

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018394.D
 Acq On : 19 Mar 2021 17:17
 Operator : SY/VA
 Sample : M1698-01
 Misc : 5.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H1

Quant Time: Mar 20 01:43:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

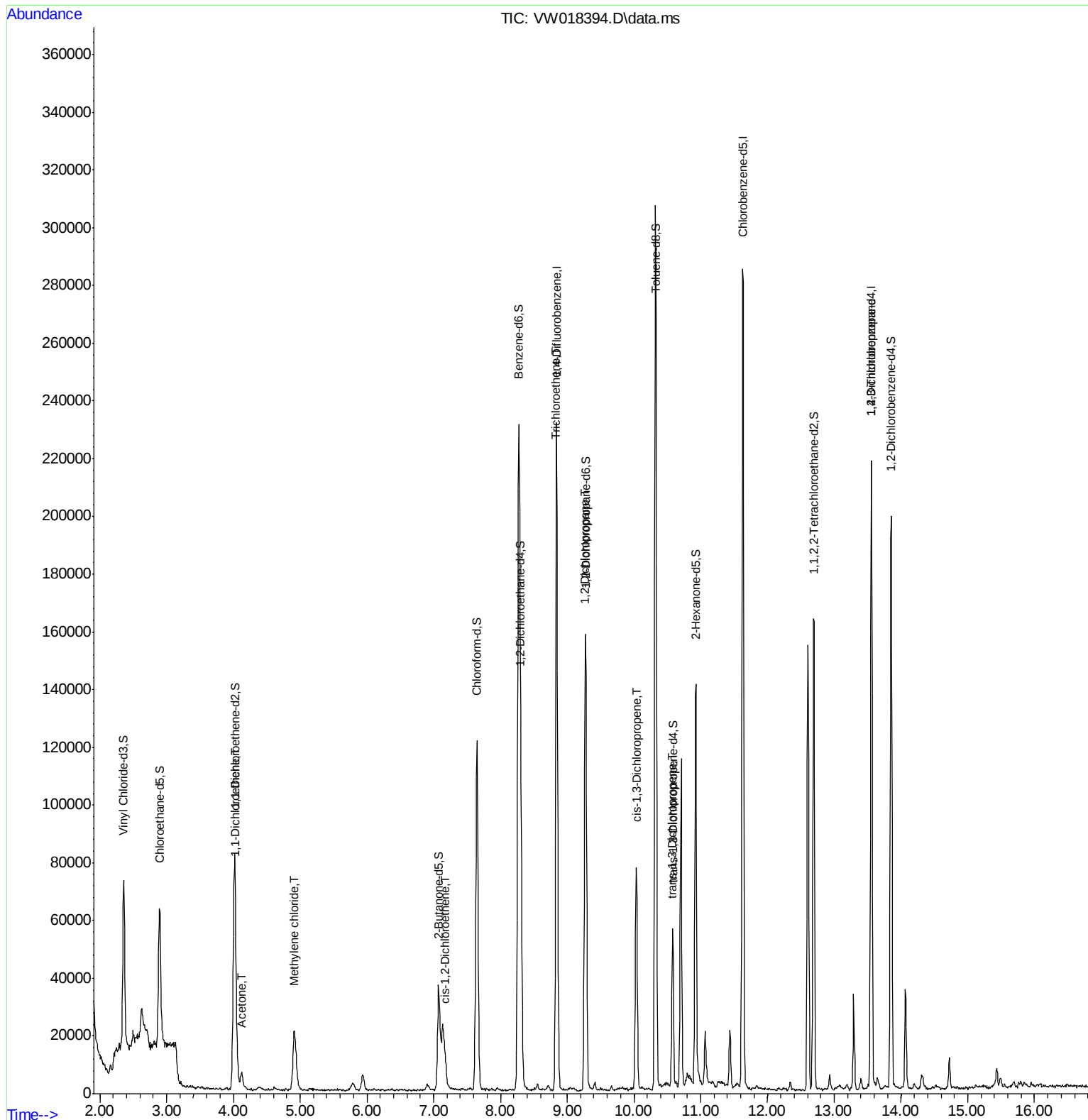
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	185775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	155183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	51947	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	67779	26.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.88%			
7) Chloroethane-d5	2.892	69	64107	28.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.32%			
10) 1,1-Dichloroethene-d2	4.019	63	83314	18.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.64%			
20) 2-Butanone-d5	7.074	46	60955	105.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 211.82%#			
24) Chloroform-d	7.647	84	120462	25.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.84%			
26) 1,2-Dichloroethane-d4	8.305	65	84126	30.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.84%			
29) Benzene-d6	8.275	84	230444	27.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.72%			
33) 1,2-Dichloropropane-d6	9.275	67	70770	29.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.96%			
37) Toluene-d8	10.323	98	195747	24.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.56%			
38) trans-1,3-Dichloroprop...	10.579	79	28733	23.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.64%			
39) 2-Hexanone-d5	10.927	63	48235	103.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 207.14%#			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	78833	37.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 148.12%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	47474	25.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.84%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	636	0.27	ug/L #	1
13) Acetone	4.123	43	9612	23.25	ug/L	91
16) Methylene chloride	4.909	84	16410	5.39	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	4148	1.53	ug/L	72
35) Trichloroethene	8.836	95	5861	2.36	ug/L #	6
40) 1,2-Dichloropropane	9.268	63	9269	4.22	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	2073	0.56	ug/L #	55
45) trans-1,3-Dichloropropene	10.573	75	1335	0.40	ug/L #	66
59) 1,2,3-Trichloropropane	13.554	75	7637	4.77	ug/L	91

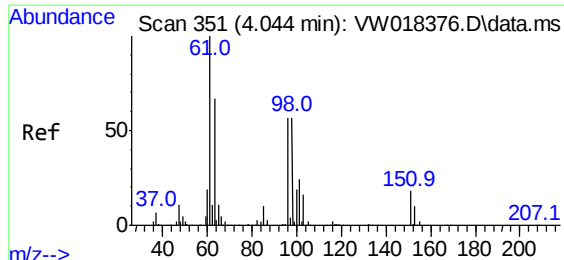
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 20 01:36:44 2021
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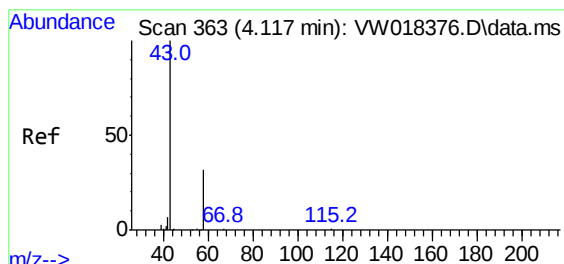
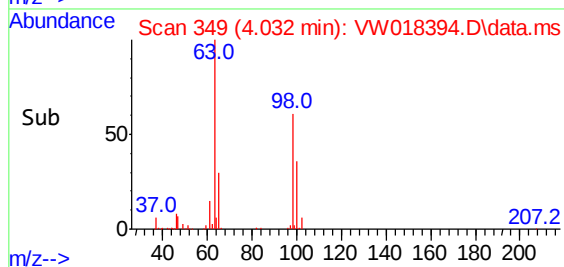
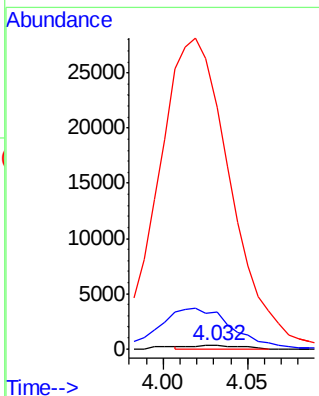
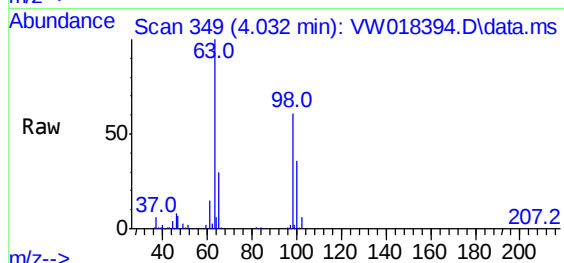




#12
1,1-Dichloroethene
Concen: 0.27 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

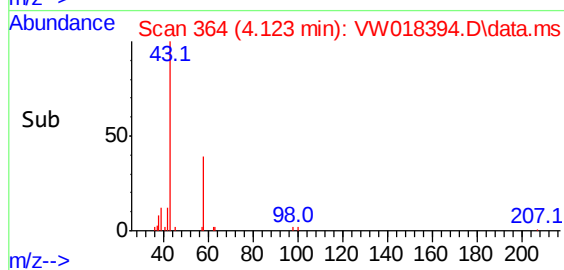
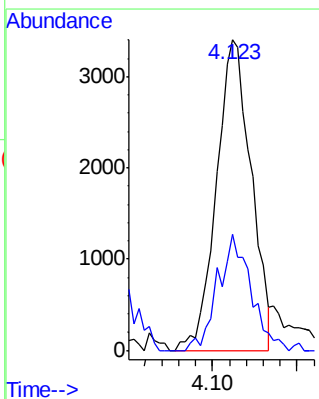
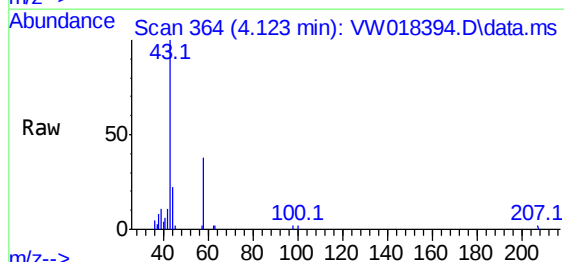
Instrument :
MSVOA_W
ClientSampleId :
BG4H1

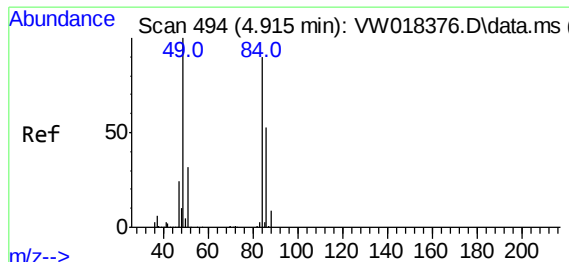
Tgt Ion: 96 Resp: 636
Ion Ratio Lower Upper
96 100
61 1237.6 118.6 220.2#
63 7997.1 82.4 153.0#



#13
Acetone
Concen: 23.25 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
58 26.1 0.0 62.2



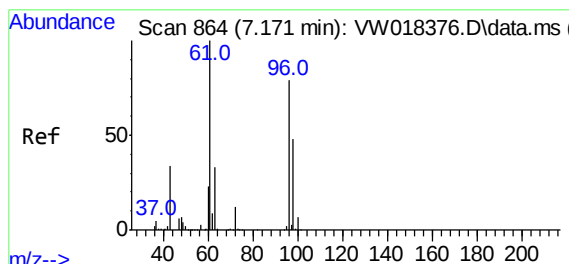
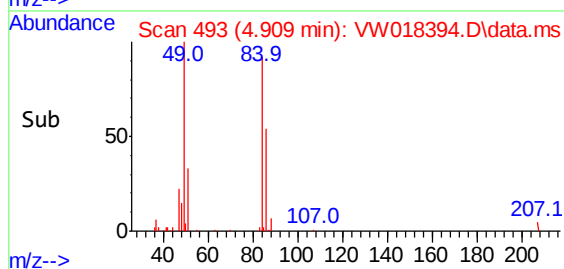
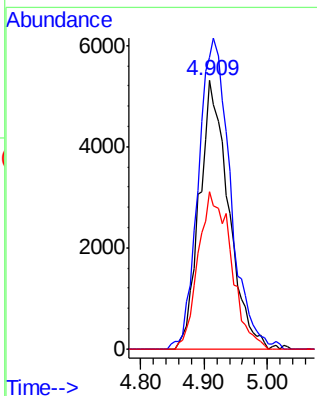
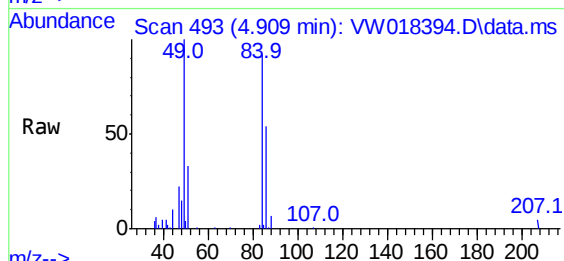


#16
Methylene chloride
Concen: 5.39 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Instrument :
MSVOA_W
ClientSampled :
BG4H1

Tgt Ion: 84 Resp: 16410

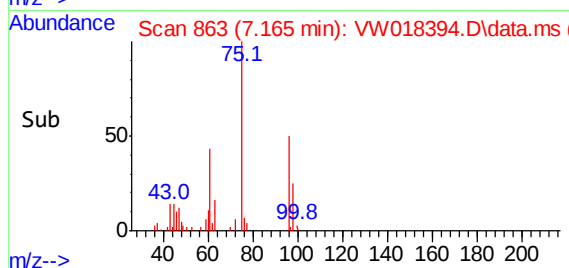
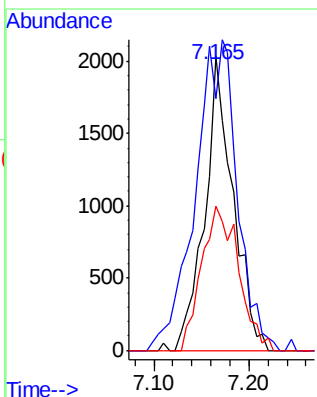
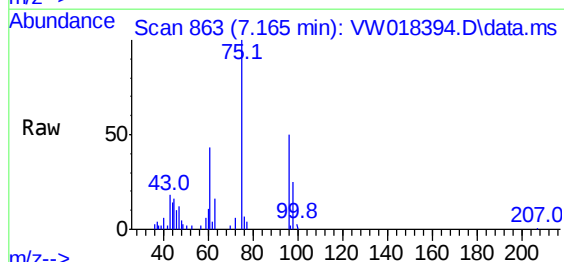
Ion	Ratio	Lower	Upper
84	100		
49	106.1	74.4	138.2
86	57.2	46.1	85.7

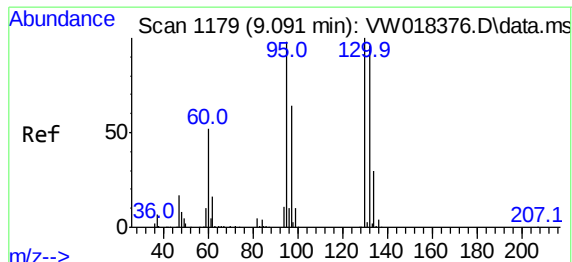


#22
cis-1,2-Dichloroethene
Concen: 1.53 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Tgt Ion: 96 Resp: 4148

Ion	Ratio	Lower	Upper
96	100		
61	85.3	84.8	157.6
98	49.1	45.1	83.9



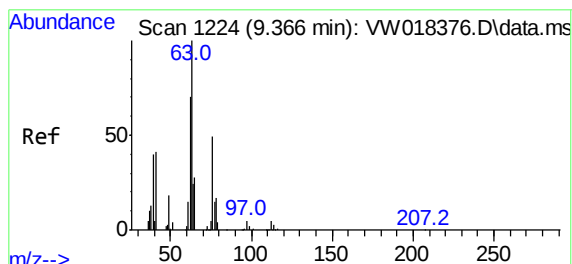
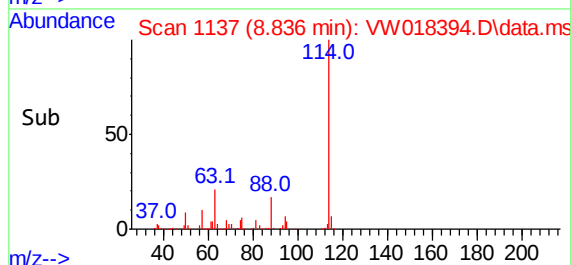
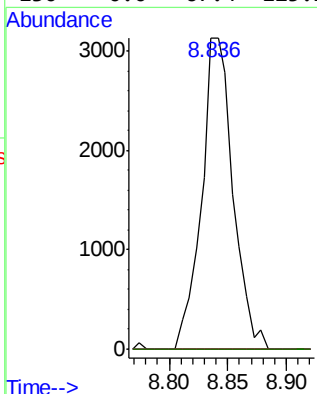
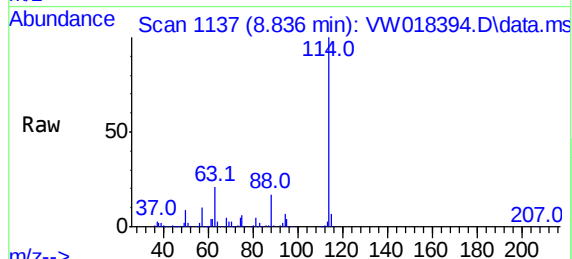


#35
Trichloroethene
Concen: 2.36 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Instrument :
MSVOA_W
ClientSampleId :
BG4H1

Tgt Ion: 95 Resp: 5861

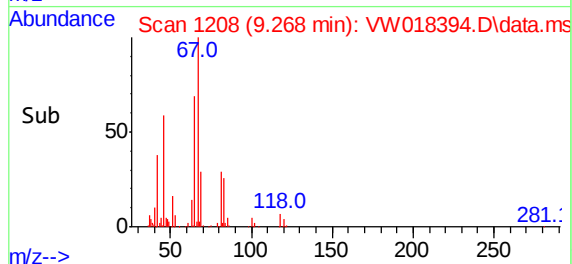
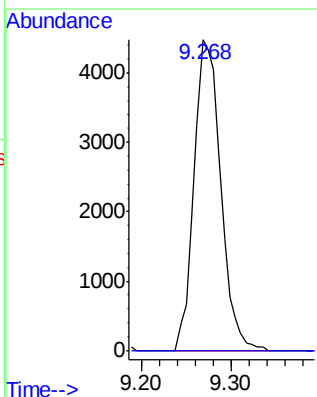
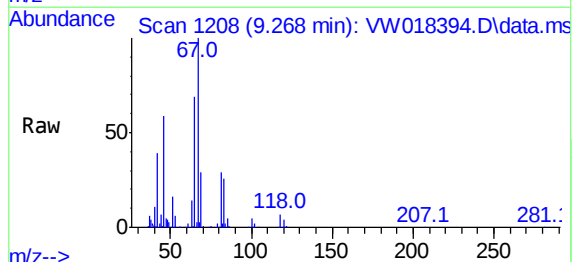
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#

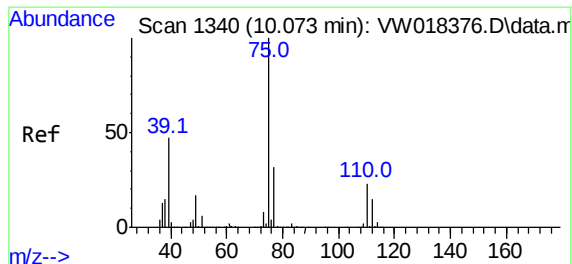


#40
1,2-Dichloropropane
Concen: 4.22 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Tgt Ion: 63 Resp: 9269

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

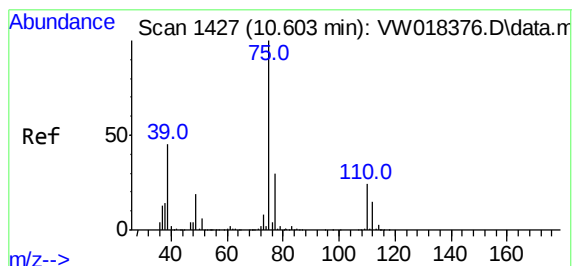
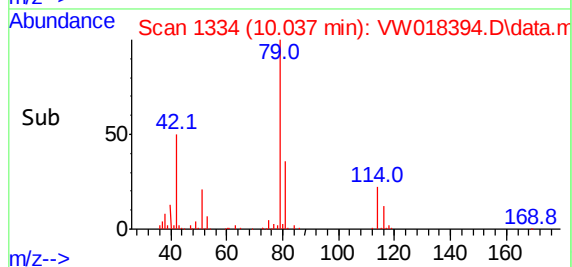
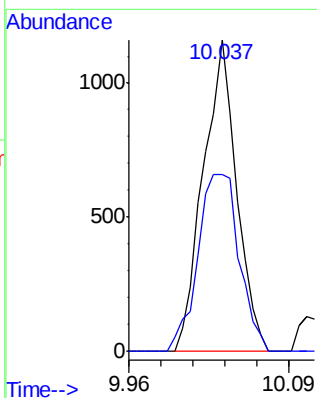
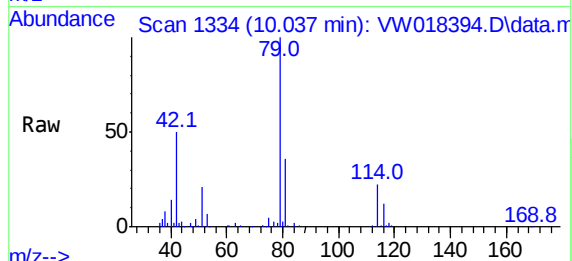




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

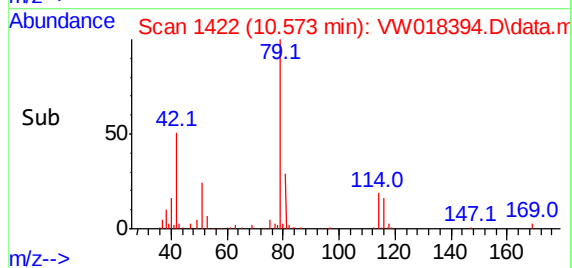
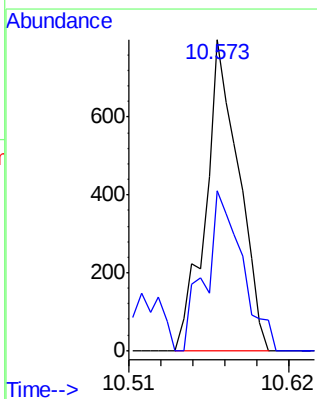
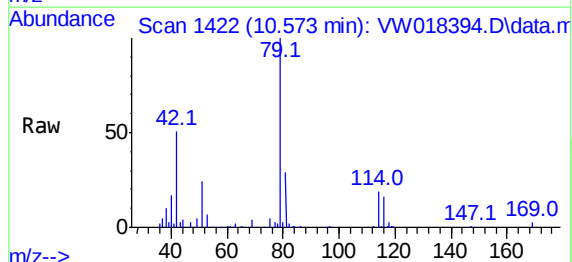
Instrument :
MSVOA_W
ClientSampled :
BG4H1

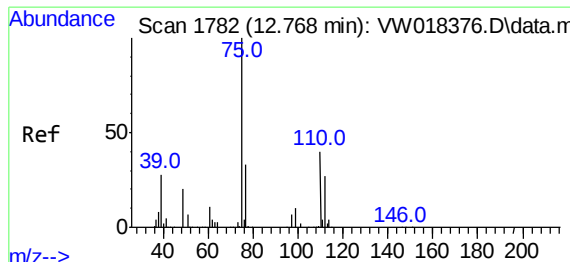
Tgt Ion: 75 Resp: 2073
Ion Ratio Lower Upper
75 100
77 56.9 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018394.D
Acq: 19 Mar 2021 17:17

Tgt Ion: 75 Resp: 1335
Ion Ratio Lower Upper
75 100
77 51.6 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.77 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018394.D
 Acq: 19 Mar 2021 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H1

Tgt Ion: 75 Resp: 7637
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.6 38.4

