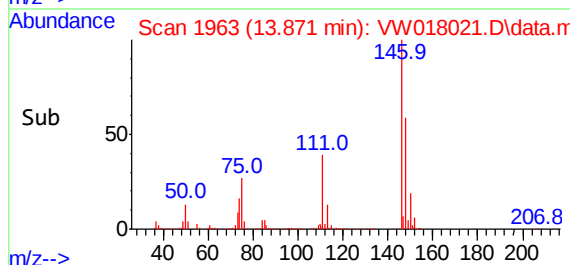
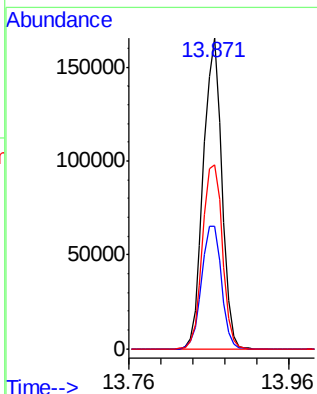
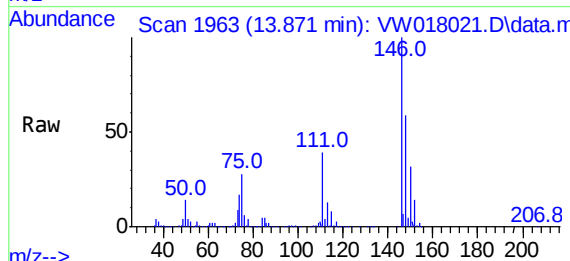




#65
1,2-Dichlorobenzene
Concen: 25.67 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

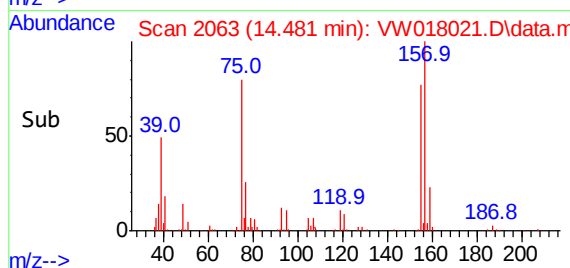
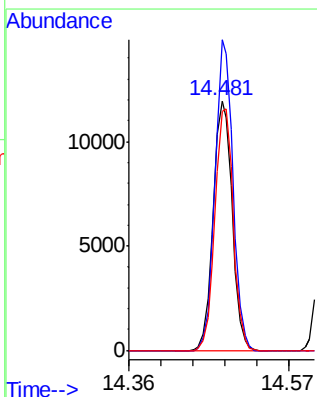
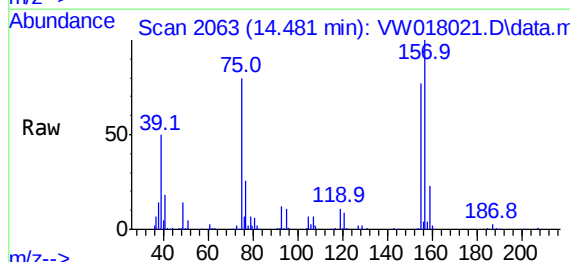
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

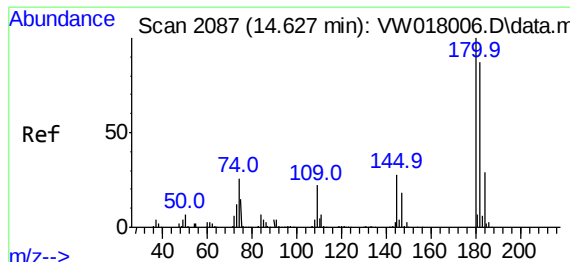
Tgt Ion:146 Resp: 265429
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 59.4 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 26.26 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion: 75 Resp: 20570
Ion Ratio Lower Upper
75 100
157 124.7 99.9 149.9
155 96.1 71.4 107.0

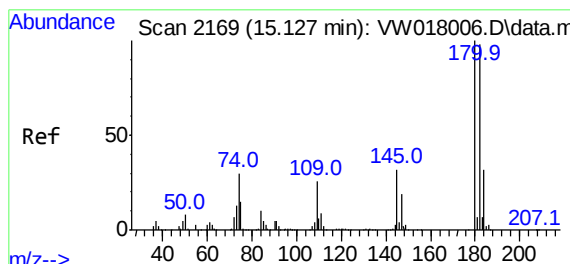
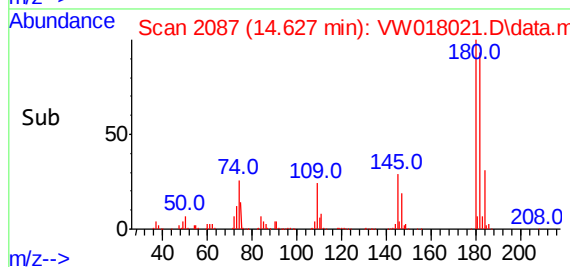
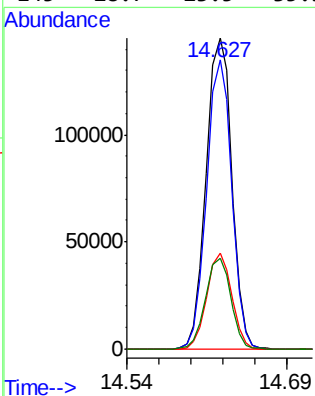
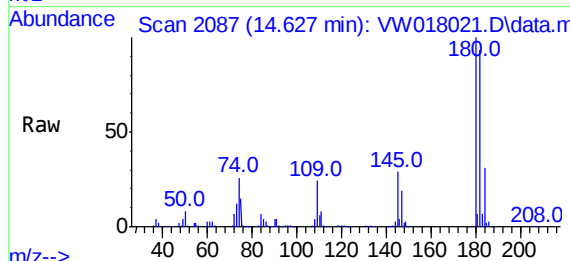




#67
1,3,5-Trichlorobenzene
Concen: 26.85 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

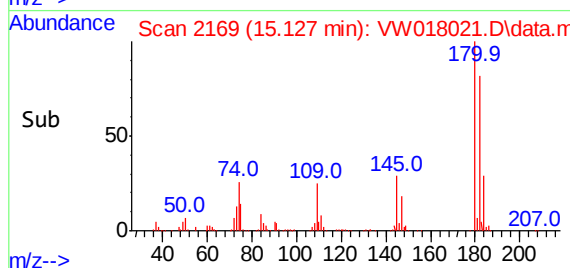
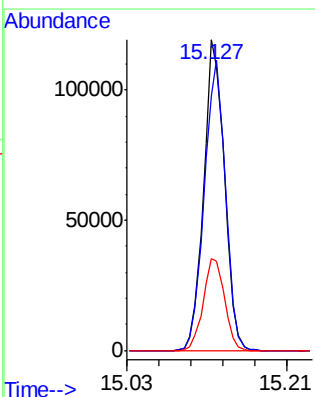
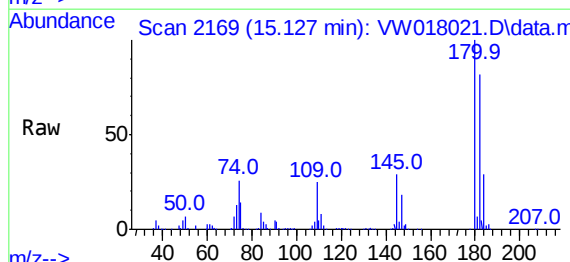
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

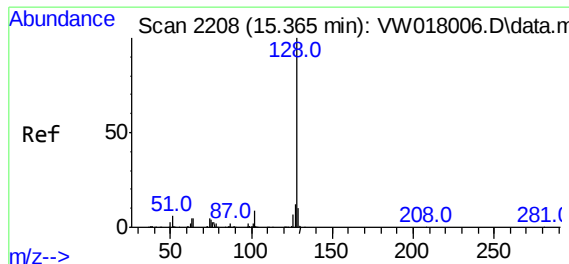
Tgt Ion:180 Resp: 236525
Ion Ratio Lower Upper
180 100
182 90.9 77.0 115.6
184 30.0 24.2 36.4
145 28.7 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 26.15 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:180 Resp: 192039
Ion Ratio Lower Upper
180 100
182 95.0 71.3 106.9
145 30.5 24.0 36.0

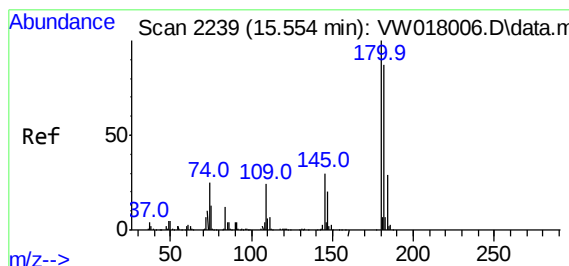
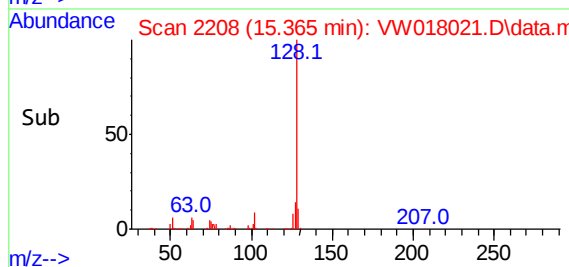
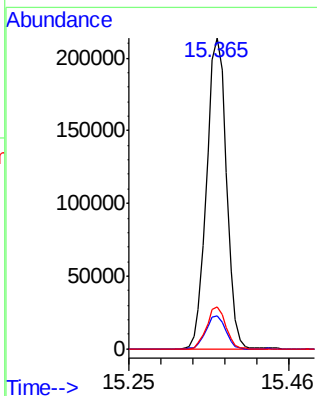
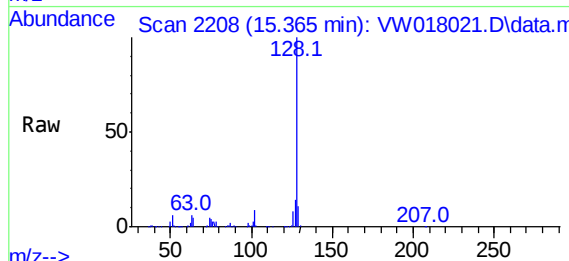




#69
Naphthalene
Concen: 26.98 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion:128 Resp: 385505
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.82 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018021.D
Acq: 03 Feb 2021 09:39

Tgt Ion:180 Resp: 169020
Ion Ratio Lower Upper
180 100
182 94.8 74.7 112.1
145 32.6 25.4 38.0

