

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018263.D
 Acq On : 09 Mar 2021 14:16
 Operator : SY/VA
 Sample : M1610-07
 Misc : 5.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG560

Quant Time: Mar 10 02:15:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

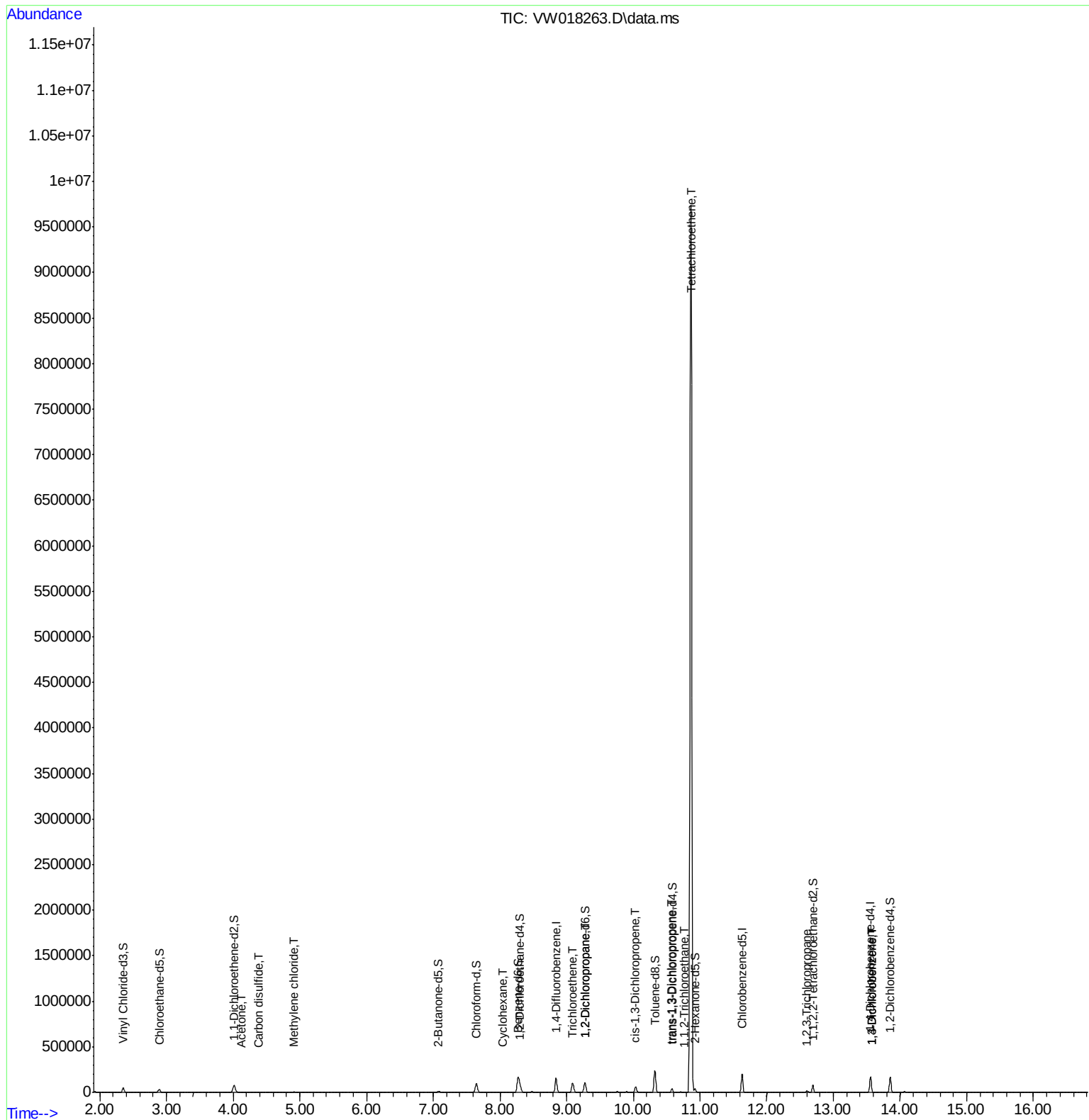
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	133054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	110974	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	40647	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45748	31.75	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.00%	
7) Chloroethane-d5	2.892	69	35172	30.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.24%	
10) 1,1-Dichloroethene-d2	4.013	63	74251	22.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 88.72%	
20) 2-Butanone-d5	7.080	46	15150	44.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.46%	
24) Chloroform-d	7.647	84	95099	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.52%	
26) 1,2-Dichloroethane-d4	8.305	65	52565	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.00%	
29) Benzene-d6	8.275	84	173576	29.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 117.52%	
33) 1,2-Dichloropropane-d6	9.275	67	46584	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.84%	
37) Toluene-d8	10.323	98	162691	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.16%	
38) trans-1,3-Dichloroprop...	10.579	79	21355	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.28%	
39) 2-Hexanone-d5	10.927	63	13758	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.04%	
48) 1,1,2,2-Tetrachloroeth...	12.695	84	35258	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.76%	
61) 1,2-Dichlorobenzene-d4	13.853	152	42079	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.92%	
Target Compounds						Qvalue
13) Acetone	4.123	43	836	3.12	ug/L	75
14) Carbon disulfide	4.373	76	1128	0.22	ug/L	98
16) Methylene chloride	4.916	84	4240	2.09	ug/L	93
30) Cyclohexane	8.037	56	921	0.38	ug/L #	21
35) Trichloroethene	9.092	95	35031	18.72	ug/L	97
40) 1,2-Dichloropropane	9.275	63	6346	4.28	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	1723	0.69	ug/L	92
45) trans-1,3-Dichloropropene	10.573	75	1052	0.47	ug/L #	69
46) 1,1,2-Trichloroethane	10.756	97	306	0.25	ug/L #	16
47) Tetrachloroethene	10.866	164	2061793	1471.41	ug/L	93
59) 1,2,3-Trichloropropane	12.603	75	233	0.22	ug/L #	50
63) 1,3-Dichlorobenzene	13.579	146	864	0.32	ug/L #	75
64) 1,4-Dichlorobenzene	13.579	146	864	0.32	ug/L #	81

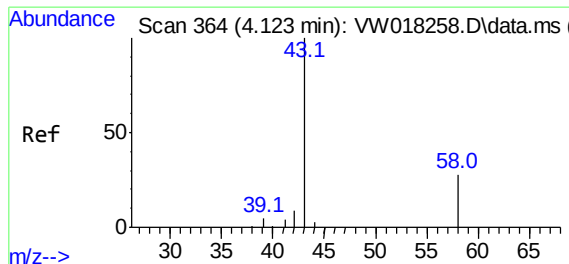
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 10 02:13:53 2021
Response via : Initial Calibration

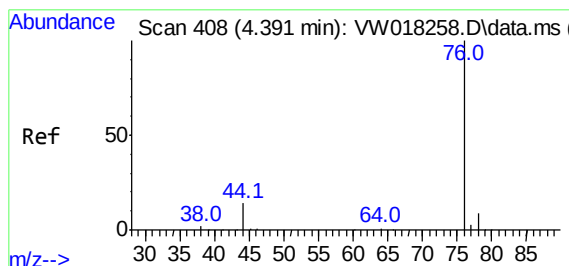
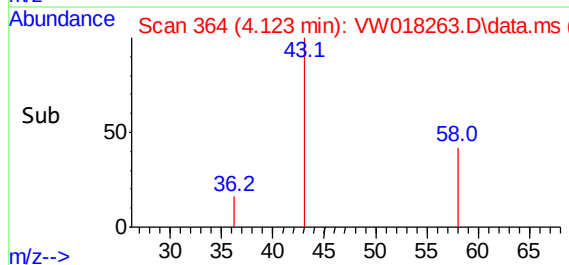
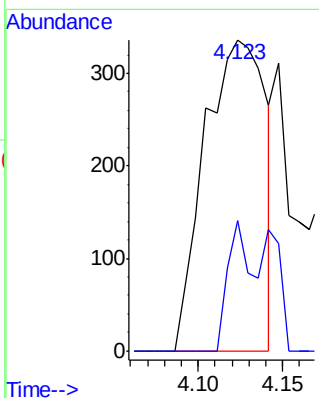
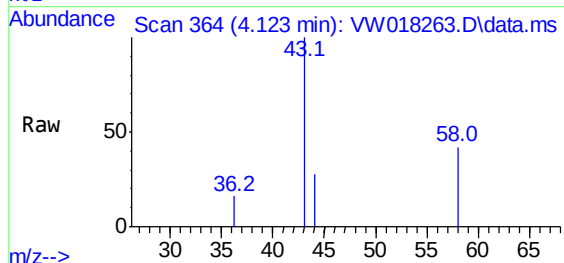




#13
Acetone
Concen: 3.12 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

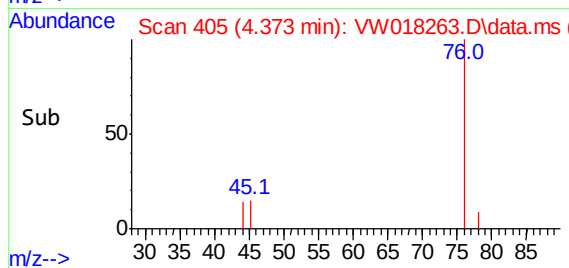
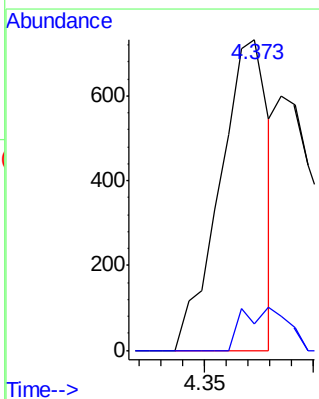
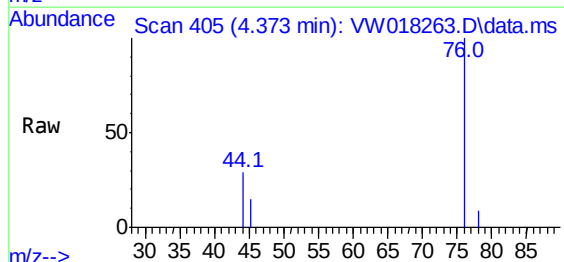
Instrument :
MSVOA_W
ClientSampled :
BG560

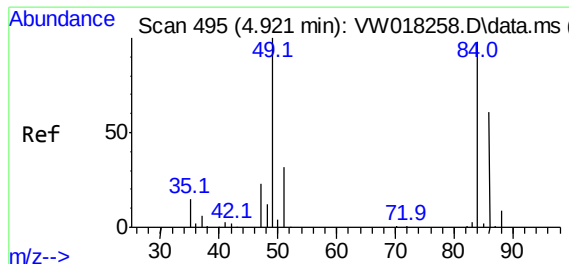
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 17.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.22 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.018 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Tgt Ion: 76 Resp: 1128
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



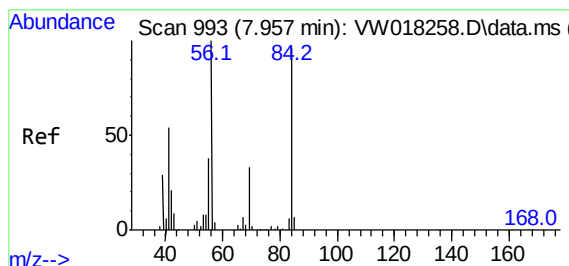
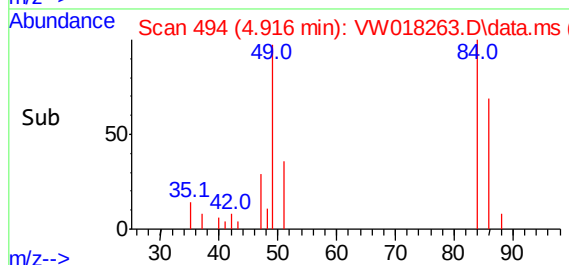
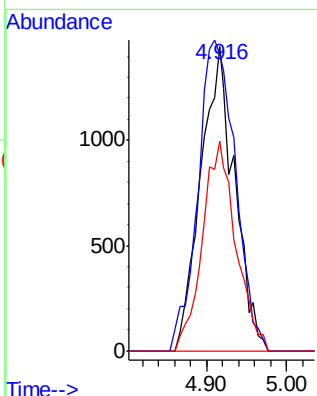
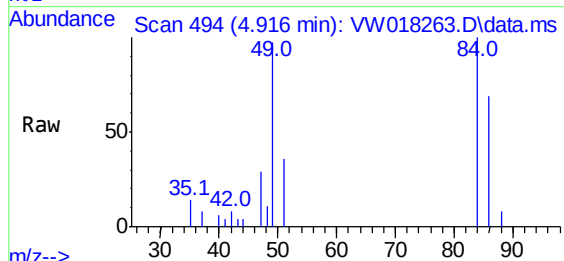


#16
Methylene chloride
Concen: 2.09 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Instrument :
MSVOA_W
ClientSampleId :
BG560

Tgt Ion: 84 Resp: 4240

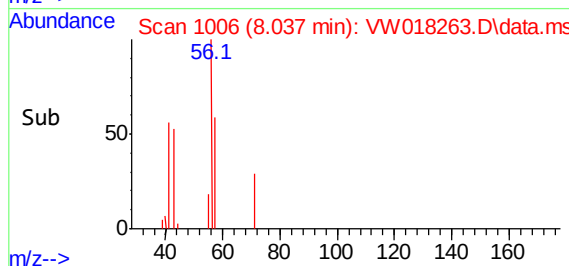
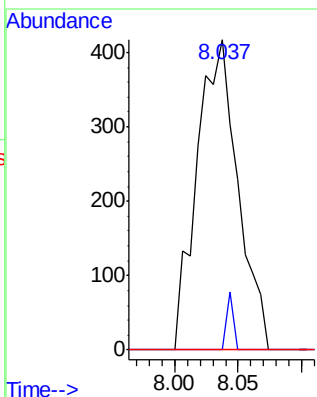
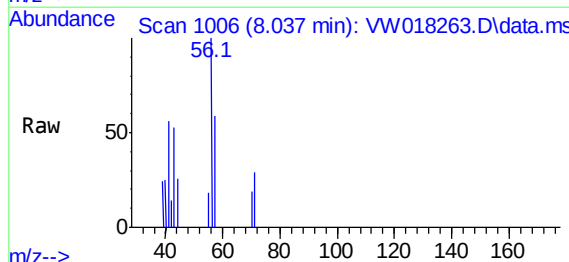
Ion	Ratio	Lower	Upper
84	100		
49	97.2	74.4	138.2
86	68.6	46.1	85.7

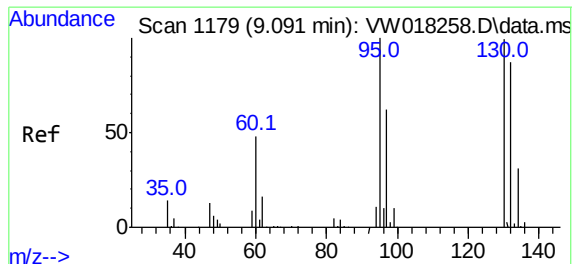


#30
Cyclohexane
Concen: 0.38 ug/L
RT: 8.037 min Scan# 1006
Delta R.T. 0.079 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Tgt Ion: 56 Resp: 921

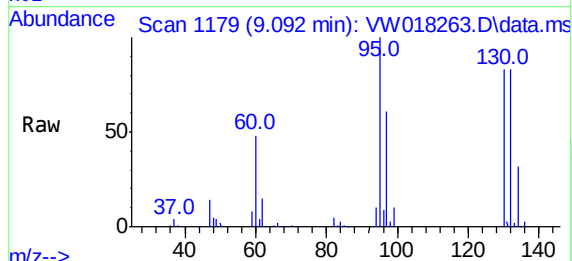
Ion	Ratio	Lower	Upper
56	100		
69	0.0	27.0	40.6#
84	14.3	79.9	119.9#





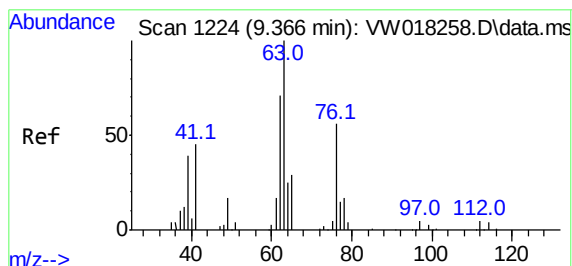
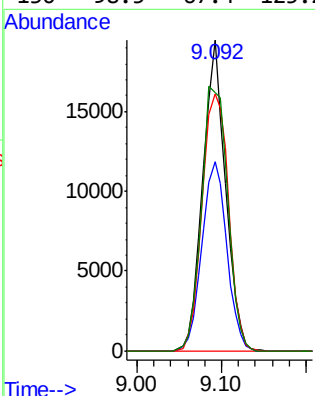
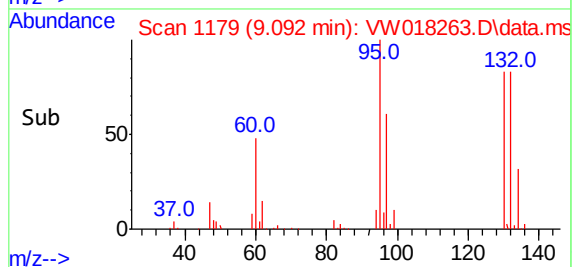
#35
Trichloroethene
Concen: 18.72 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Instrument :
MSVOA_W
ClientSampleId :
BG560

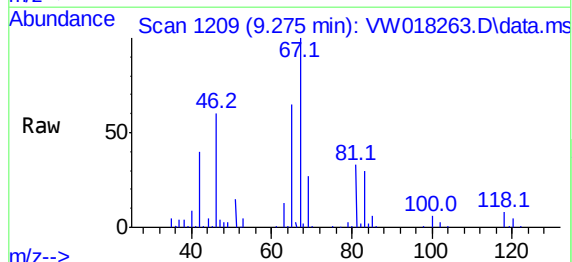


Tgt Ion: 95 Resp: 35031

Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.4	82.4
132	96.3	65.9	122.5
130	98.5	67.4	125.2

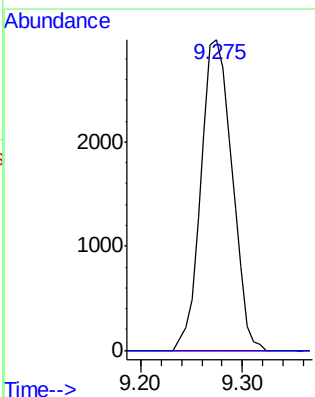
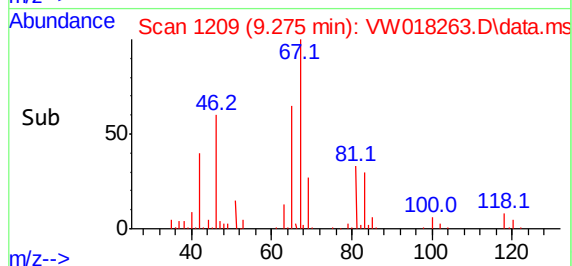


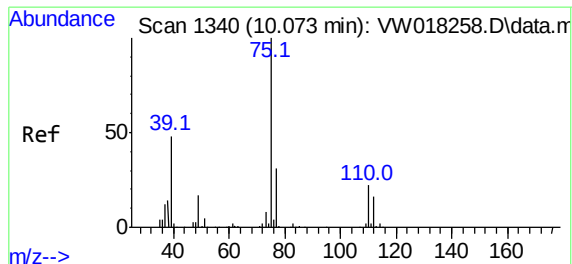
#40
1,2-Dichloropropane
Concen: 4.28 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16



Tgt Ion: 63 Resp: 6346

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

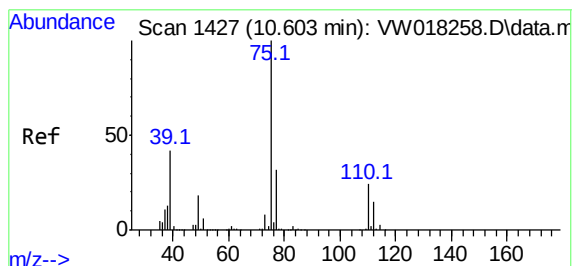
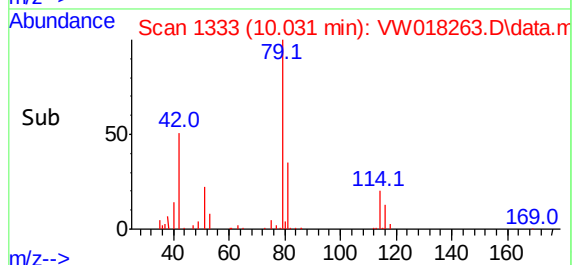
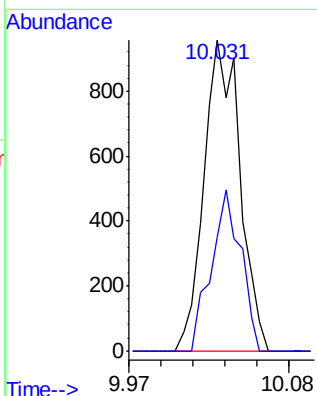
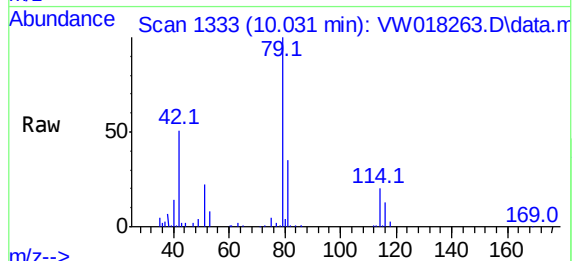




#42
cis-1,3-Dichloropropene
Concen: 0.69 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

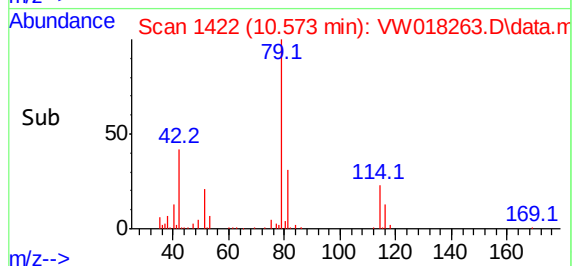
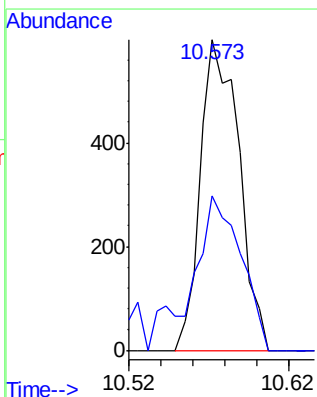
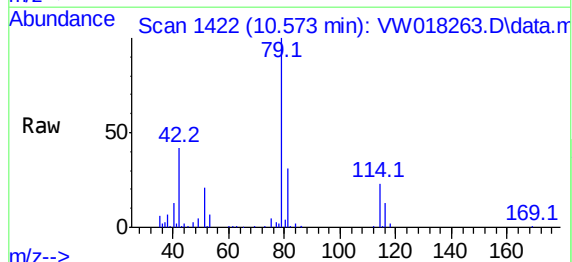
Instrument :
MSVOA_W
ClientSampled :
BG560

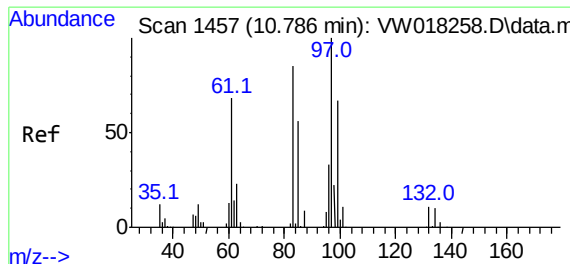
Tgt Ion: 75 Resp: 1723
Ion Ratio Lower Upper
75 100
77 36.7 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Tgt Ion: 75 Resp: 1052
Ion Ratio Lower Upper
75 100
77 49.7 22.6 42.0#



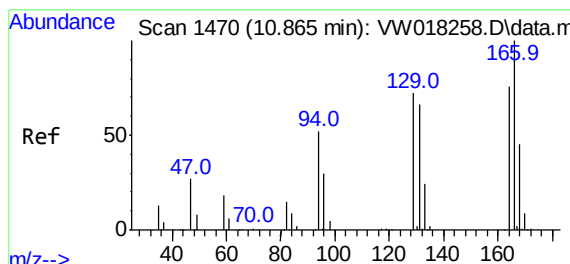
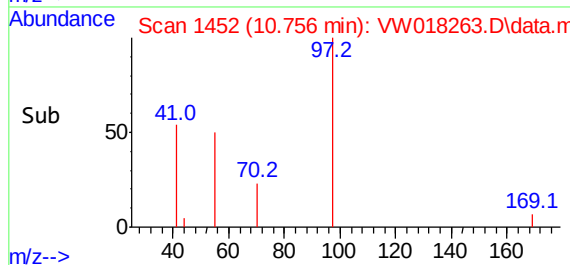
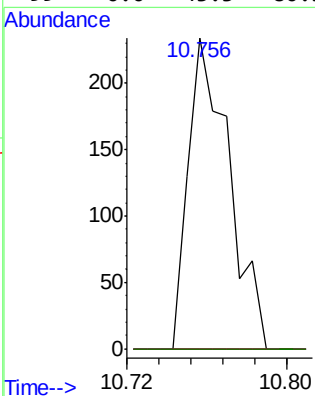
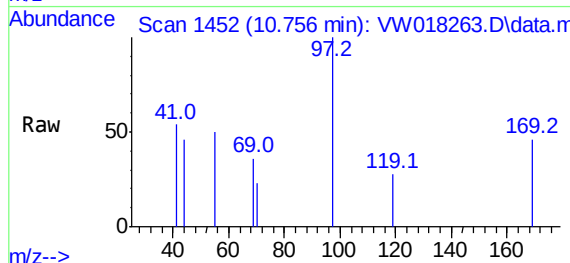


#46
1,1,2-Trichloroethane
Concen: 0.25 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.030 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Instrument :
MSVOA_W
ClientSampled :
BG560

Tgt Ion: 97 Resp: 306

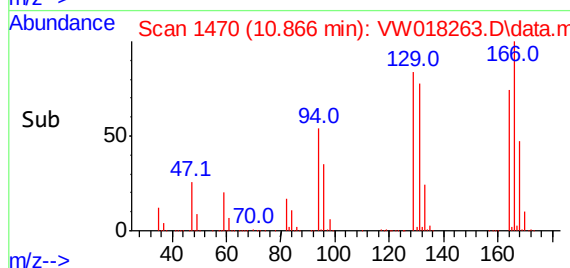
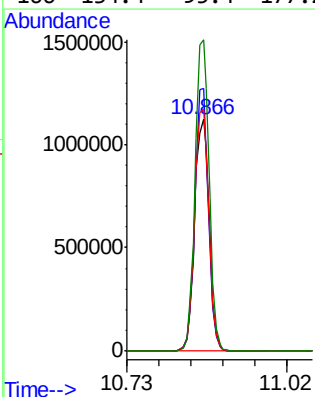
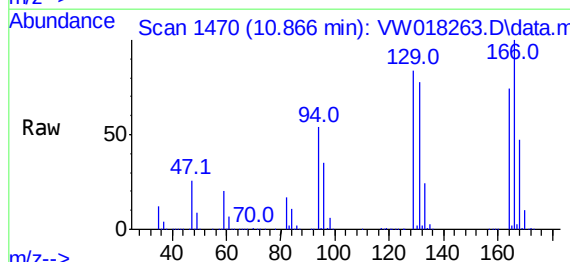
Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.9	109.5#
85	0.0	38.4	71.4#
99	0.0	43.3	80.3#

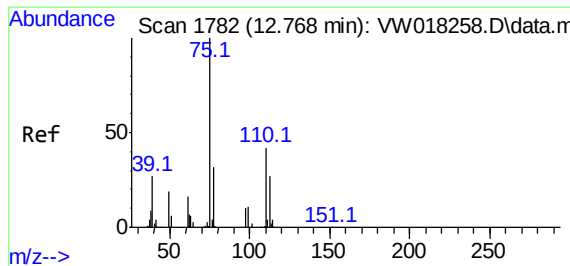


#47
Tetrachloroethene
Concen: 1471.41 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

Tgt Ion: 164 Resp: 2061793

Ion	Ratio	Lower	Upper
164	100		
129	113.1	68.8	127.8
131	104.6	68.3	126.8
166	134.4	95.4	177.2

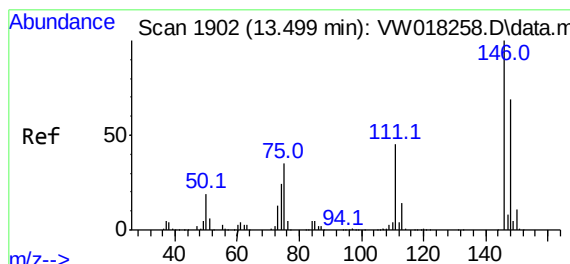
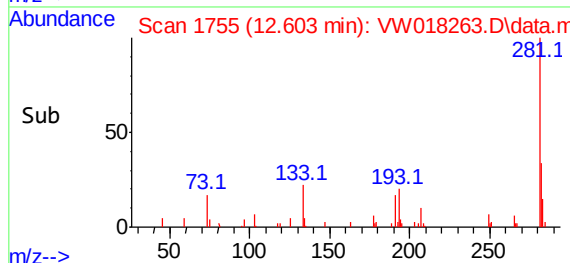
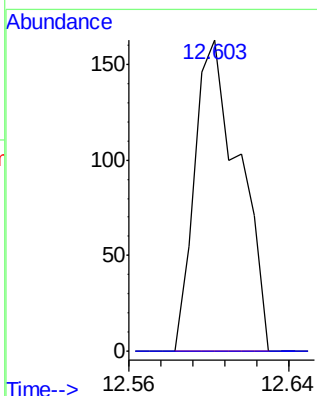
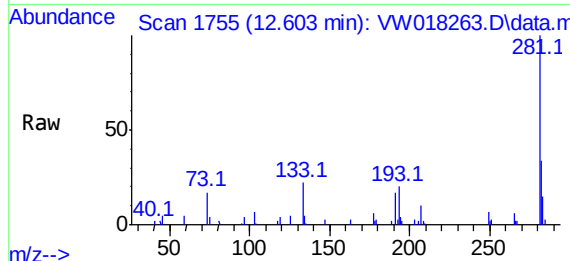




#59
1,2,3-Trichloropropane
Concen: 0.22 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.164 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

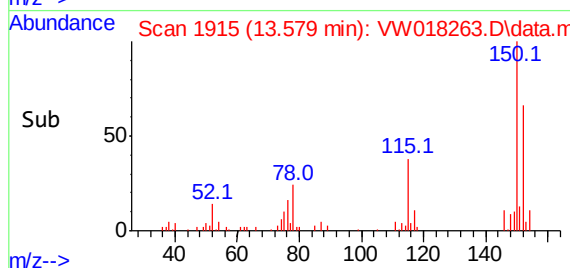
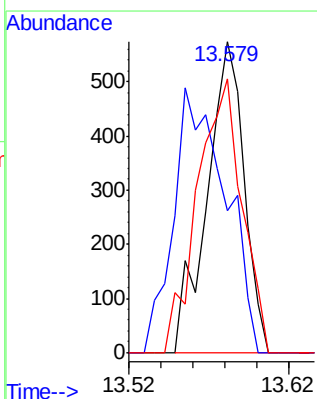
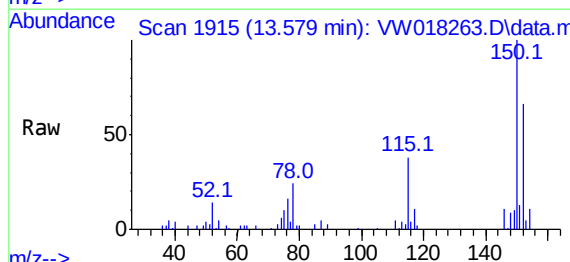
Instrument :
MSVOA_W
ClientSampled :
BG560

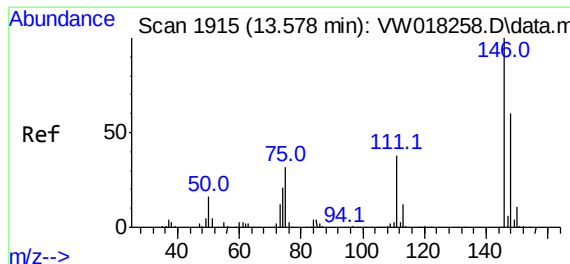
Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 60.1 25.6 38.4#



#63
1,3-Dichlorobenzene
Concen: 0.32 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.079 min
Lab File: VW018263.D
Acq: 09 Mar 2021 14:16

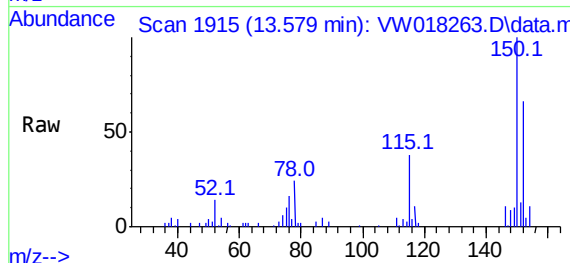
Tgt Ion: 146 Resp: 864
Ion Ratio Lower Upper
146 100
111 45.5 27.5 51.1
148 88.0 43.0 80.0#





#64
 1,4-Dichlorobenzene
 Concen: 0.32 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW018263.D
 Acq: 09 Mar 2021 14:16

Instrument :
 MSVOA_W
 ClientSampleID :
 BG560



Tgt Ion:146 Resp: 864

Ion	Ratio	Lower	Upper
146	100		
111	45.5	28.3	52.5
148	88.0	47.3	87.9

