

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018098.D
 Acq On : 12 Feb 2021 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Feb 12 22:36:58 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	8.842	114	417926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	201667	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101360	19.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.04%		
7) Chloroethane-d5	2.891	69	88077	21.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.48%		
10) 1,1-Dichloroethene-d2	4.025	63	236072	22.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.92%		
20) 2-Butanone-d5	7.074	46	53412	38.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.06%		
24) Chloroform-d	7.647	84	259801	23.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.76%		
26) 1,2-Dichloroethane-d4	8.305	65	127601	21.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.36%		
29) Benzene-d6	8.275	84	502413	24.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.20%		
33) 1,2-Dichloropropane-d6	9.274	67	140977	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.52%		
37) Toluene-d8	10.323	98	484102	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.44%		
38) trans-1,3-Dichloroprop...	10.579	79	62146	23.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.84%		
39) 2-Hexanone-d5	10.920	63	44460	40.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.44%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	110691	21.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	179982	25.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	129796	22.95	ug/L	97
3) Chloromethane	2.215	50	97629	23.44	ug/L	99
5) Vinyl chloride	2.367	62	145375	25.31	ug/L	95
6) Bromomethane	2.782	94	99147	24.27	ug/L	100
8) Chloroethane	2.928	64	84787	24.70	ug/L	99
9) Trichlorofluoromethane	3.257	101	104971	25.27	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	153548	25.87	ug/L	# 64
12) 1,1-Dichloroethene	4.037	96	146700	26.27	ug/L	98
13) Acetone	4.117	43	38014	37.07	ug/L	97
14) Carbon disulfide	4.385	76	414076	25.46	ug/L	99
15) Methyl Acetate	4.665	43	44933	19.75	ug/L	98
16) Methylene chloride	4.915	84	141083	21.06	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	143452	22.88	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	154267	25.85	ug/L	96
19) 1,1-Dichloroethane	6.214	63	243607	25.29	ug/L	98
21) 2-Butanone	7.165	43	57774	37.01	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	159630	25.79	ug/L	95
23) Bromochloromethane	7.506	128	71619	24.07	ug/L	92
25) Chloroform	7.671	83	263904	25.11	ug/L	99
27) 1,2-Dichloroethane	8.396	62	156366	22.92	ug/L	99

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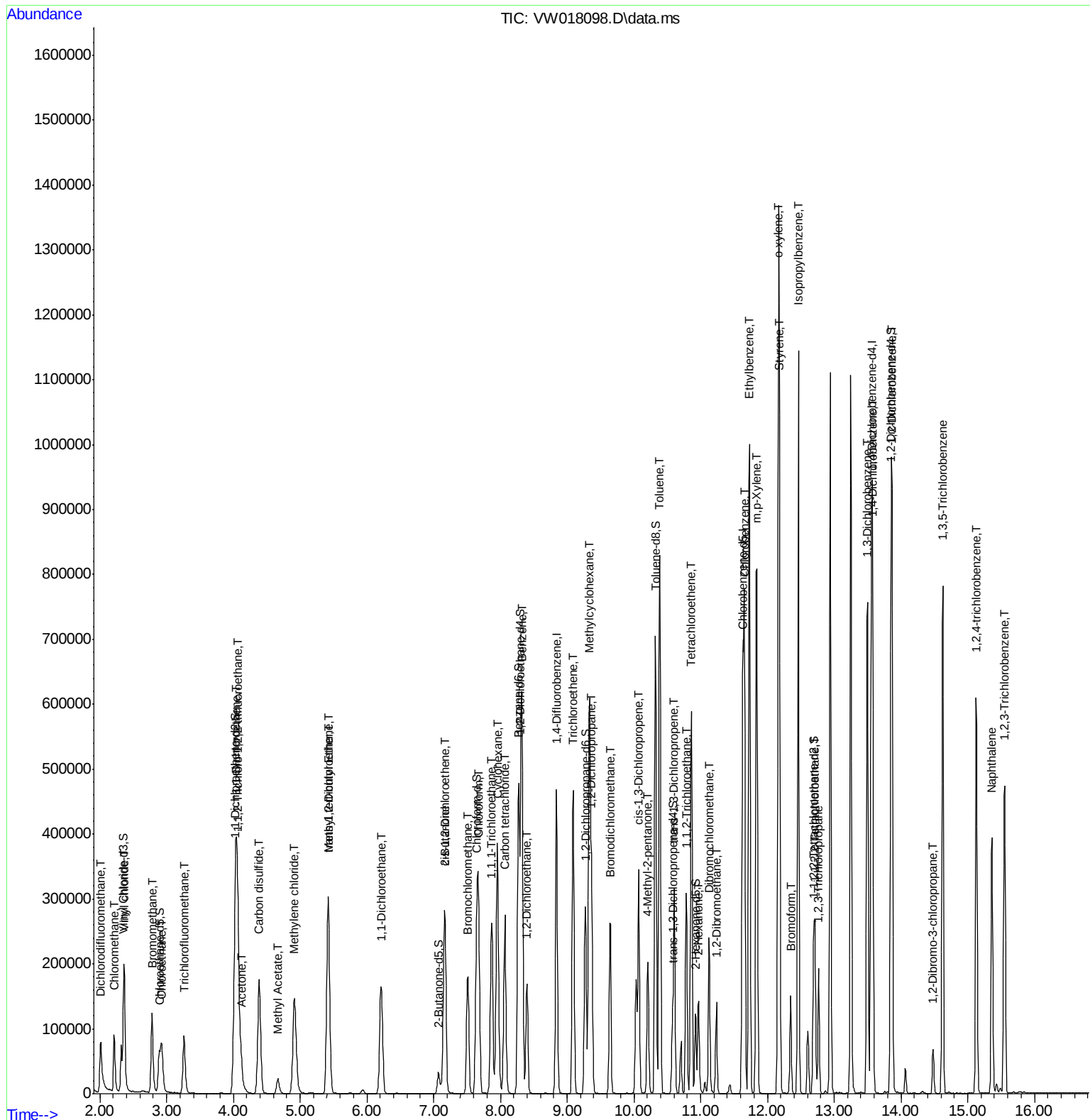
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.951	56	225005	26.13	ug/L	94
31) 1,1,1-Trichloroethane	7.866	97	225640	27.03	ug/L	99
32) Carbon tetrachloride	8.067	117	221941	27.45	ug/L	100
34) Benzene	8.323	78	572752	26.03	ug/L	100
35) Trichloroethene	9.091	95	161778	26.09	ug/L	99
36) Methylcyclohexane	9.335	83	278167	26.68	ug/L	96
40) 1,2-Dichloropropane	9.366	63	128738	25.49	ug/L	99
41) Bromodichloromethane	9.640	83	186073	25.73	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	209360	25.73	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	124810	39.75	ug/L	93
44) Toluene	10.384	91	642778	26.54	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	177548	25.06	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	101202	23.48	ug/L	98
47) Tetrachloroethene	10.859	164	144889	27.44	ug/L	92
49) 2-Hexanone	10.969	43	86219	39.52	ug/L	95
50) Dibromochloromethane	11.128	129	128893	24.96	ug/L	97
51) 1,2-Dibromoethane	11.231	107	99132	23.06	ug/L #	98
52) Chlorobenzene	11.658	112	414540	25.98	ug/L	99
53) Ethylbenzene	11.731	91	719640	26.15	ug/L	94
54) m,p-Xylene	11.841	106	278541	26.54	ug/L	97
55) o-xylene	12.164	106	260512	26.17	ug/L	96
56) Styrene	12.182	104	443136	26.17	ug/L	97
57) Isopropylbenzene	12.463	105	740953	26.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	110492	21.67	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	80276	20.78	ug/L	98
62) Bromoform	12.347	173	73104	23.52	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	335624	26.11	ug/L	97
64) 1,4-Dichlorobenzene	13.578	146	332937	25.75	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	291231	25.12	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	16686	19.00	ug/L	93
67) 1,3,5-Trichlorobenzene	14.627	180	262222	26.55	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	206688	25.11	ug/L	93
69) Naphthalene	15.365	128	354383	22.12	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	177215	24.15	ug/L	97

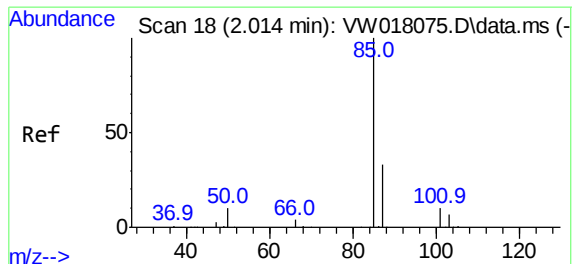
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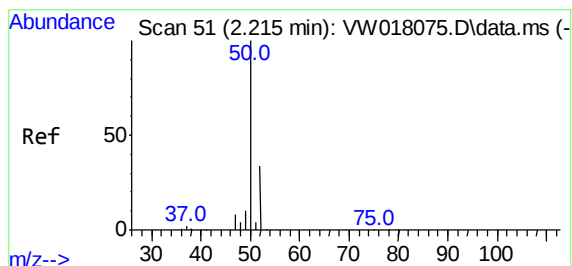
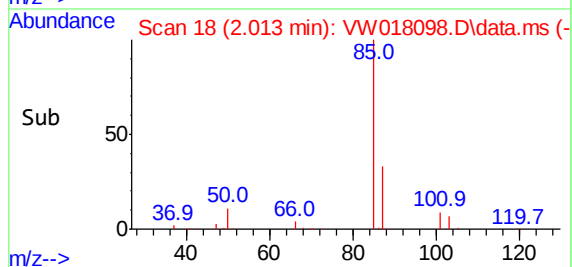
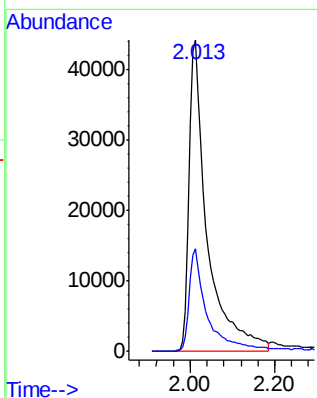
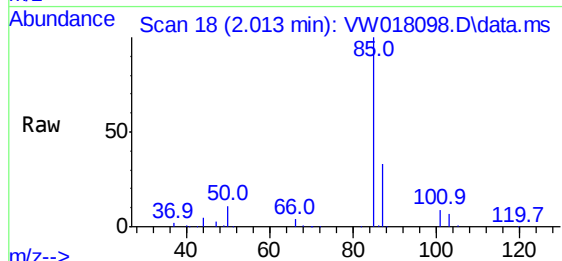




#2
Dichlorodifluoromethane
Concen: 22.95 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
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Acq: 12 Feb 2021 09:49

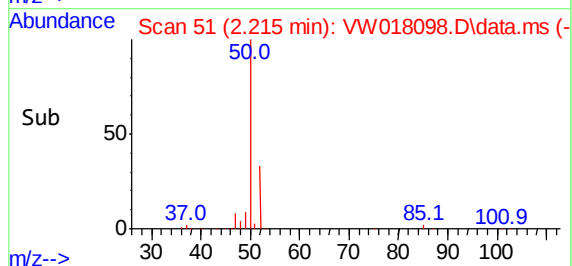
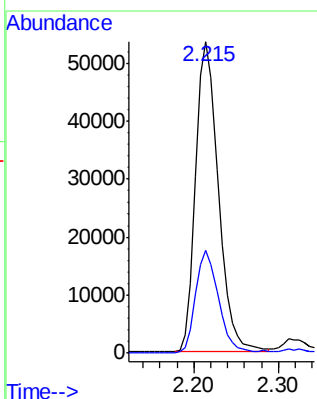
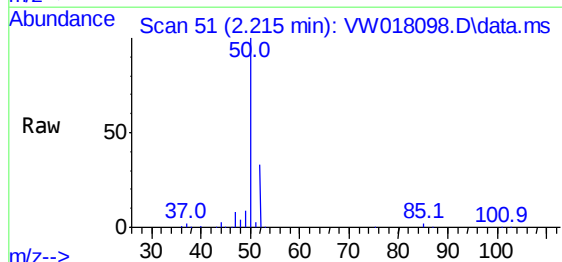
Instrument :
MSVOA_W
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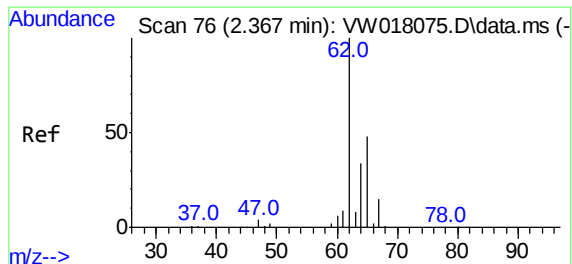
Tgt Ion: 85 Resp: 129796
Ion Ratio Lower Upper
85 100
87 31.3 23.2 43.0



#3
Chloromethane
Concen: 23.44 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 50 Resp: 97629
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

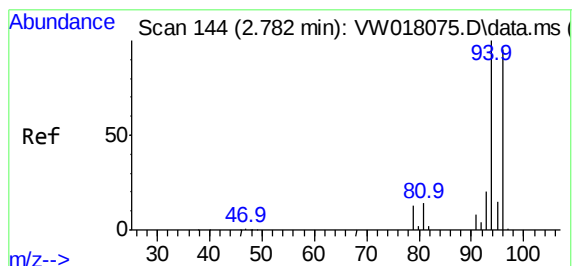
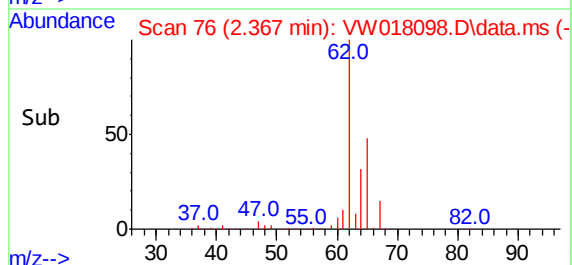
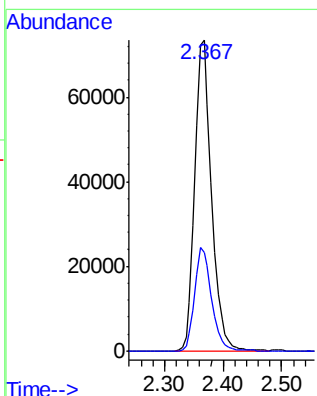
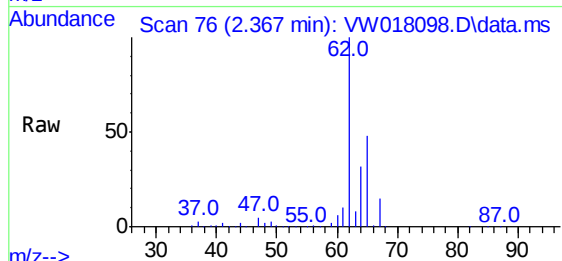




#5
 Vinyl chloride
 Concen: 25.31 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018098.D
 Acq: 12 Feb 2021 09:49

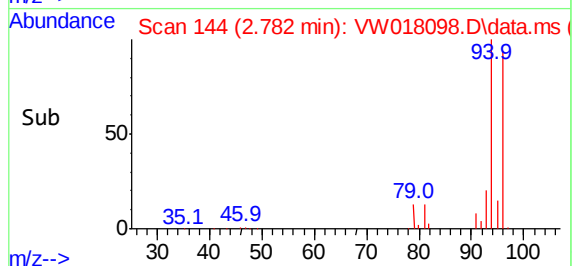
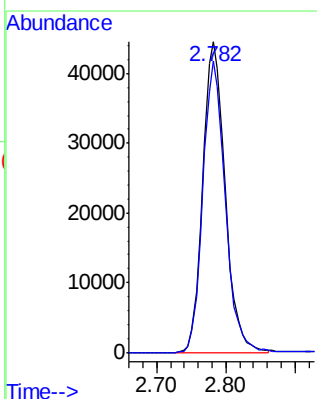
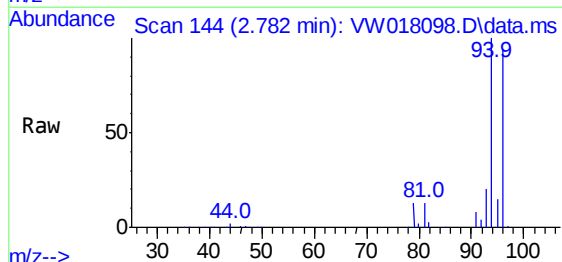
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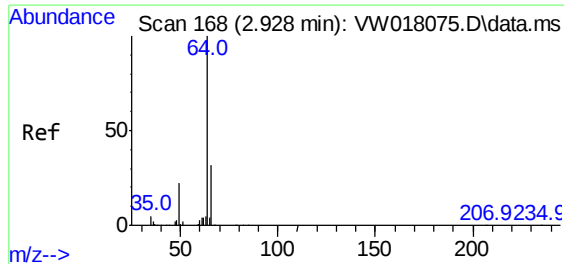
Tgt Ion: 62 Resp: 145375
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.9 44.5



#6
 Bromomethane
 Concen: 24.27 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018098.D
 Acq: 12 Feb 2021 09:49

Tgt Ion: 94 Resp: 99147
 Ion Ratio Lower Upper
 94 100
 96 94.0 9.4 178.0

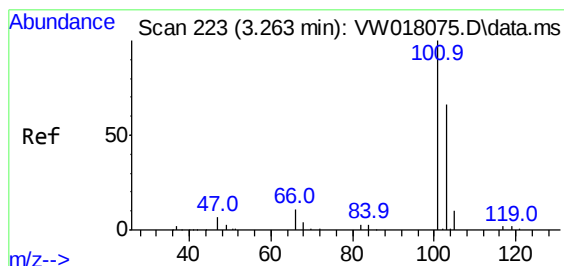
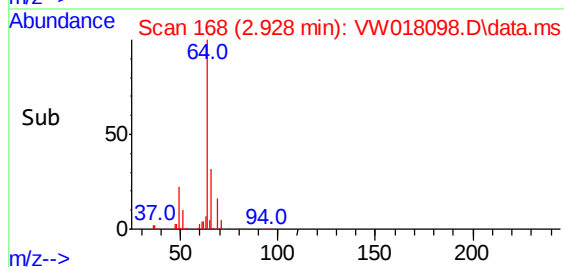
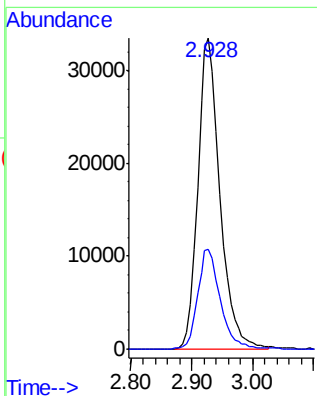
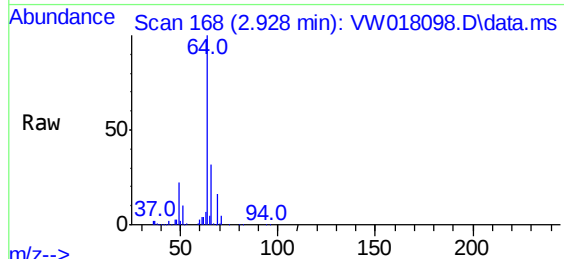




#8
Chloroethane
Concen: 24.70 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018098.D
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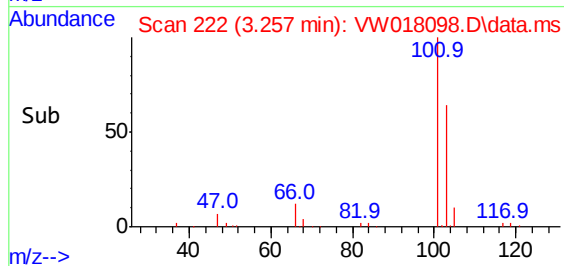
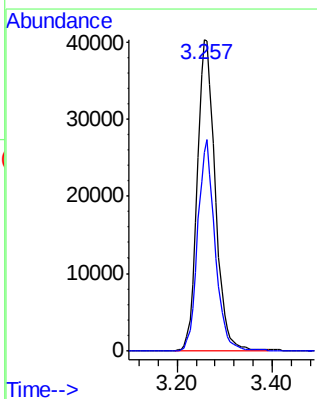
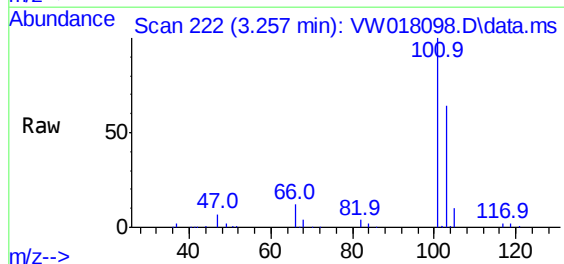
Instrument :
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ClientSampled :
VSTD02521

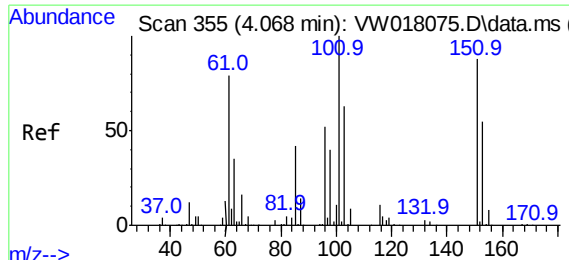
Tgt Ion: 64 Resp: 84787
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.27 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:101 Resp: 104971
Ion Ratio Lower Upper
101 100
103 64.8 45.0 83.6



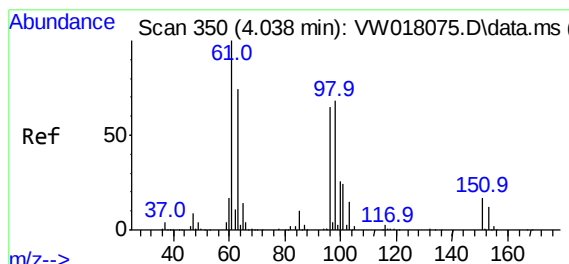
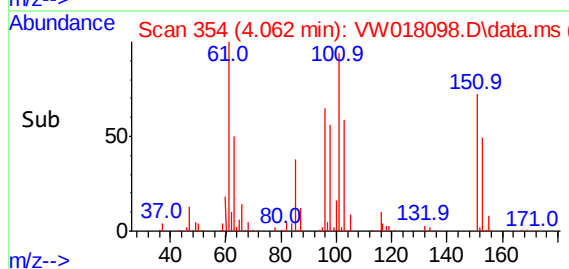
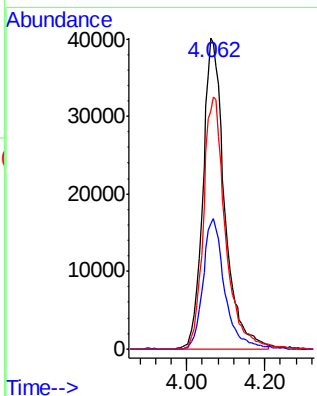
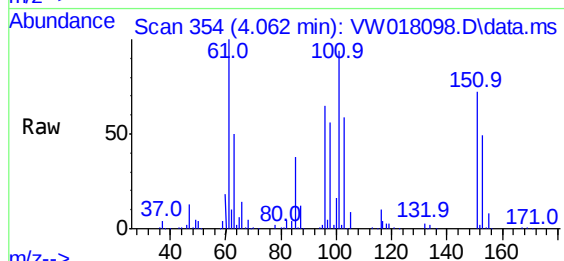


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.87 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW018098.D
 Acq: 12 Feb 2021 09:49

Instrument :
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 ClientSampleId :
 VSTD02521

Tgt Ion:101 Resp: 153548

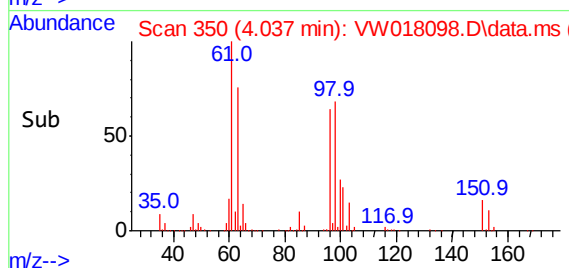
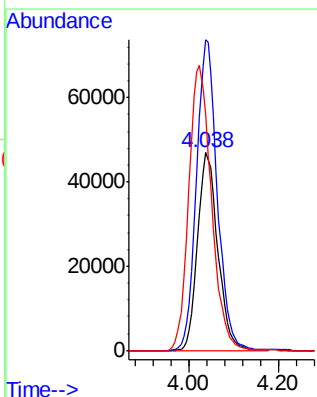
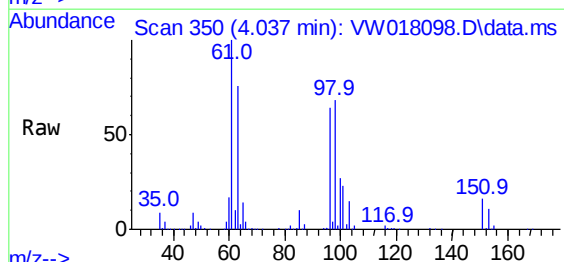
Ion	Ratio	Lower	Upper
101	100		
85	41.5	34.2	51.4
151	82.3	30.4	45.6

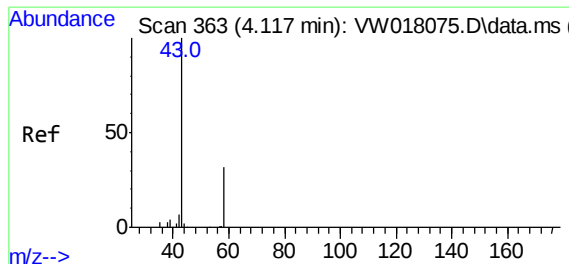


#12
 1,1-Dichloroethene
 Concen: 26.27 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW018098.D
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Tgt Ion: 96 Resp: 146700

Ion	Ratio	Lower	Upper
96	100		
61	156.9	112.5	208.9
63	119.7	83.1	154.3

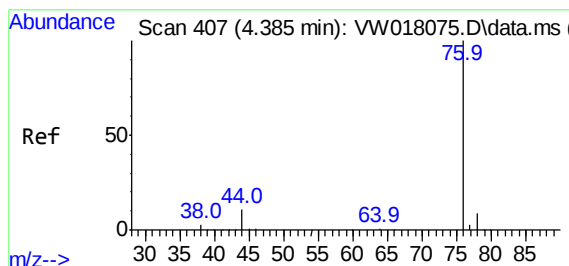
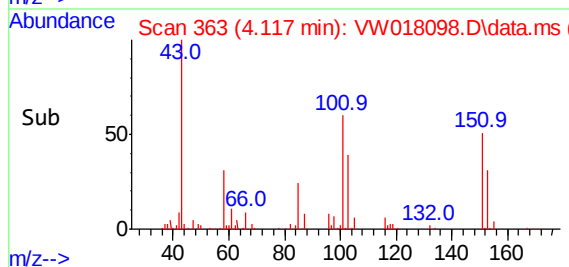
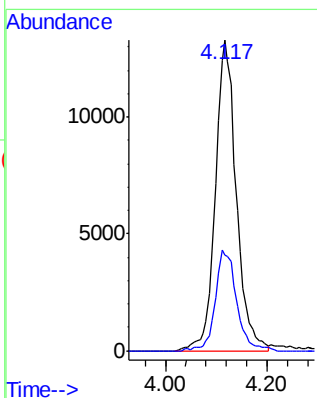
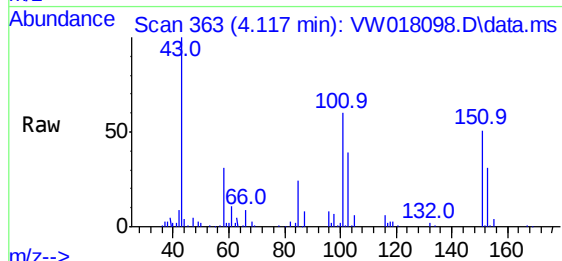




#13
Acetone
Concen: 37.07 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

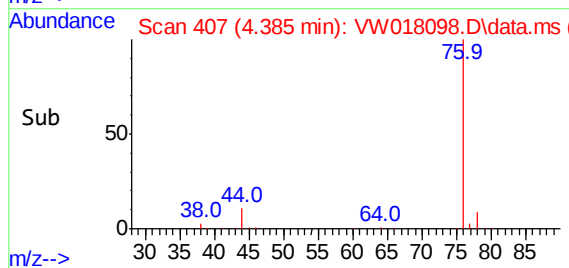
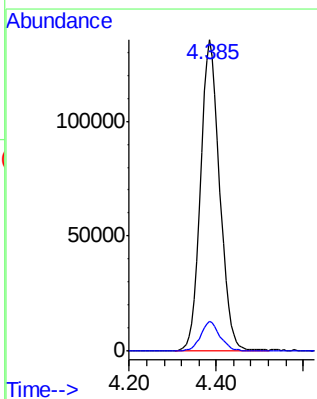
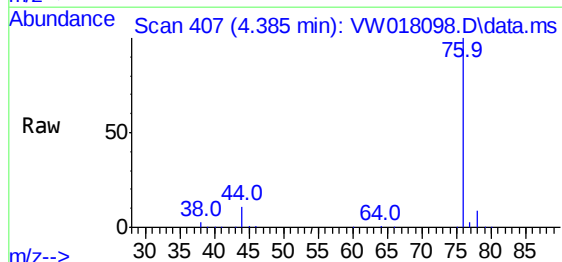
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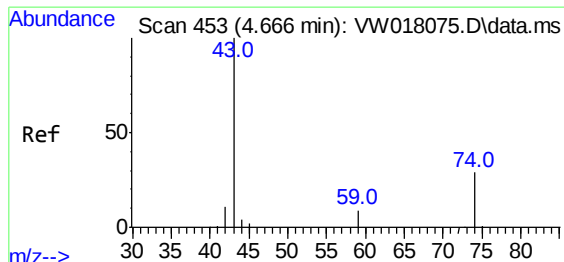
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Ion Ratio Lower Upper
43 100
58 32.4 0.0 68.4



#14
Carbon disulfide
Concen: 25.46 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 414076
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

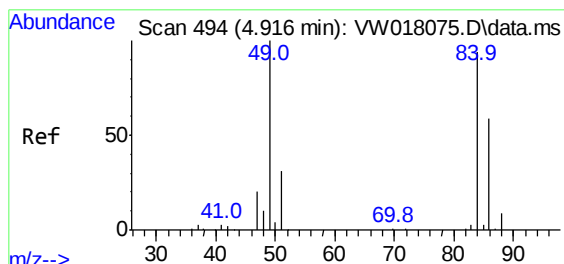
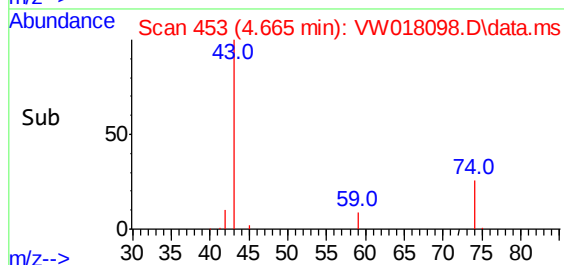
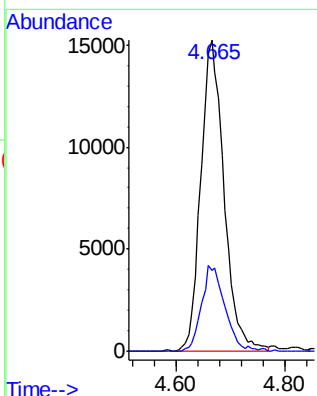
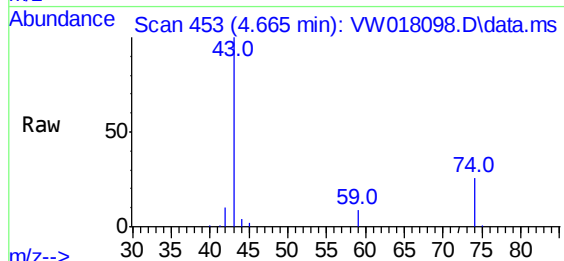




#15
Methyl Acetate
Concen: 19.75 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

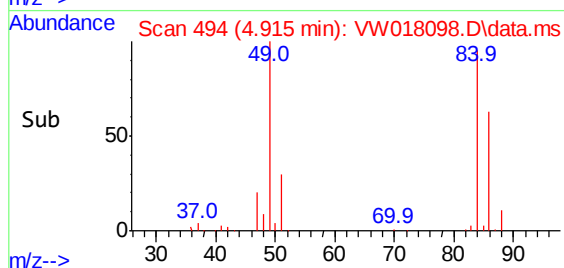
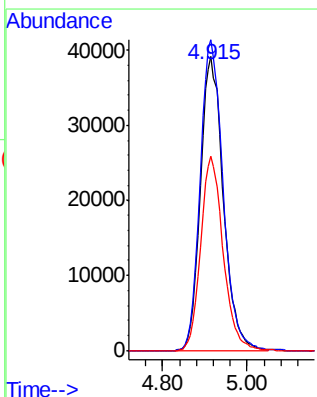
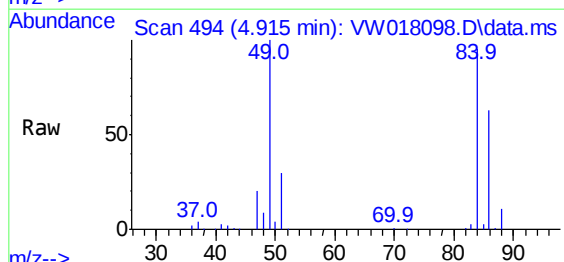
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

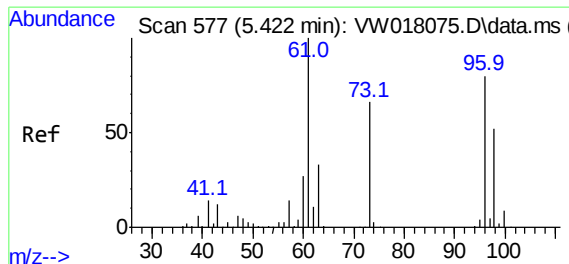
Tgt Ion: 43 Resp: 44933
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1



#16
Methylene chloride
Concen: 21.06 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 84 Resp: 141083
Ion Ratio Lower Upper
84 100
49 105.7 81.2 150.8
86 66.2 44.5 82.7



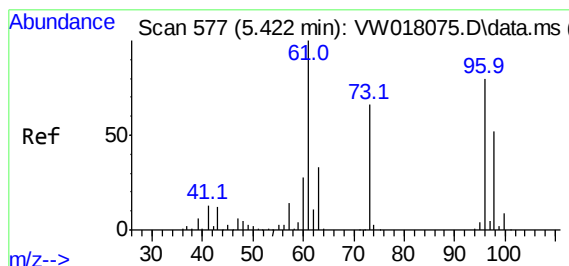
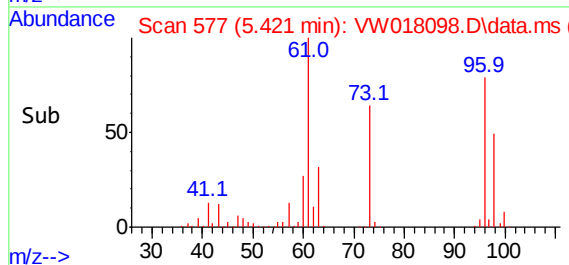
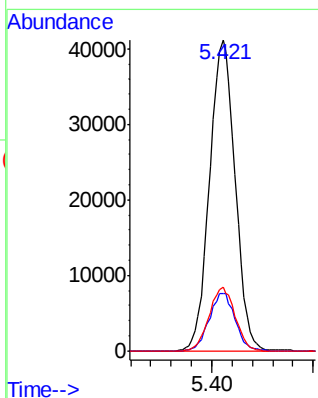
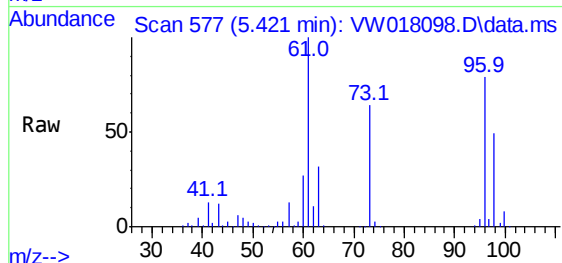


#17
Methyl tert-butyl Ether
Concen: 22.88 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

Tgt Ion: 73 Resp: 143452

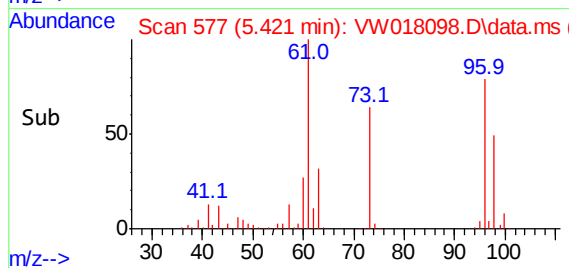
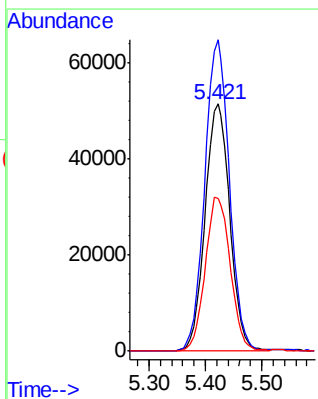
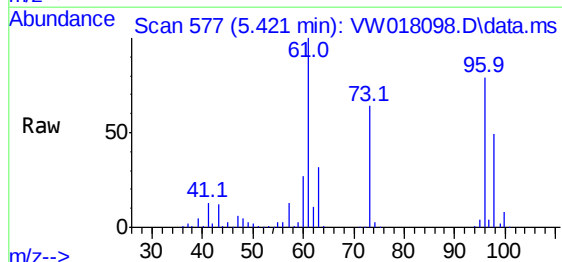
Ion	Ratio	Lower	Upper
73	100		
43	18.7	16.2	24.4
57	20.7	17.2	25.8

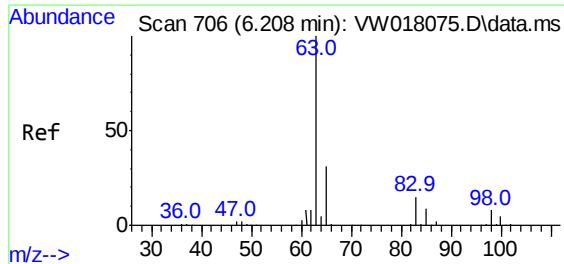


#18
trans-1,2-Dichloroethene
Concen: 25.85 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 96 Resp: 154267

Ion	Ratio	Lower	Upper
96	100		
61	125.9	92.7	172.1
98	61.5	43.3	80.3

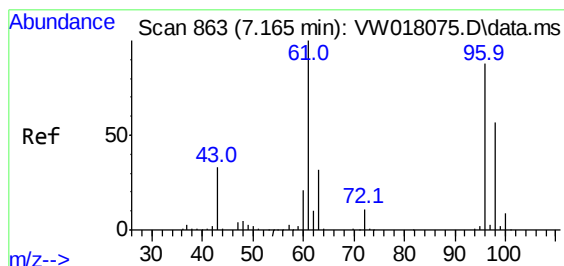
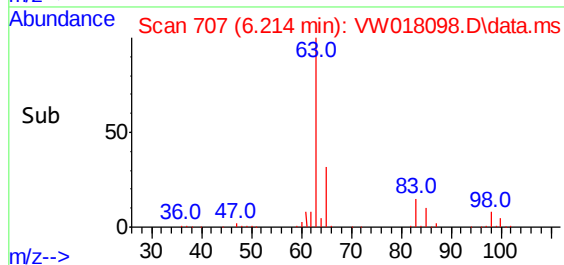
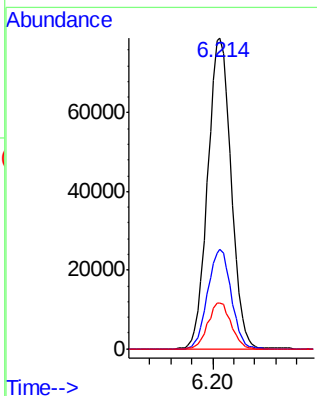
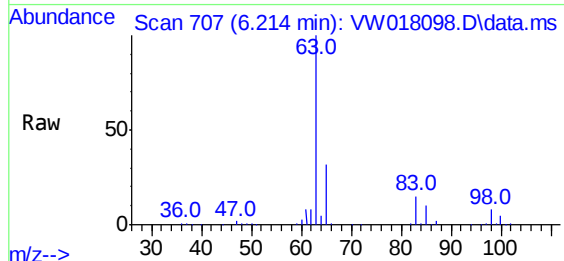




#19
1,1-Dichloroethane
Concen: 25.29 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

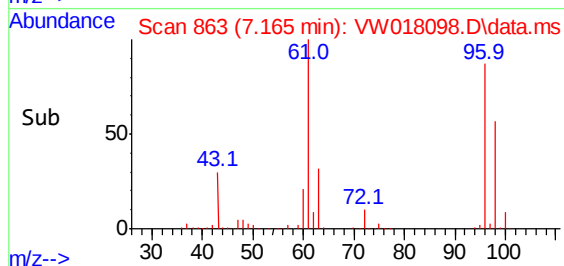
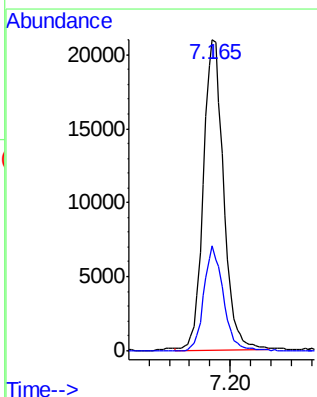
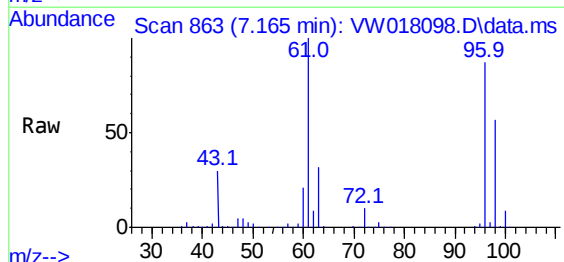
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

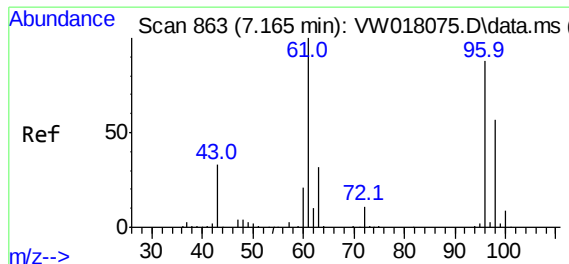
Tgt Ion: 63 Resp: 243607
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 14.8 9.4 17.6



#21
2-Butanone
Concen: 37.01 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 43 Resp: 57774
Ion Ratio Lower Upper
43 100
72 31.8 14.4 43.2



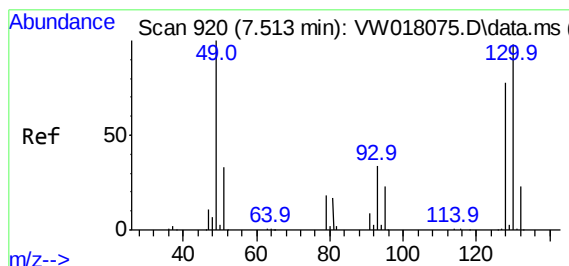
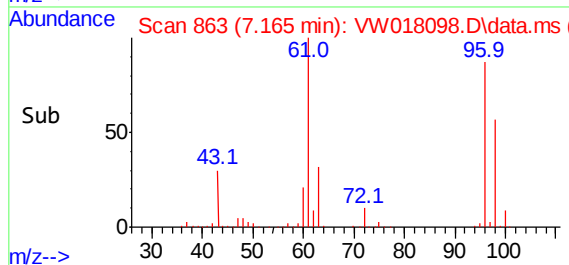
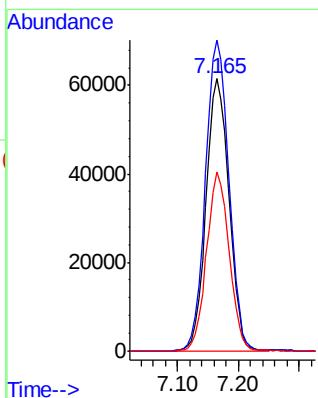
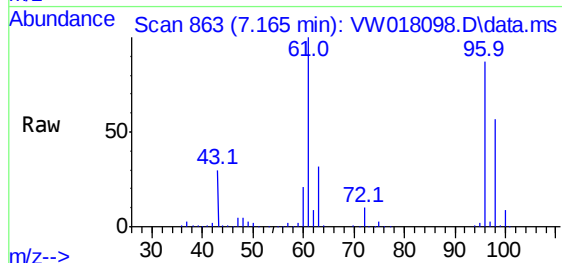


#22
 cis-1,2-Dichloroethene
 Concen: 25.79 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018098.D
 Acq: 12 Feb 2021 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Tgt Ion: 96 Resp: 159630

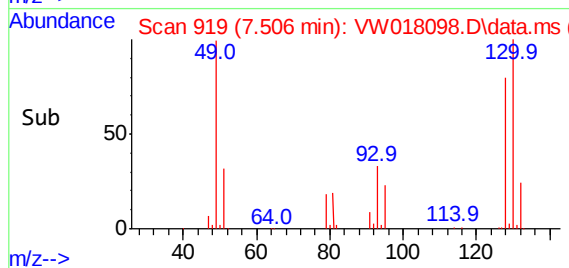
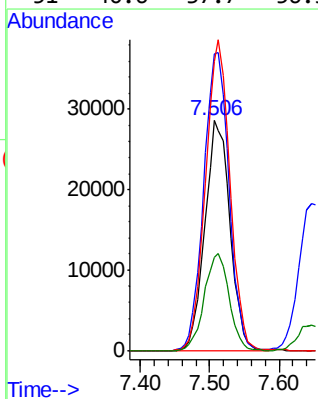
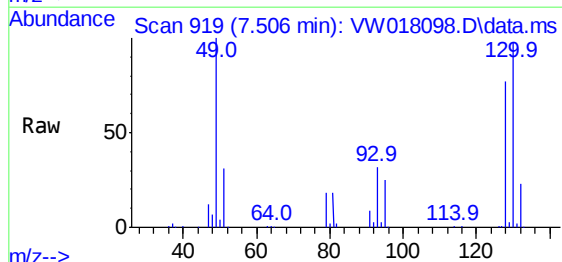
Ion	Ratio	Lower	Upper
96	100		
61	114.3	84.6	157.2
98	65.7	44.7	82.9

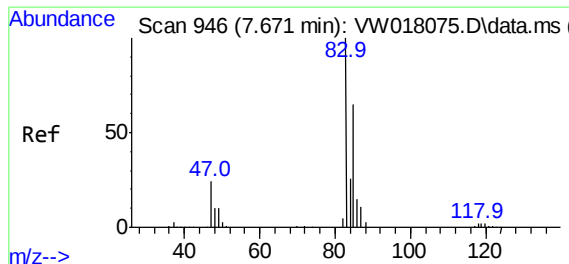


#23
 Bromochloromethane
 Concen: 24.07 ug/L
 RT: 7.506 min Scan# 919
 Delta R.T. -0.006 min
 Lab File: VW018098.D
 Acq: 12 Feb 2021 09:49

Tgt Ion: 128 Resp: 71619

Ion	Ratio	Lower	Upper
128	100		
49	129.1	101.6	188.6
130	125.7	90.4	167.8
51	40.6	37.7	56.5

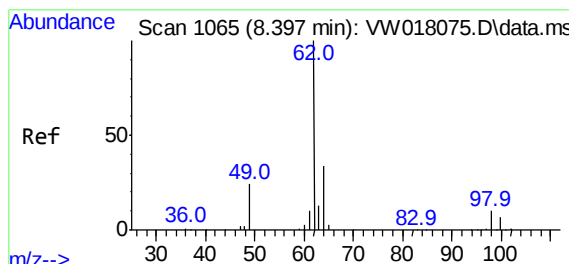
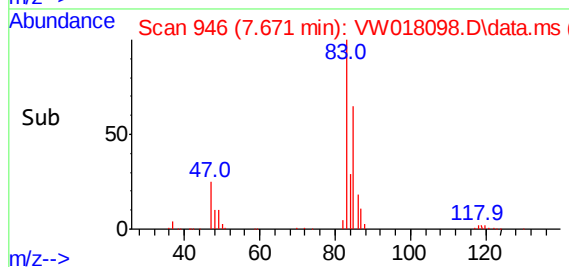
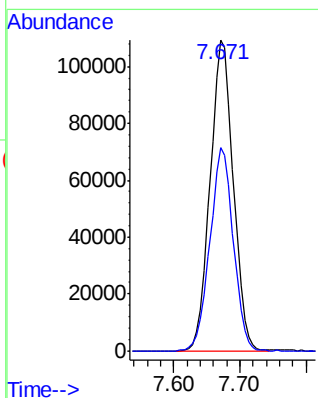
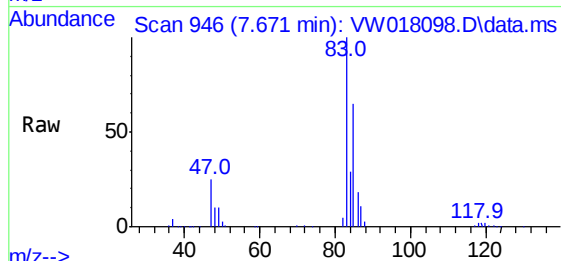




#25
Chloroform
Concen: 25.11 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

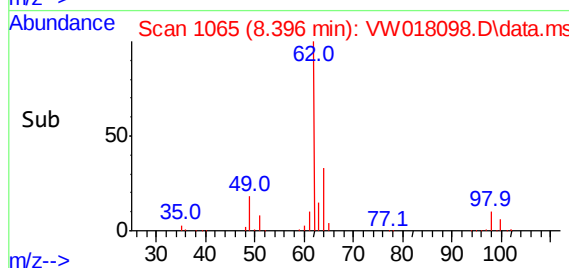
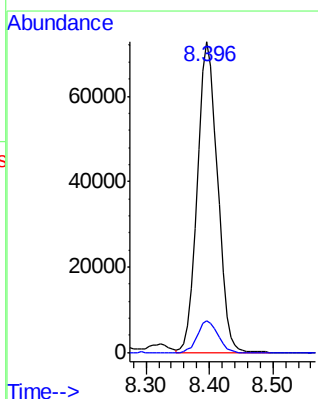
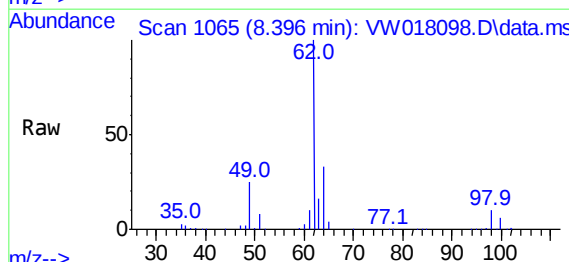
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

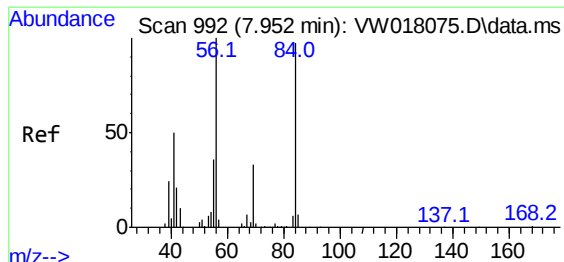
Tgt Ion: 83 Resp: 263904
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.92 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 62 Resp: 156366
Ion Ratio Lower Upper
62 100
98 10.3 8.0 12.0

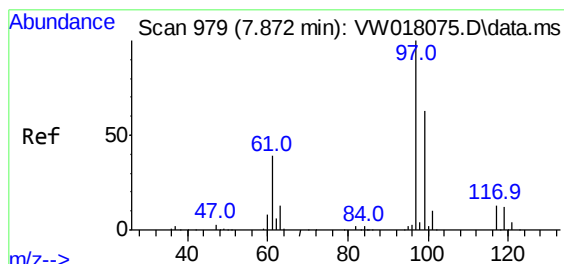
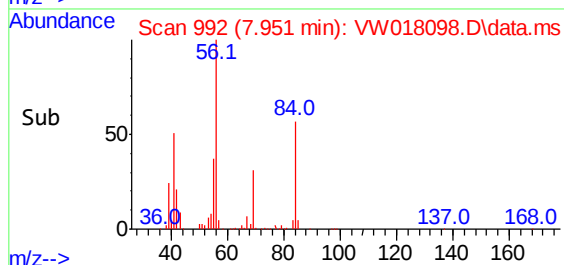
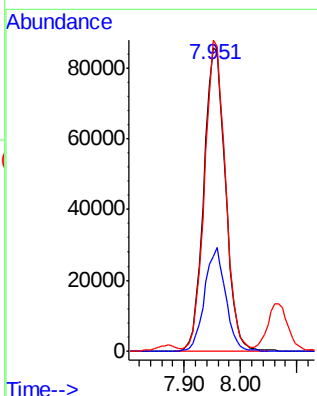
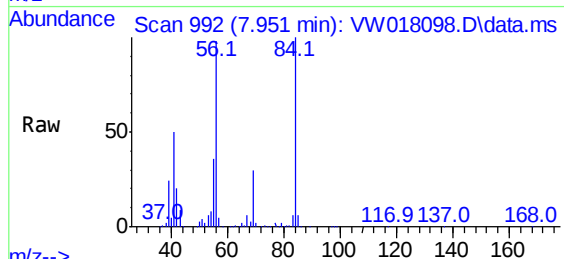




#30
Cyclohexane
Concen: 26.13 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

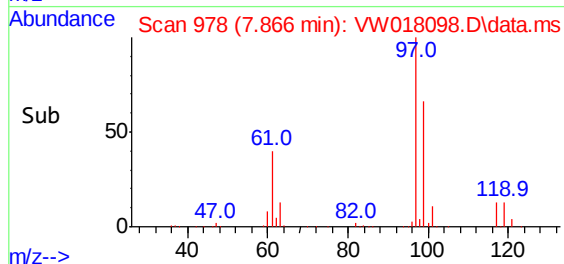
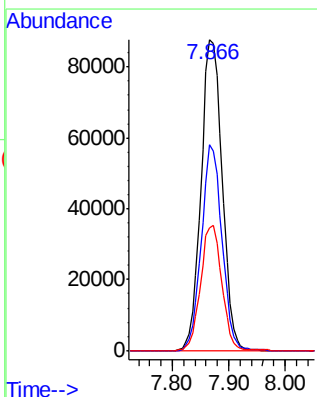
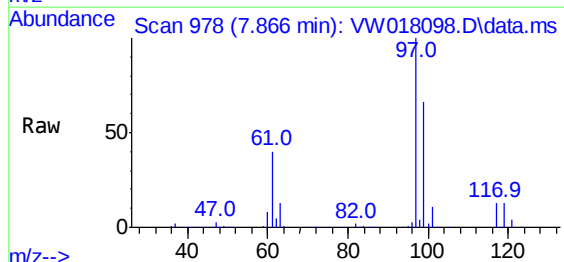
Instrument :
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ClientSampleId :
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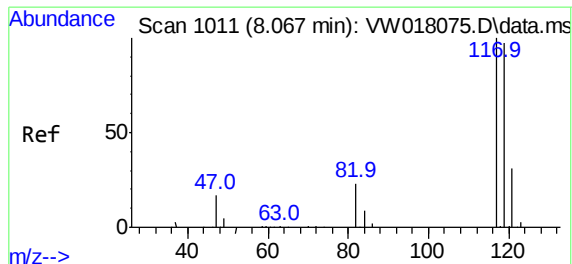
Tgt Ion: 56 Resp: 225005
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 99.3 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 27.03 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 97 Resp: 225640
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 40.3 33.6 50.4

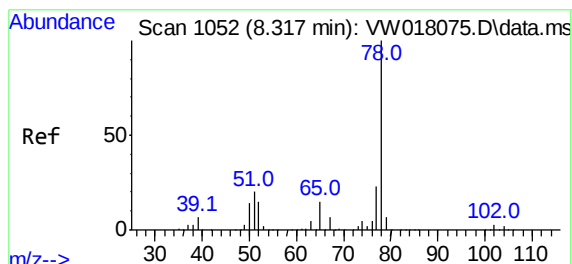
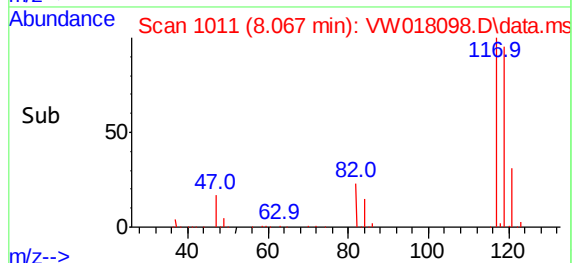
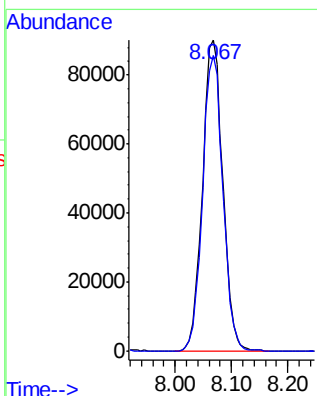
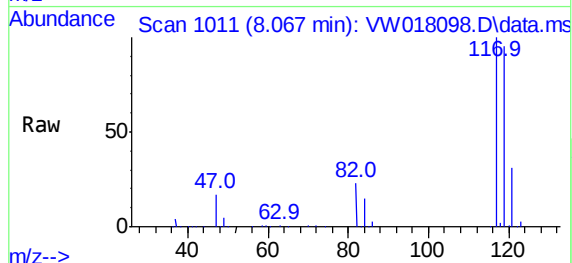




#32
Carbon tetrachloride
Concen: 27.45 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

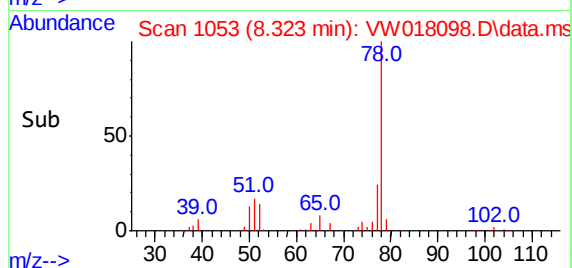
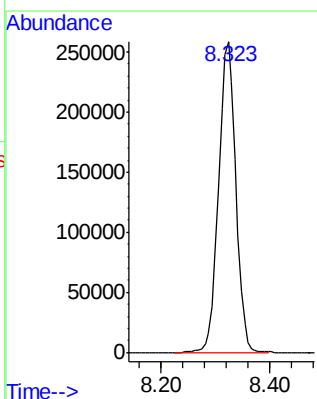
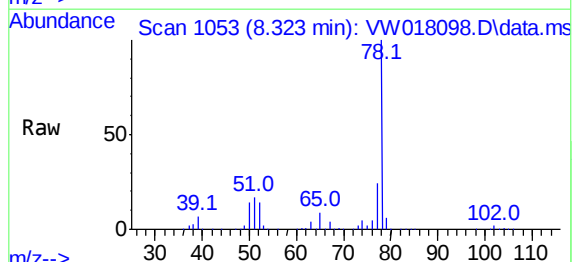
Instrument :
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ClientSampleId :
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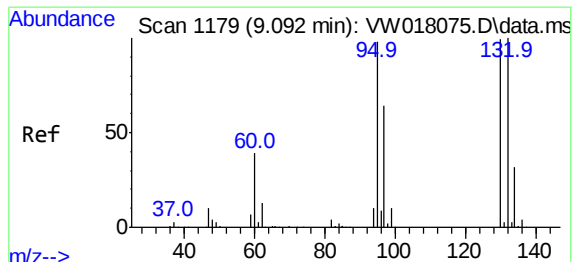
Tgt Ion:117 Resp: 221941
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8



#34
Benzene
Concen: 26.03 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 78 Resp: 572752

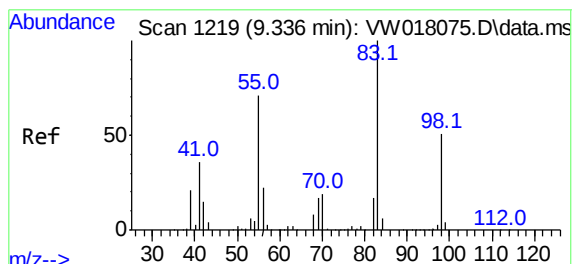
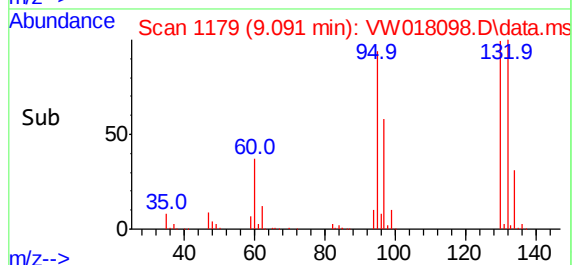
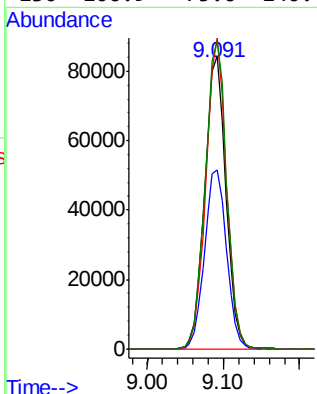
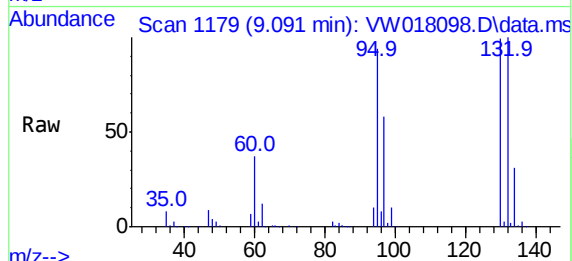




#35
Trichloroethene
Concen: 26.09 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

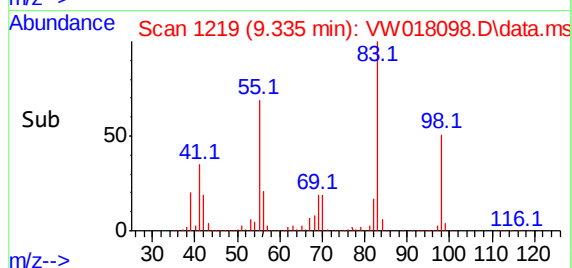
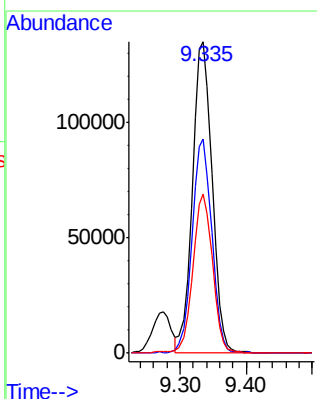
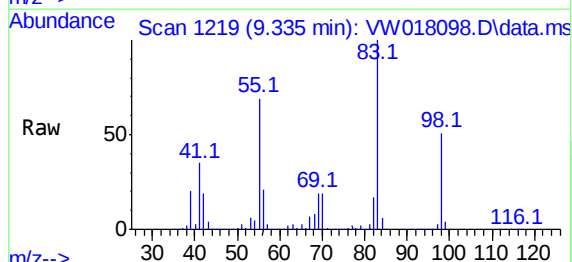
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

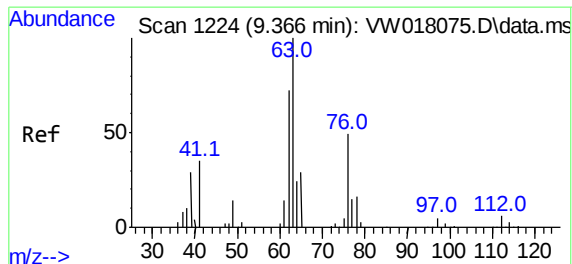
Tgt Ion: 95 Resp: 161778
Ion Ratio Lower Upper
95 100
97 63.7 45.0 83.6
132 103.3 71.0 131.8
130 106.9 75.6 140.4



#36
Methylcyclohexane
Concen: 26.68 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 83 Resp: 278167
Ion Ratio Lower Upper
83 100
55 68.6 59.4 89.0
98 50.5 40.7 61.1

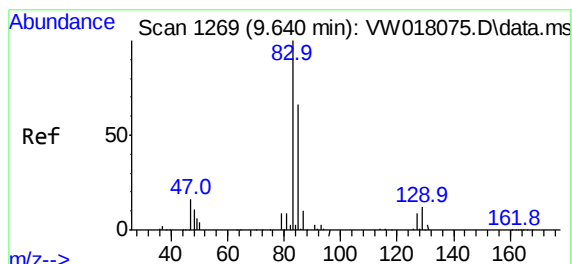
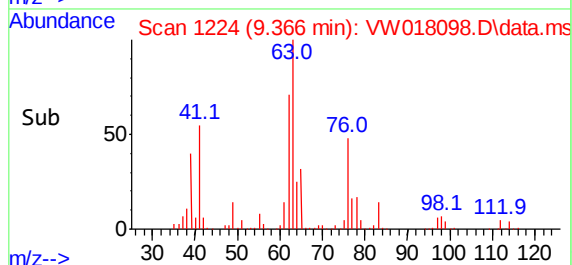
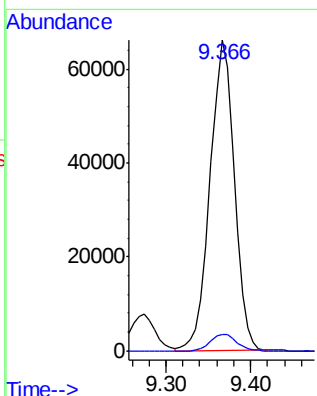
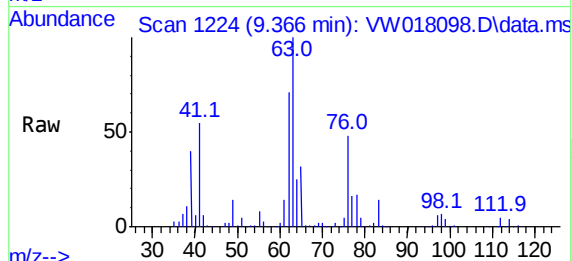




#40
1,2-Dichloropropane
Concen: 25.49 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

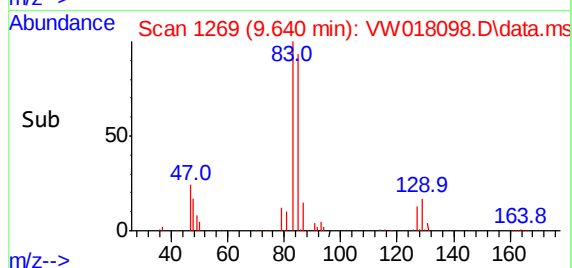
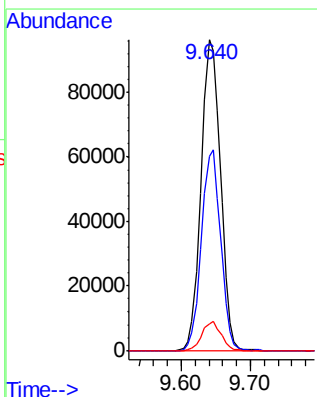
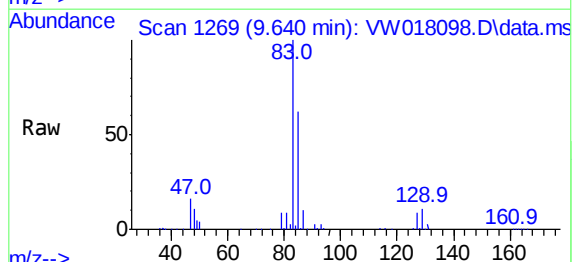
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

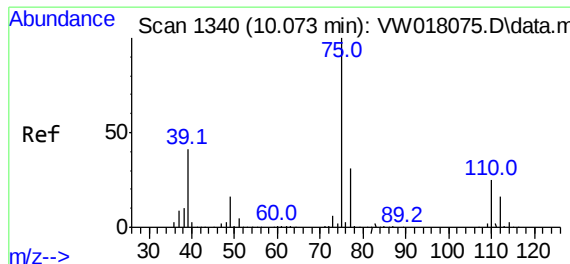
Tgt Ion: 63 Resp: 128738
Ion Ratio Lower Upper
63 100
112 5.6 4.2 6.4



#41
Bromodichloromethane
Concen: 25.73 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 83 Resp: 186073
Ion Ratio Lower Upper
83 100
85 62.3 46.8 86.8
127 8.6 7.6 11.4

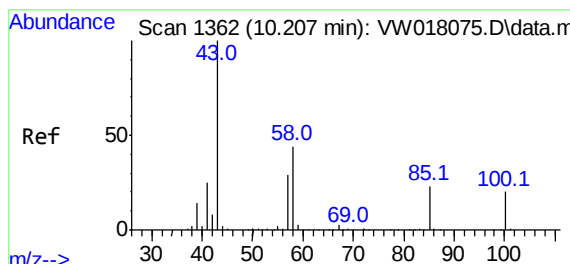
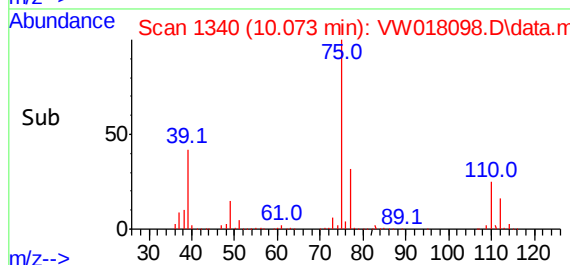
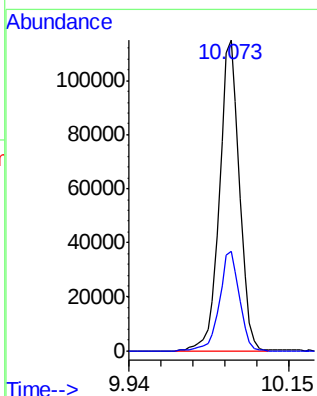
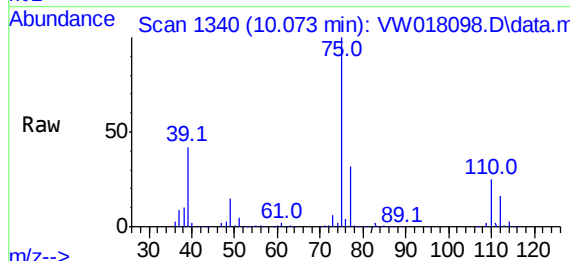




#42
cis-1,3-Dichloropropene
Concen: 25.73 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

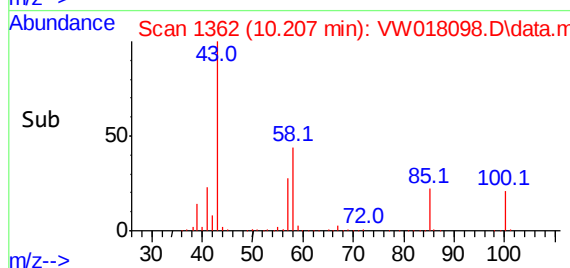
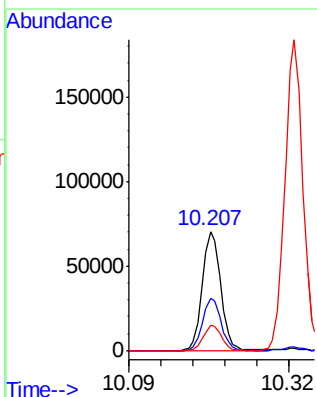
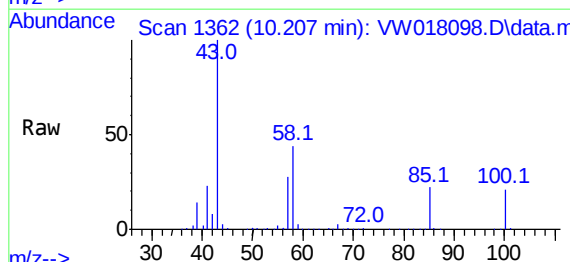
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

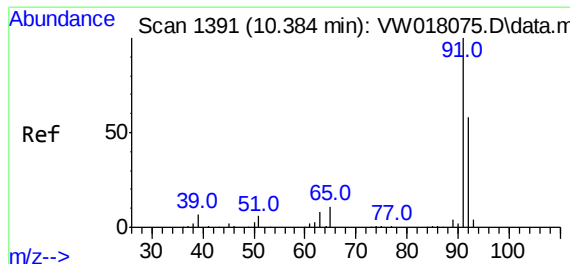
Tgt Ion: 75 Resp: 209360
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 39.75 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 43 Resp: 124810
Ion Ratio Lower Upper
43 100
58 43.6 31.6 47.4
100 20.5 14.1 21.1

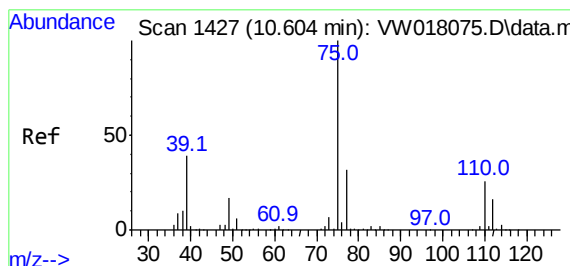
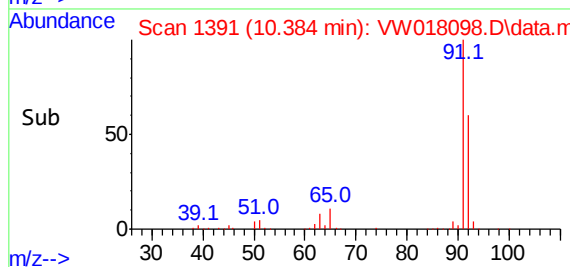
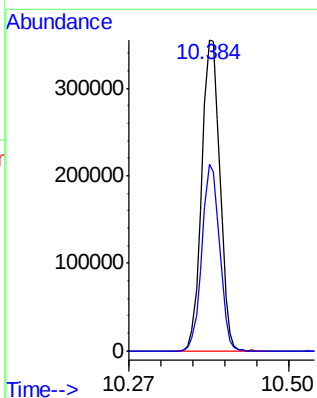
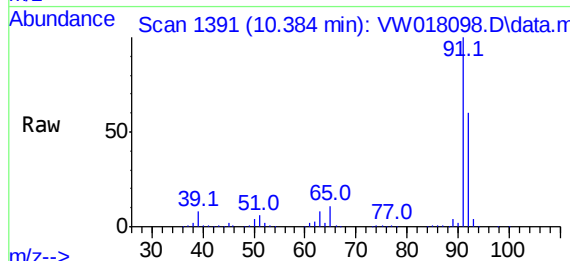




#44
Toluene
Concen: 26.54 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

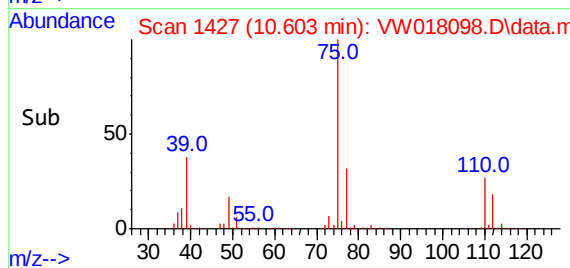
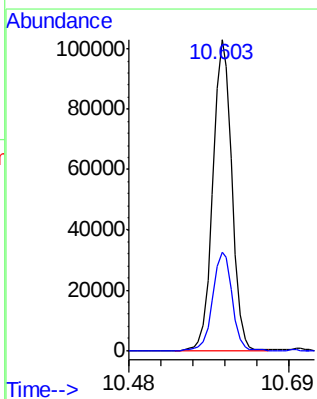
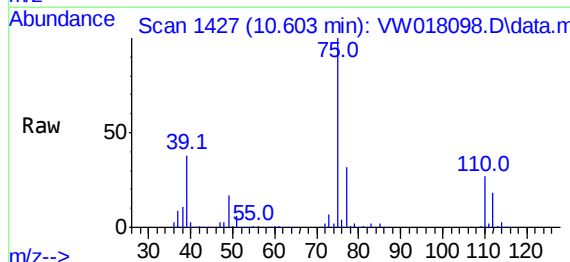
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

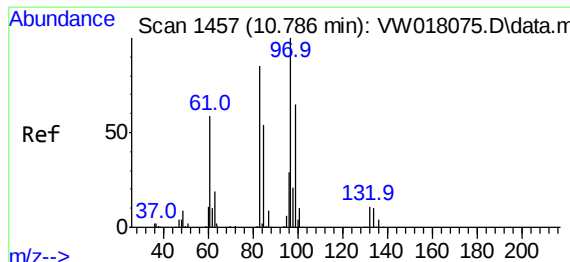
Tgt Ion: 91 Resp: 642778
Ion Ratio Lower Upper
91 100
92 60.2 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 25.06 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 75 Resp: 177548
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



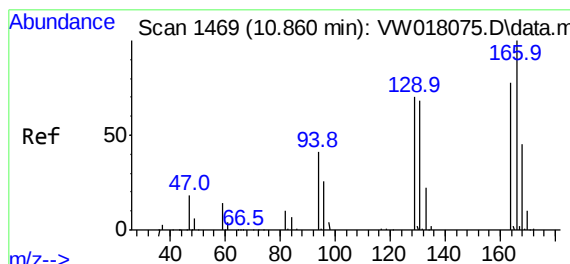
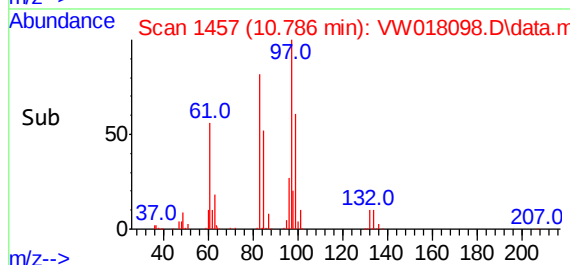
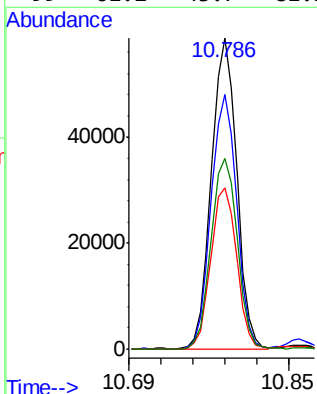
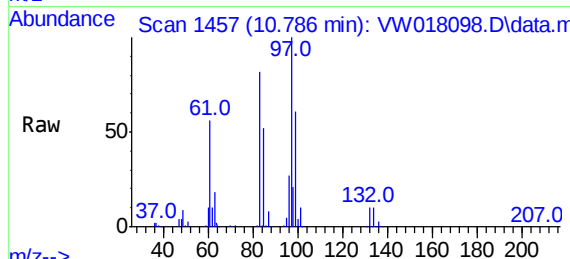


#46
1,1,2-Trichloroethane
Concen: 23.48 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

Tgt Ion: 97 Resp: 101202

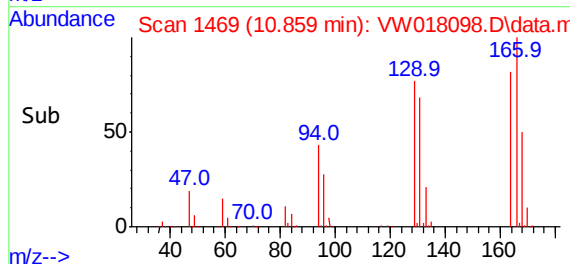
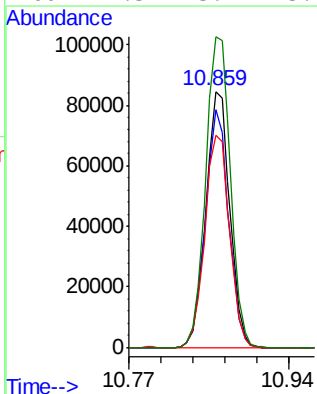
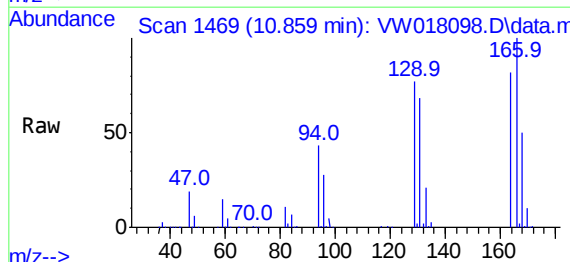
Ion	Ratio	Lower	Upper
97	100		
83	82.0	58.5	108.7
85	51.7	37.8	70.2
99	61.2	43.7	81.1

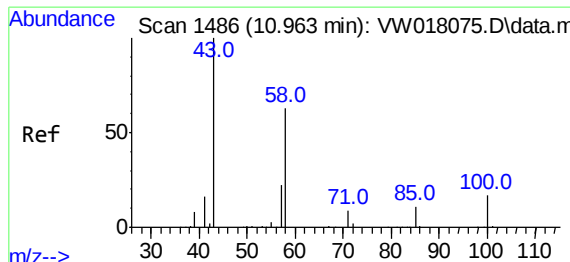


#47
Tetrachloroethene
Concen: 27.44 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 164 Resp: 144889

Ion	Ratio	Lower	Upper
164	100		
129	93.0	67.6	125.6
131	83.0	65.2	121.2
166	121.3	93.2	173.2

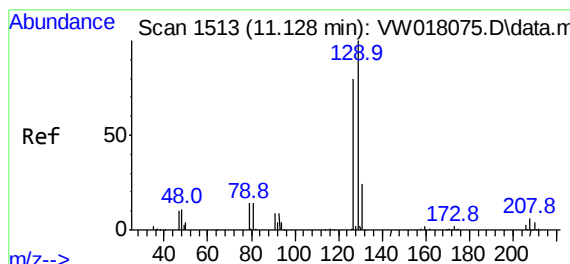
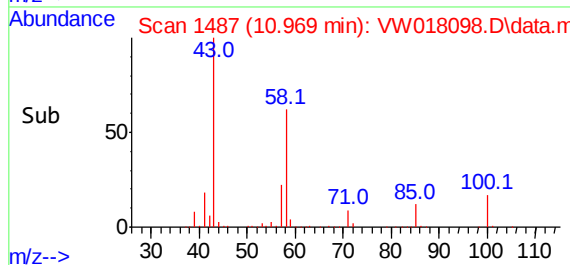
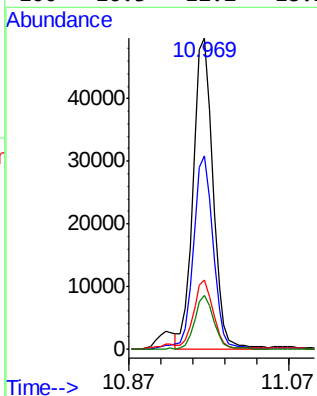
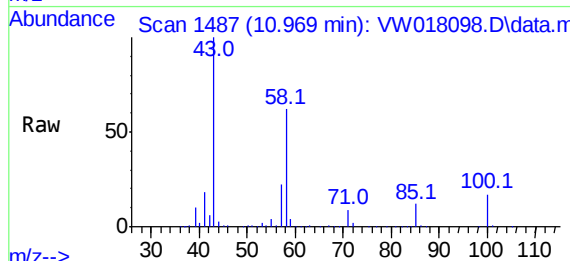




#49
2-Hexanone
Concen: 39.52 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

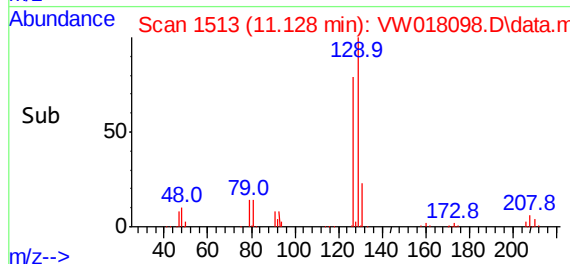
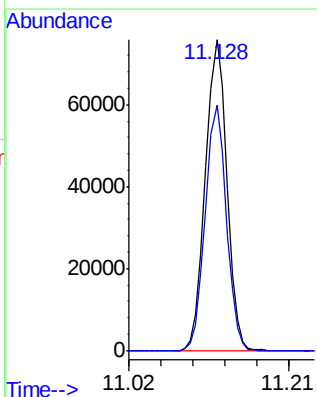
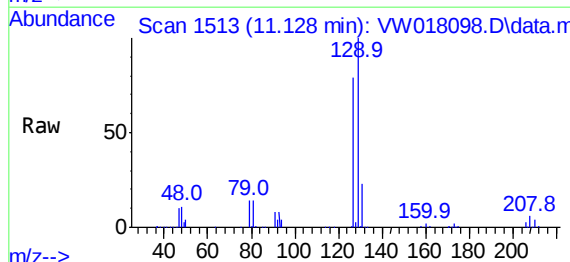
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

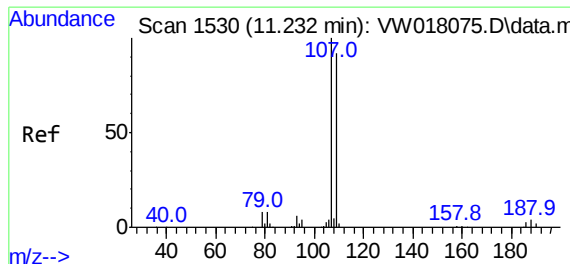
Tgt Ion: 43 Resp: 86219
Ion Ratio Lower Upper
43 100
58 60.3 51.3 76.9
57 21.2 15.0 22.6
100 16.3 12.2 18.2



#50
Dibromochloromethane
Concen: 24.96 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 129 Resp: 128893
Ion Ratio Lower Upper
129 100
127 79.0 53.2 98.8

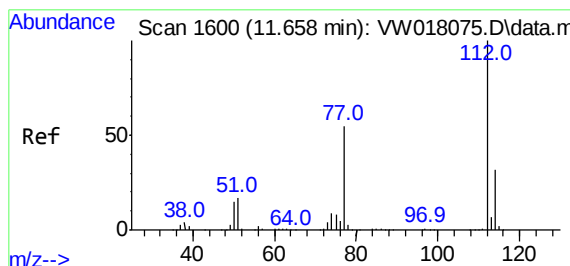
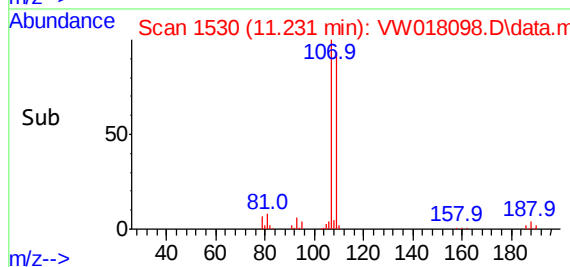
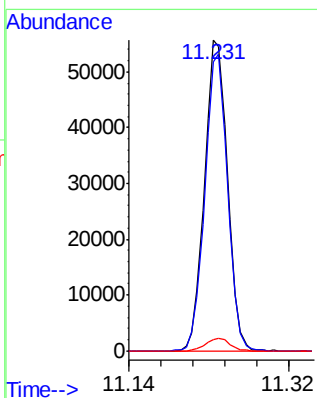
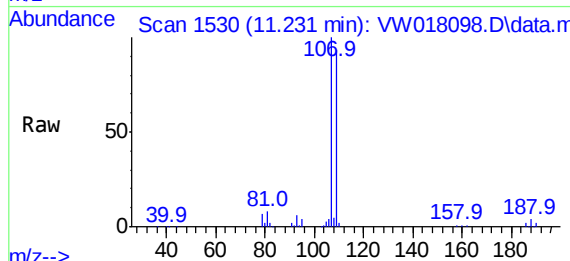




#51
1,2-Dibromoethane
Concen: 23.06 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

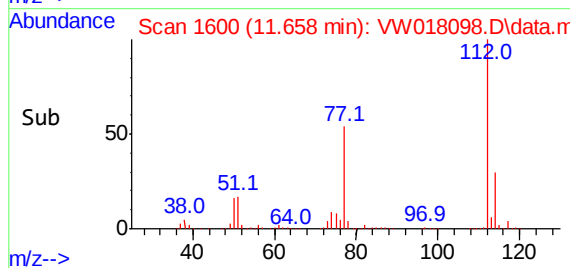
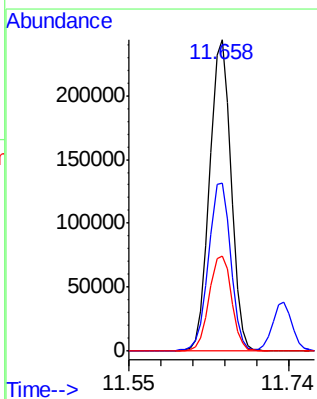
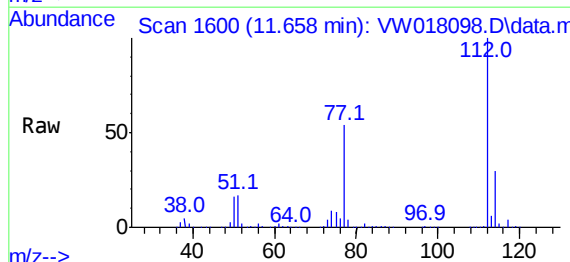
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

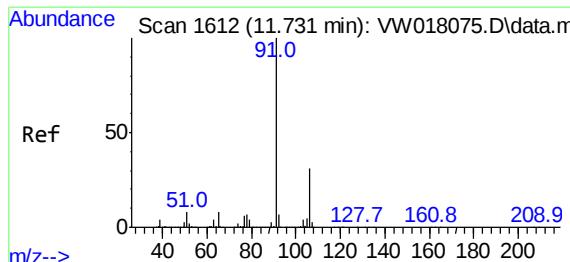
Tgt Ion:107 Resp: 99132
Ion Ratio Lower Upper
107 100
109 92.8 66.4 123.2
188 3.6 4.0 6.0#



#52
Chlorobenzene
Concen: 25.98 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:112 Resp: 414540
Ion Ratio Lower Upper
112 100
77 54.0 42.6 64.0
114 30.4 21.6 40.2

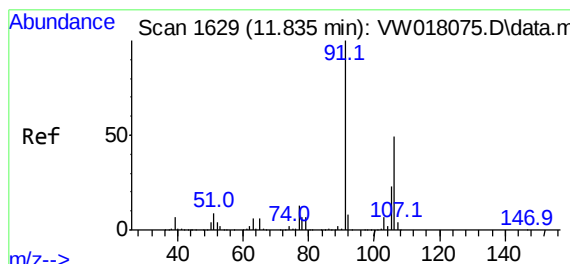
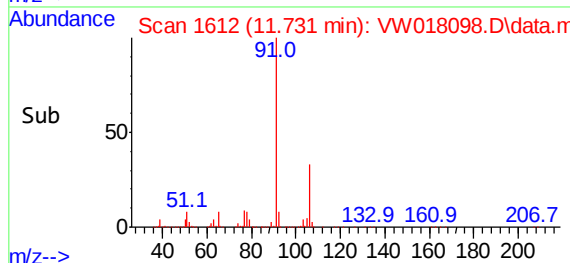
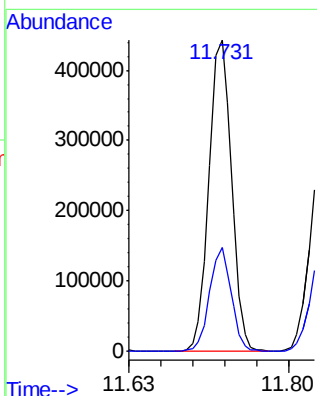
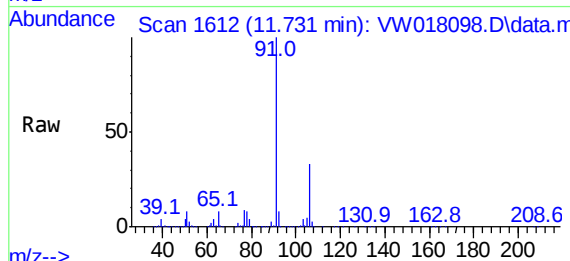




#53
Ethylbenzene
Concen: 26.15 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

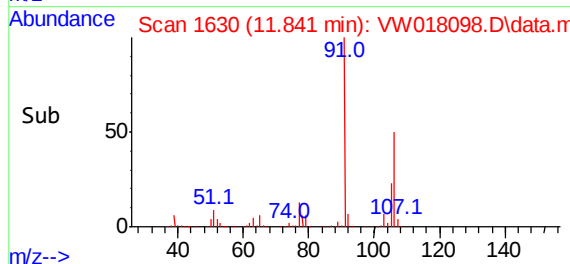
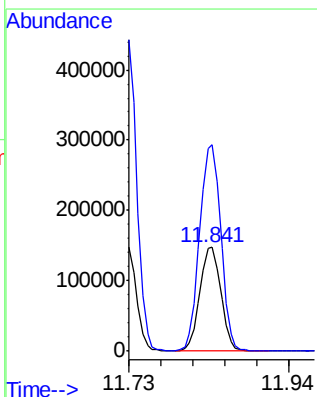
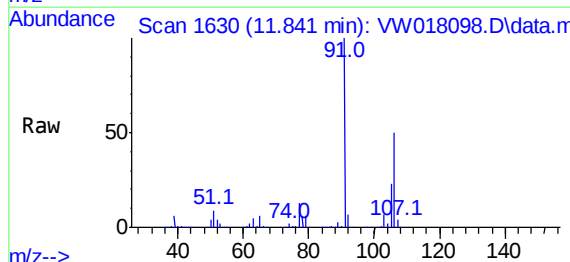
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

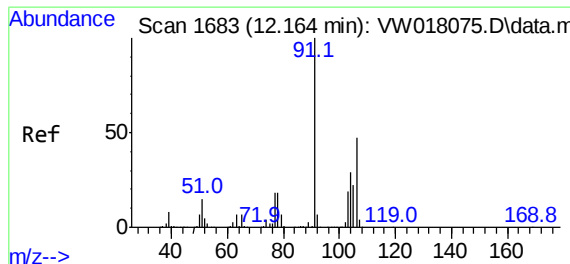
Tgt Ion: 91 Resp: 719640
Ion Ratio Lower Upper
91 100
106 33.3 21.1 39.1



#54
m,p-Xylene
Concen: 26.54 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 106 Resp: 278541
Ion Ratio Lower Upper
106 100
91 199.5 136.4 253.4

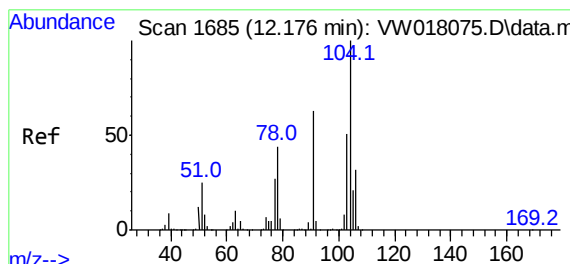
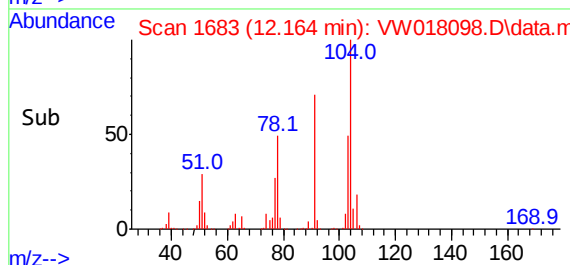
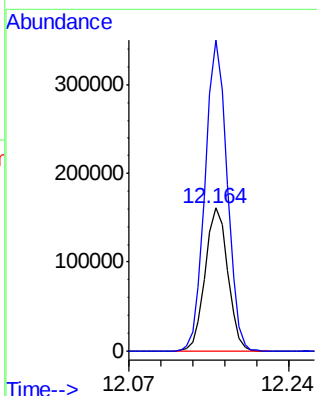
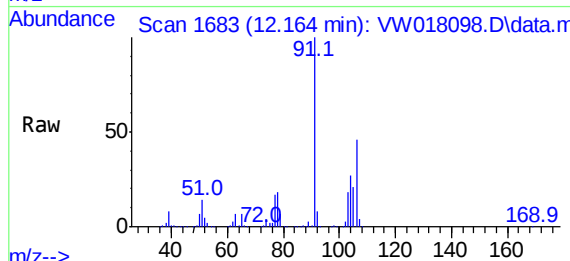




#55
o-xylene
Concen: 26.17 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

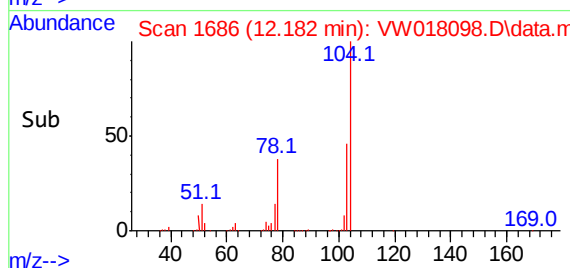
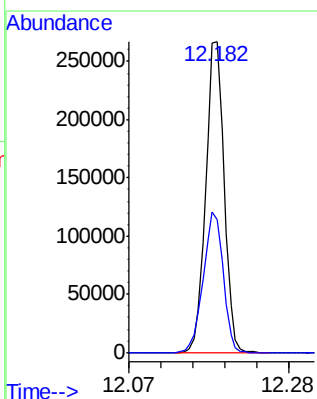
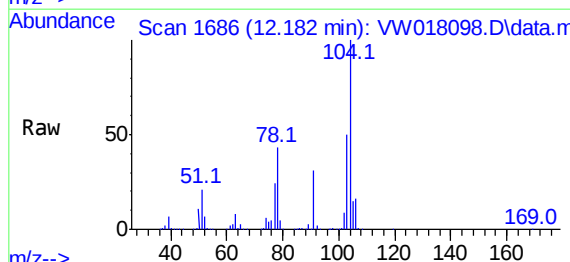
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

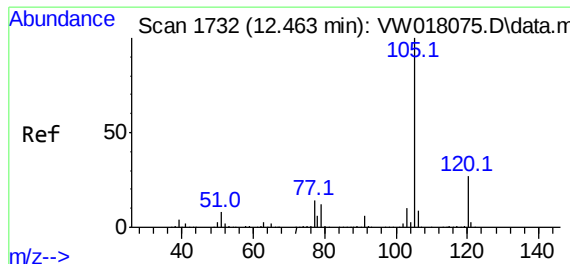
Tgt Ion:106 Resp: 260512
Ion Ratio Lower Upper
106 100
91 217.8 147.6 274.2



#56
Styrene
Concen: 26.17 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:104 Resp: 443136
Ion Ratio Lower Upper
104 100
78 42.8 31.3 58.1

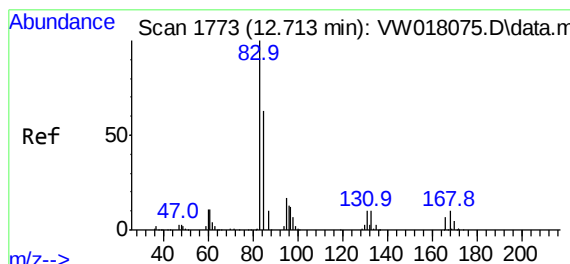
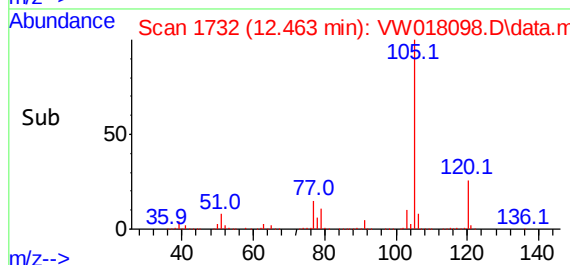
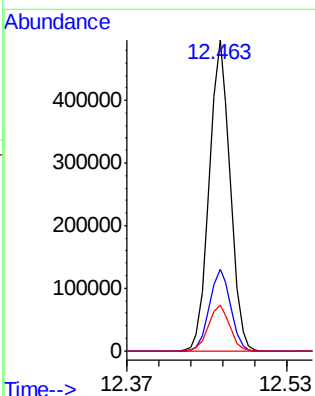
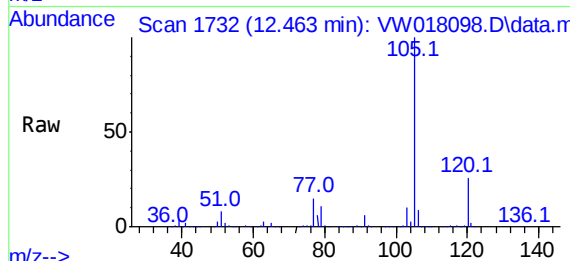




#57
Isopropylbenzene
Concen: 26.72 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

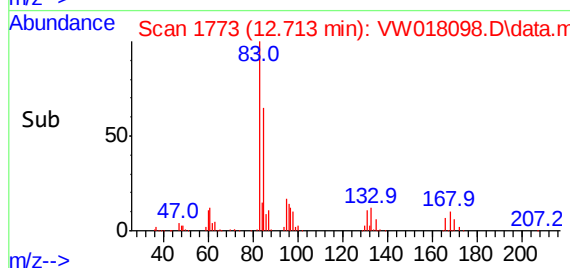
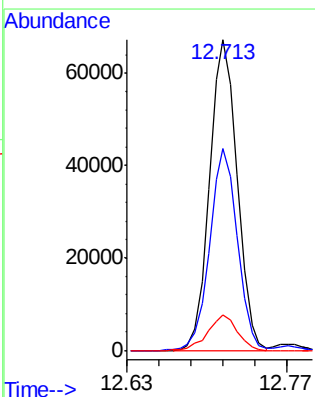
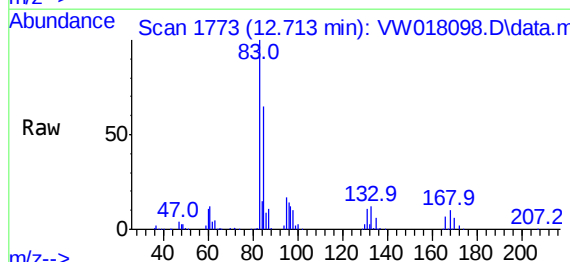
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

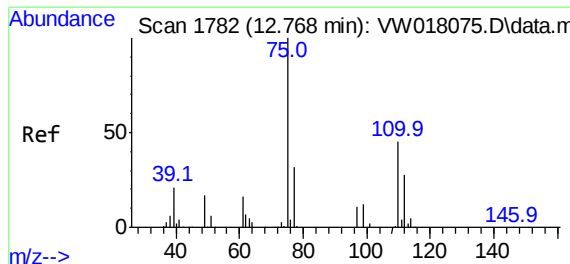
Tgt Ion:105 Resp: 740953
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 21.67 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 83 Resp: 110492
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
131 11.4 8.3 12.5

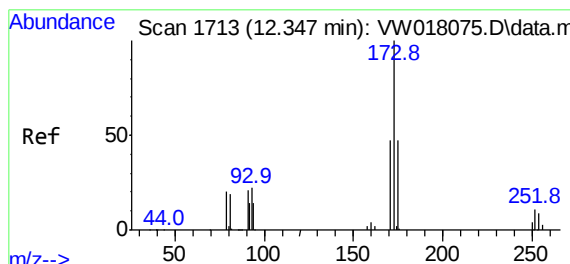
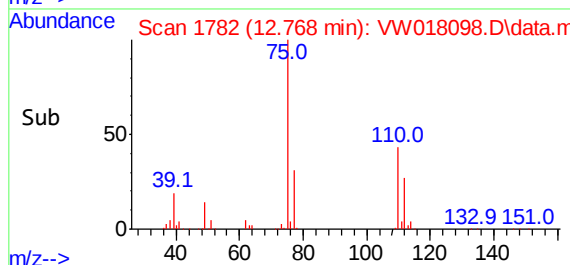
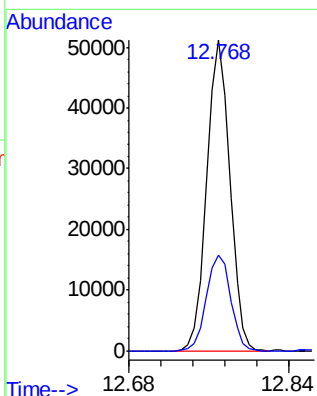
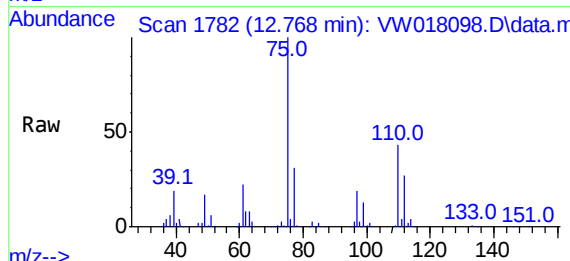




#59
1,2,3-Trichloropropane
Concen: 20.78 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

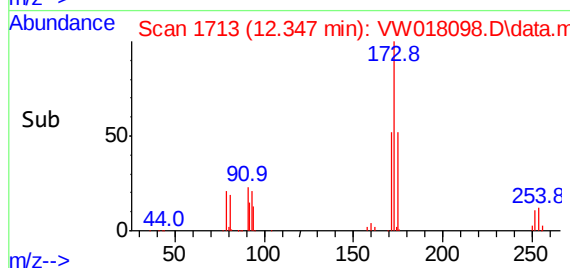
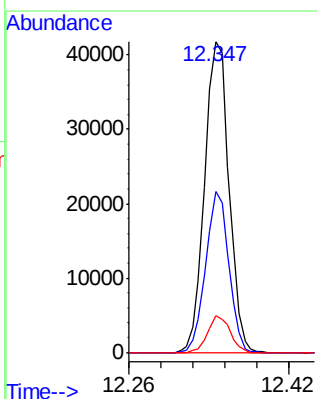
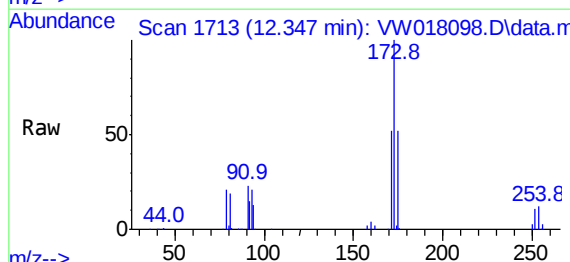
Instrument :
MSVOA_W
ClientSampled :
VSTD02521

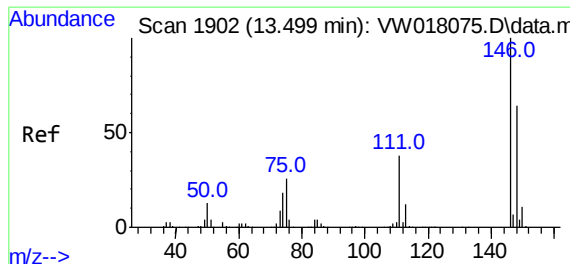
Tgt Ion: 75 Resp: 80276
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8



#62
Bromoform
Concen: 23.52 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 173 Resp: 73104
Ion Ratio Lower Upper
173 100
175 49.2 39.1 58.7
254 10.8 7.1 10.7#

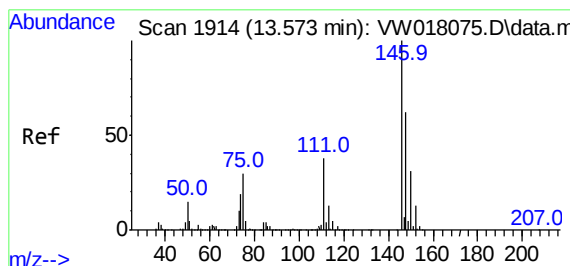
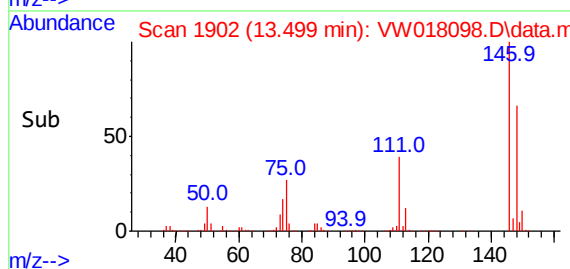
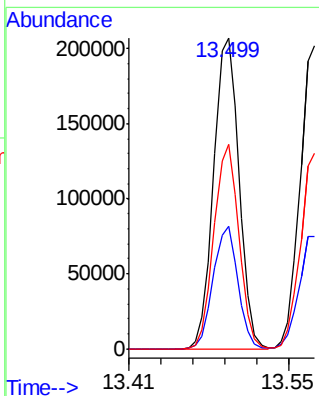
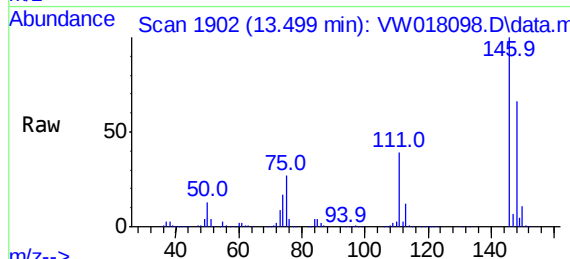




#63
1,3-Dichlorobenzene
Concen: 26.11 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

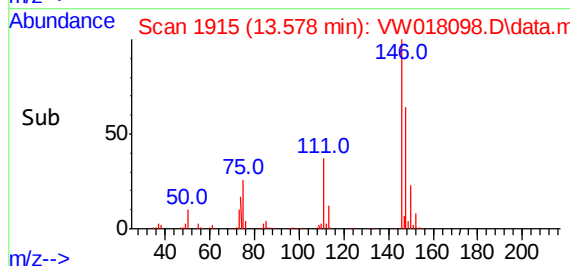
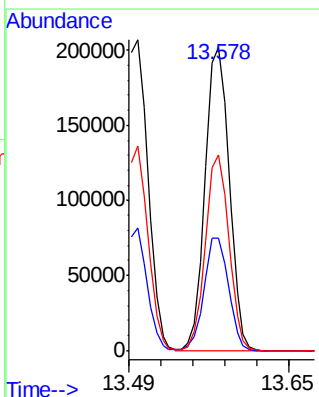
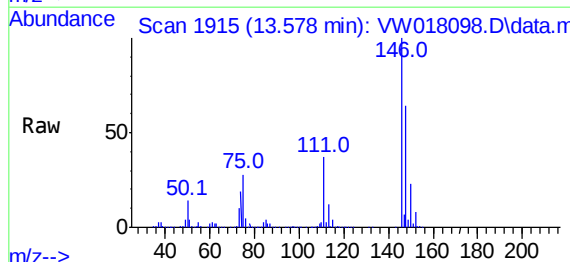
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

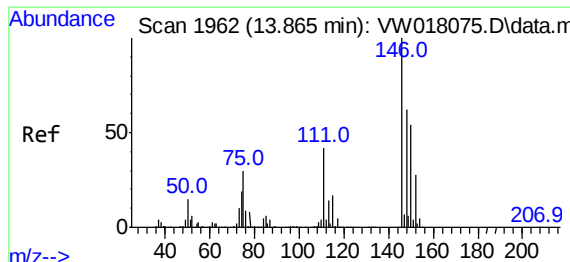
Tgt Ion:146 Resp: 335624
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 65.7 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.75 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:146 Resp: 332937
Ion Ratio Lower Upper
146 100
111 37.1 27.7 51.5
148 64.4 47.0 87.2

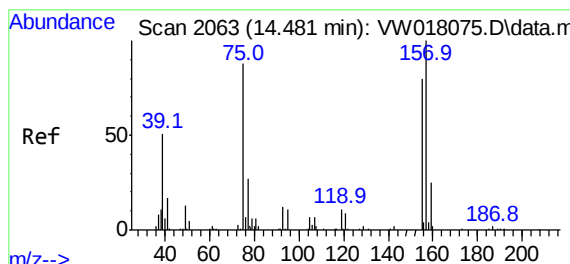
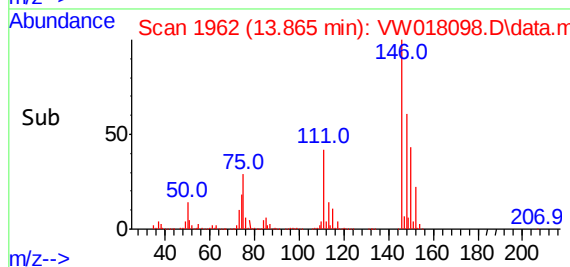
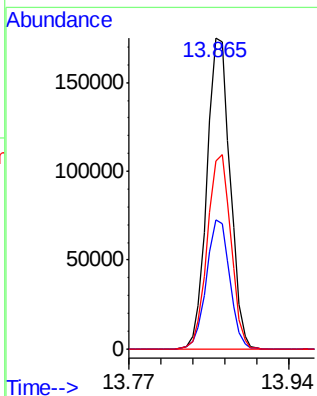
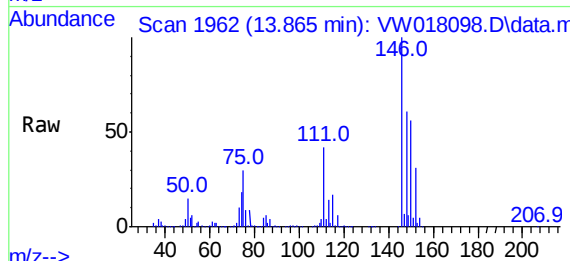




#65
1,2-Dichlorobenzene
Concen: 25.12 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

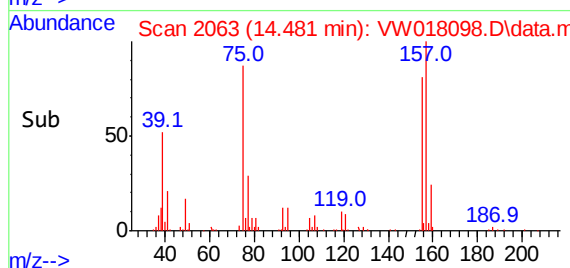
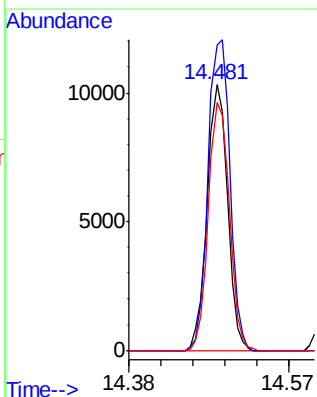
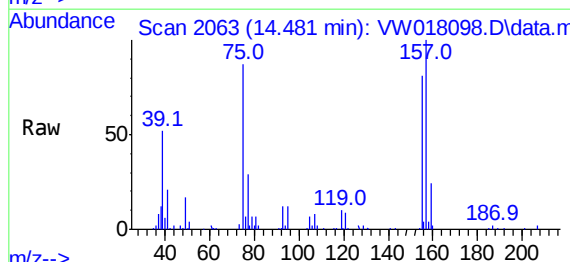
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

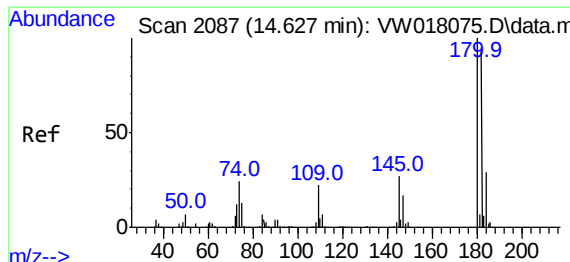
Tgt Ion:146 Resp: 291231
Ion Ratio Lower Upper
146 100
111 41.6 31.7 47.5
148 60.6 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.00 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion: 75 Resp: 16686
Ion Ratio Lower Upper
75 100
157 115.3 99.9 149.9
155 93.4 71.4 107.0

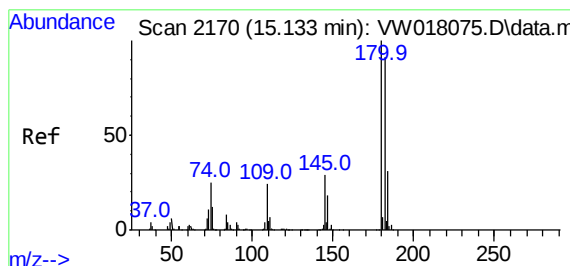
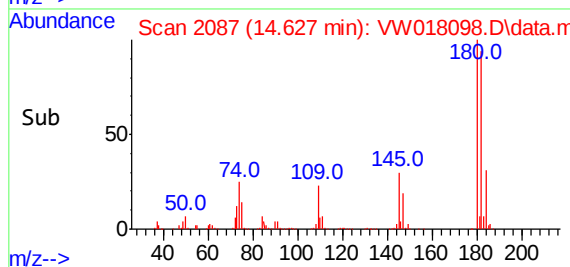
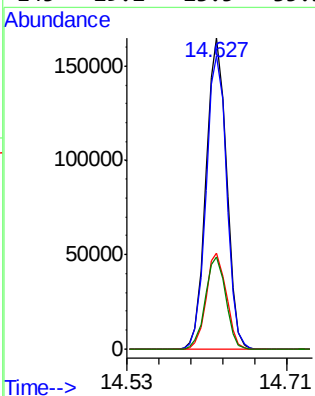
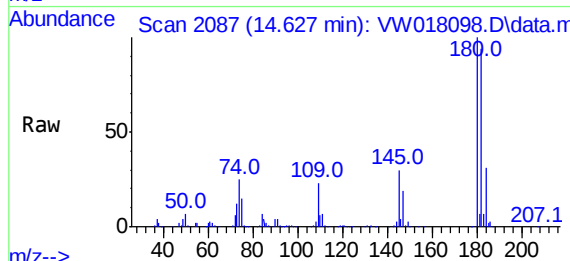




#67
1,3,5-Trichlorobenzene
Concen: 26.55 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

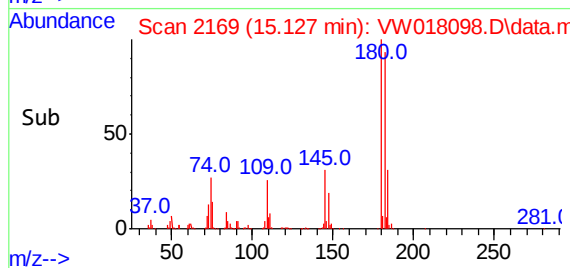
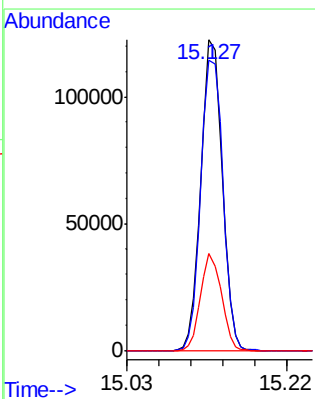
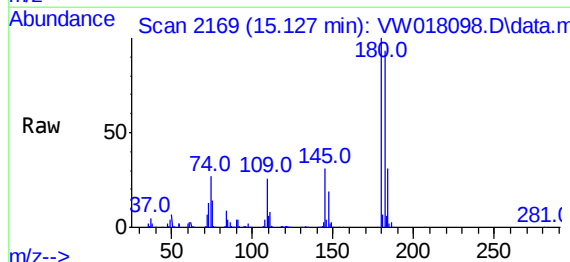
Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

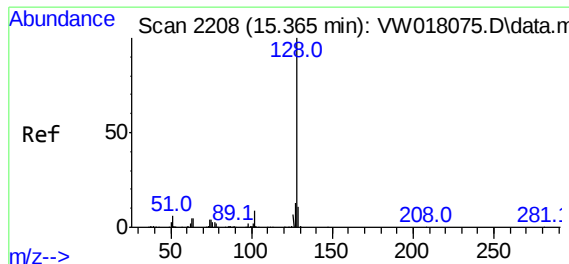
Tgt Ion:180 Resp: 262222
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
184 30.2 24.2 36.4
145 29.2 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.11 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:180 Resp: 206688
Ion Ratio Lower Upper
180 100
182 97.5 71.3 106.9
145 30.5 24.0 36.0

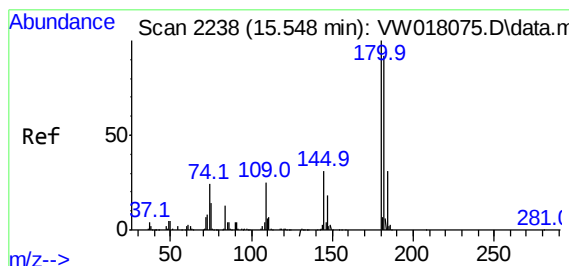
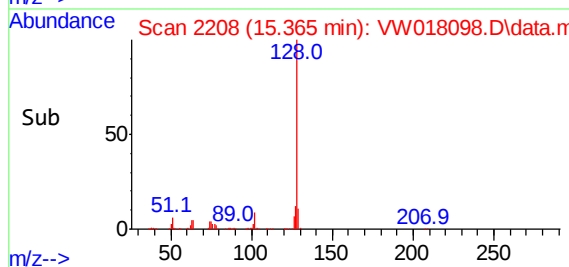
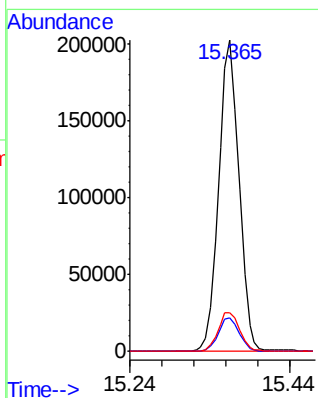
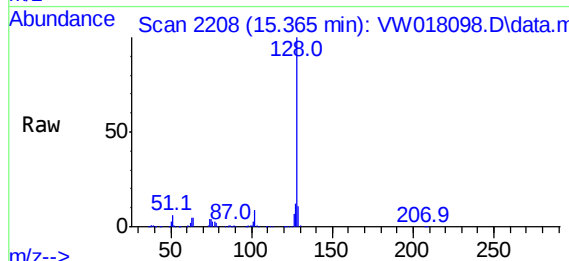




#69
Naphthalene
Concen: 22.12 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Instrument :
MSVOA_W
ClientSampled :
VSTD02521

Tgt Ion:128 Resp: 354383
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.15 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018098.D
Acq: 12 Feb 2021 09:49

Tgt Ion:180 Resp: 177215
Ion Ratio Lower Upper
180 100
182 96.2 74.7 112.1
145 32.5 25.4 38.0

