

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018383.D
 Acq On : 19 Mar 2021 12:53
 Operator : SY/VA
 Sample : M1685-06
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG492

Quant Time: Mar 20 01:39:09 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

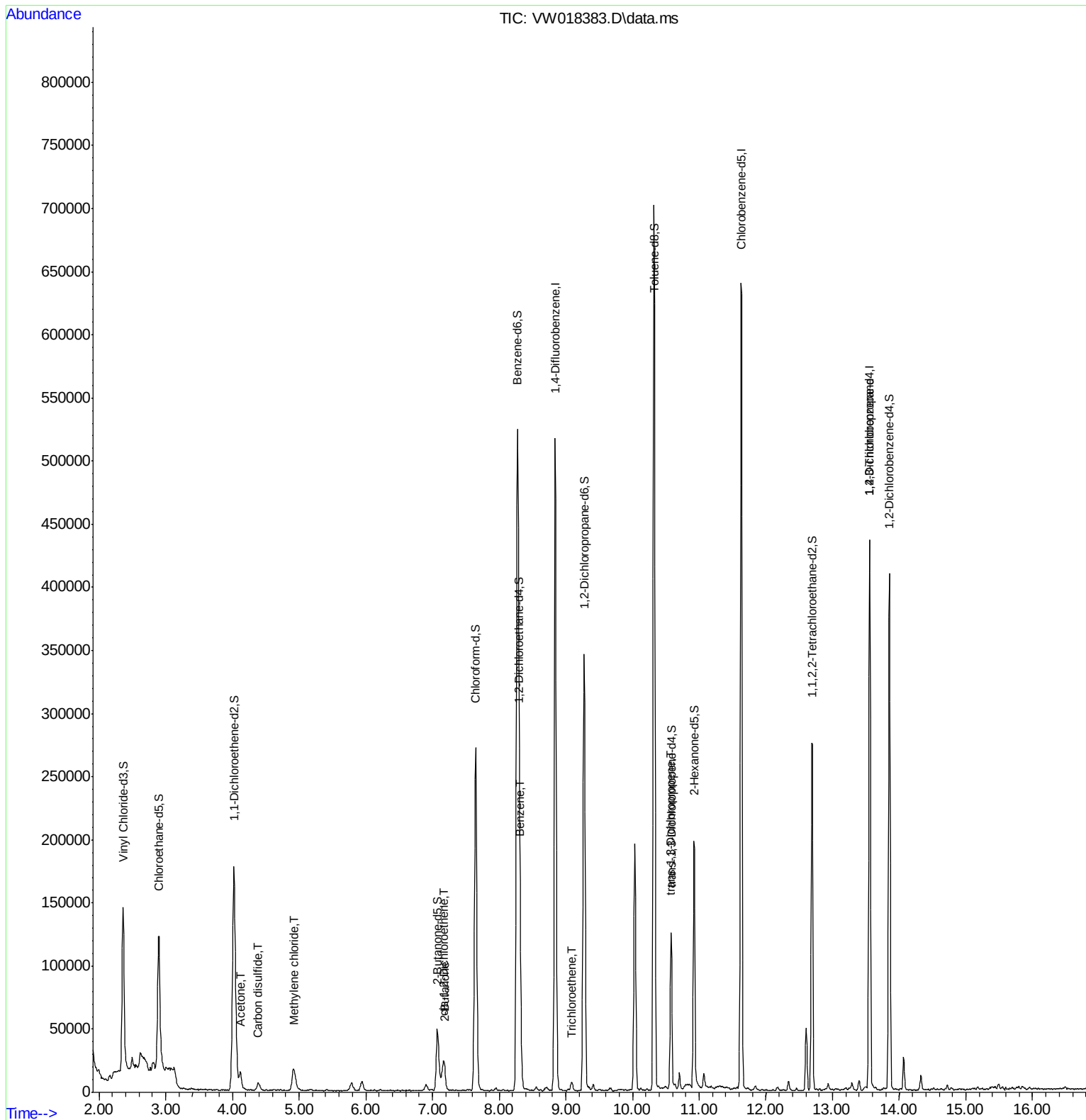
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

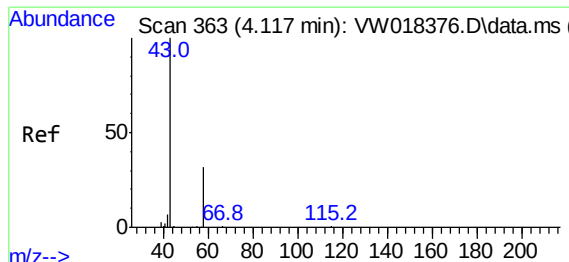
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	417582	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	341368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	108304	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164248	28.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.08%			
7) Chloroethane-d5	2.892	69	150038	29.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.00%			
10) 1,1-Dichloroethene-d2	4.019	63	198694	19.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.20%			
20) 2-Butanone-d5	7.080	46	84715	65.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.96%			
24) Chloroform-d	7.647	84	270603	25.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.76%			
26) 1,2-Dichloroethane-d4	8.305	65	170135	27.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.60%			
29) Benzene-d6	8.275	84	526573	29.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.08%			
33) 1,2-Dichloropropane-d6	9.275	67	155445	29.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.76%			
37) Toluene-d8	10.323	98	467440	26.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.00%			
38) trans-1,3-Dichloroprop...	10.579	79	67257	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.64%			
39) 2-Hexanone-d5	10.921	63	69436	67.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.56%#			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	133607	28.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.12%			
61) 1,2-Dichlorobenzene-d4	13.853	152	97038	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			
Target Compounds						
13) Acetone	4.117	43	21738	23.39	ug/L	98
14) Carbon disulfide	4.379	76	8046	0.51	ug/L	100
16) Methylene chloride	4.922	84	14534	2.12	ug/L	92
21) 2-Butanone	7.183	43	7528	5.10	ug/L #	64
22) cis-1,2-Dichloroethene	7.171	96	11000	1.81	ug/L	94
34) Benzene	8.317	78	11174	0.57	ug/L	100
35) Trichloroethene	9.092	95	1871	0.34	ug/L	89
45) trans-1,3-Dichloropropene	10.573	75	3650	0.50	ug/L	97
59) 1,2,3-Trichloropropane	13.554	75	16077	4.56	ug/L	89

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

Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
Response via : Initial Calibration

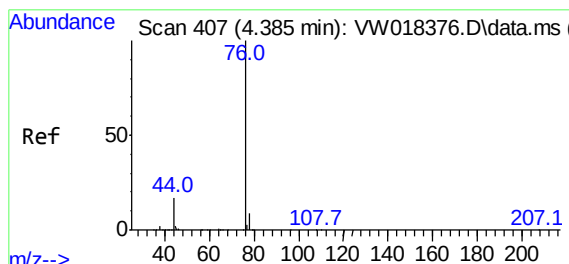
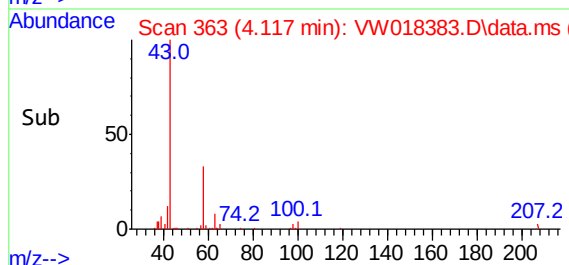
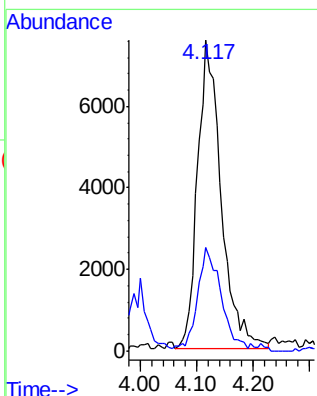
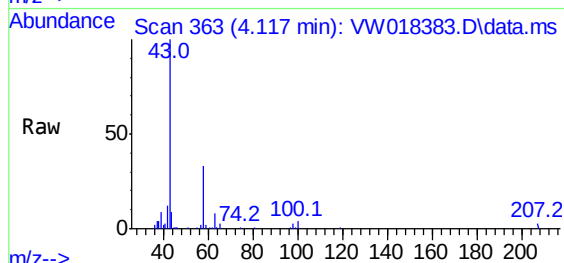




#13
Acetone
Concen: 23.39 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

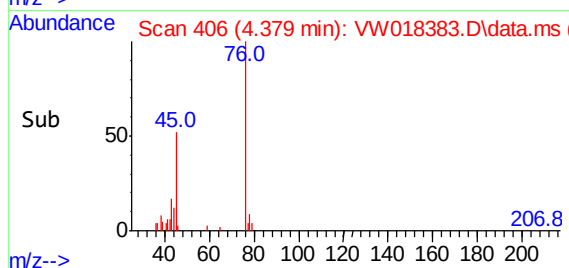
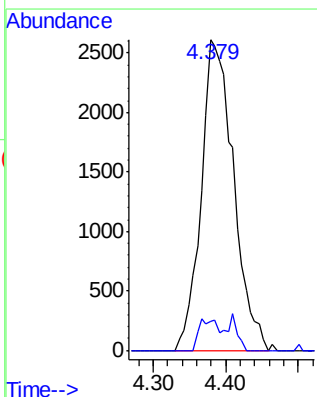
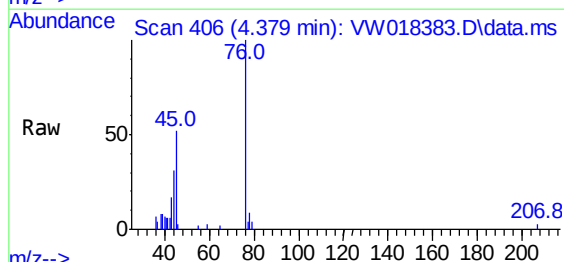
Instrument :
MSVOA_W
ClientSampled :
BG492

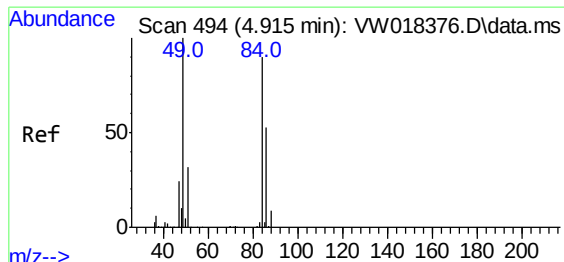
Tgt Ion: 43 Resp: 21738
Ion Ratio Lower Upper
43 100
58 32.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.51 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Tgt Ion: 76 Resp: 8046
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



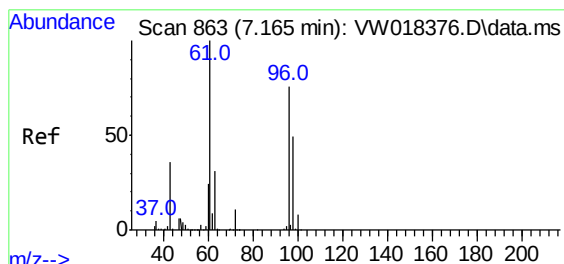
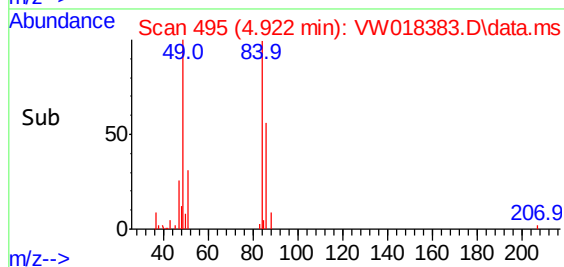
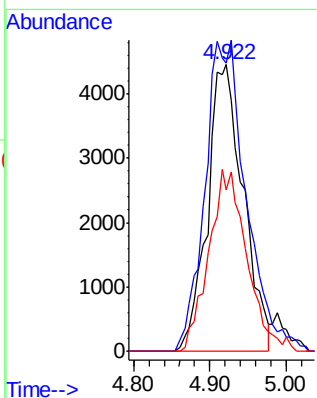
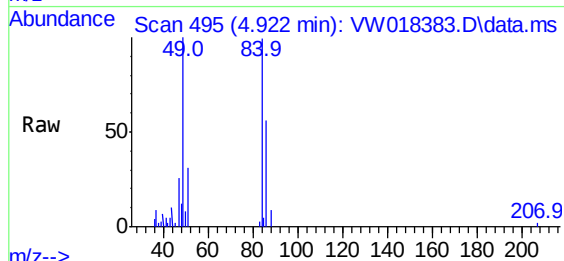


#16
Methylene chloride
Concen: 2.12 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Instrument :
MSVOA_W
ClientSampleId :
BG492

Tgt Ion: 84 Resp: 14534

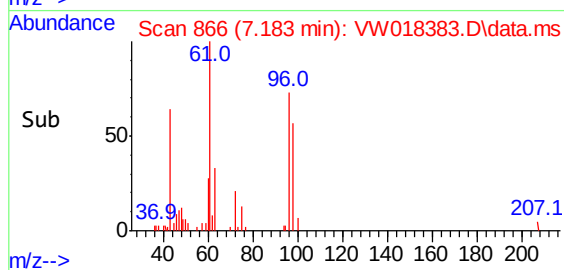
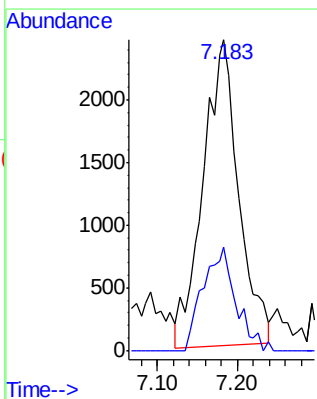
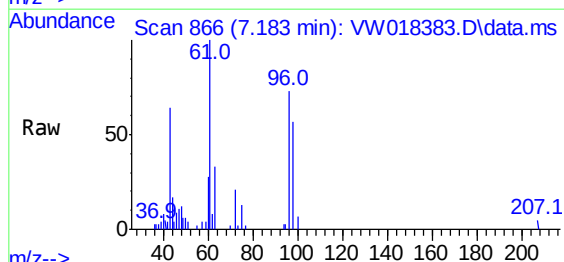
Ion	Ratio	Lower	Upper
84	100		
49	100.5	74.4	138.2
86	56.2	46.1	85.7

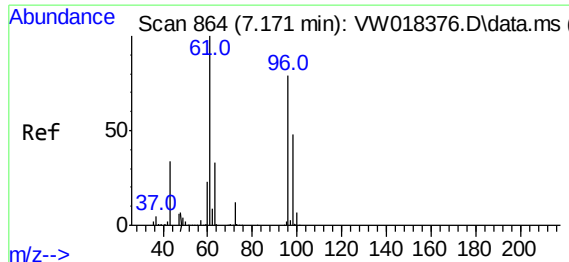


#21
2-Butanone
Concen: 5.10 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Tgt Ion: 43 Resp: 7528

Ion	Ratio	Lower	Upper
43	100		
72	12.4	16.5	49.5



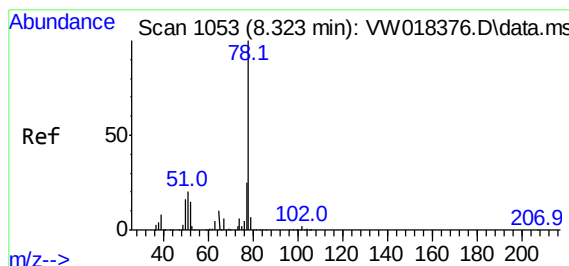
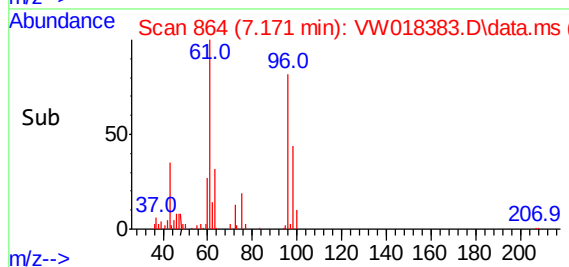
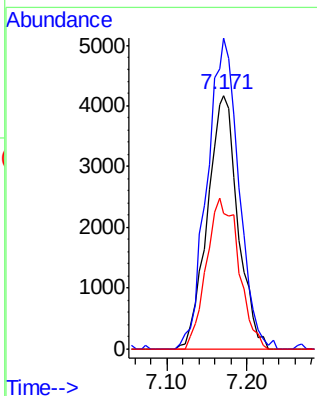
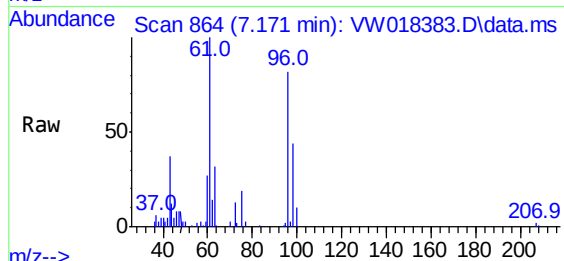


#22
cis-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Instrument :
MSVOA_W
ClientSampled :
BG492

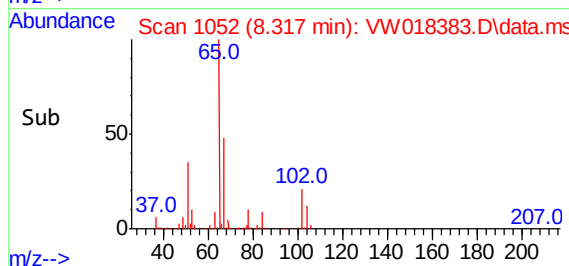
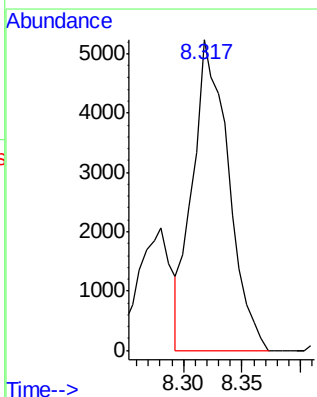
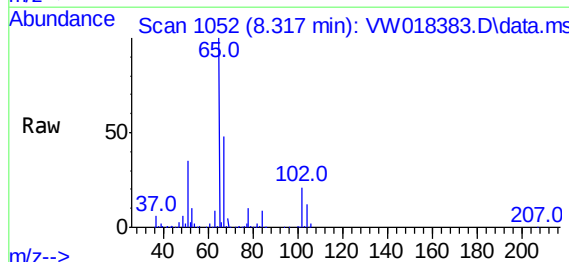
Tgt Ion: 96 Resp: 11000

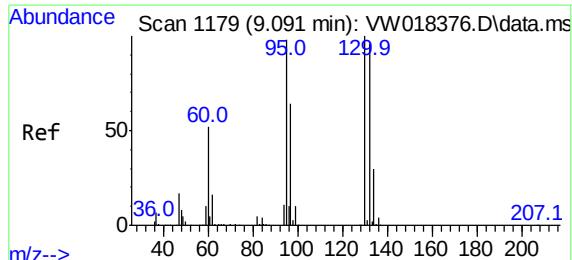
Ion	Ratio	Lower	Upper
96	100		
61	122.6	84.8	157.6
98	53.5	45.1	83.9



#34
Benzene
Concen: 0.57 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Tgt Ion: 78 Resp: 11174



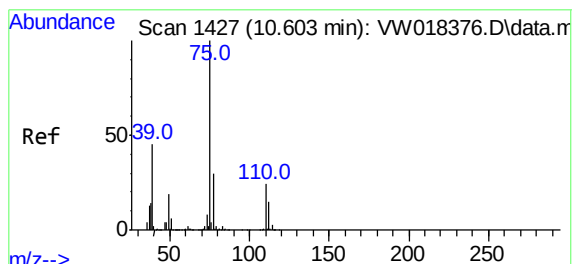
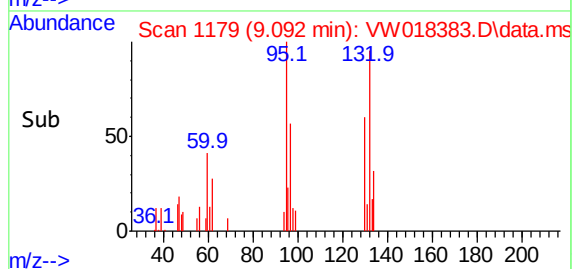
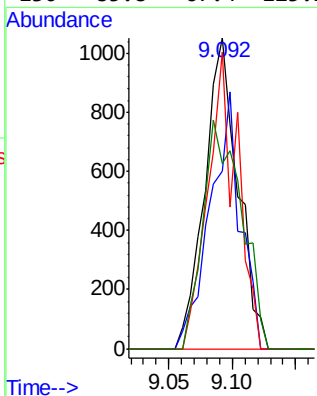
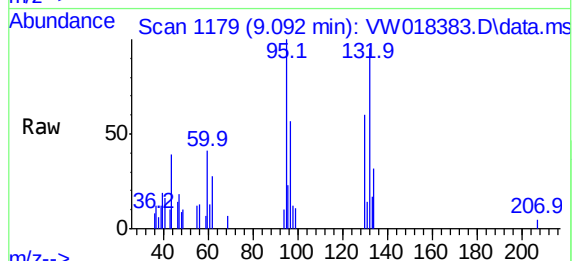


#35
Trichloroethene
Concen: 0.34 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Instrument :
MSVOA_W
ClientSampled :
BG492

Tgt Ion: 95 Resp: 1871

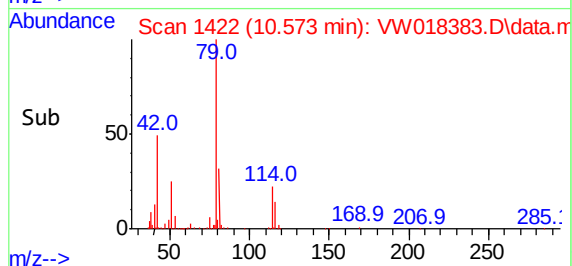
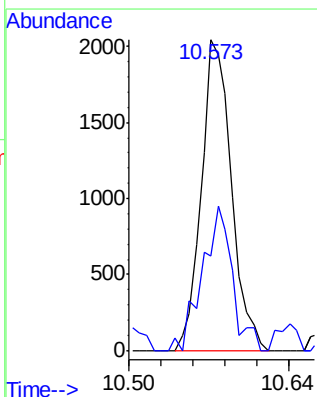
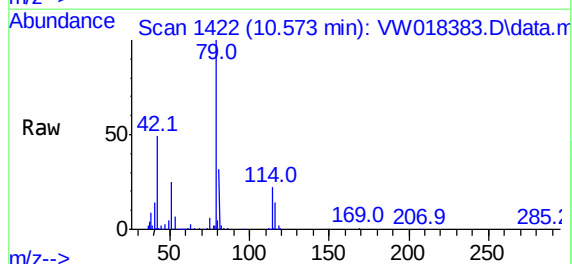
Ion	Ratio	Lower	Upper
95	100		
97	75.0	44.4	82.4
132	84.8	65.9	122.5
130	85.8	67.4	125.2

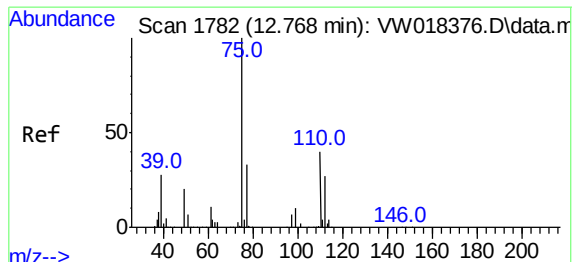


#45
trans-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018383.D
Acq: 19 Mar 2021 12:53

Tgt Ion: 75 Resp: 3650

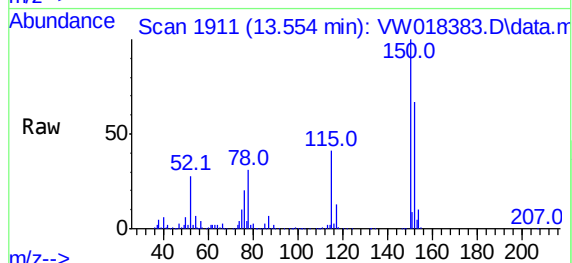
Ion	Ratio	Lower	Upper
75	100		
77	30.4	22.6	42.0





#59
 1,2,3-Trichloropropane
 Concen: 4.56 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018383.D
 Acq: 19 Mar 2021 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BG492



Tgt Ion: 75 Resp: 16077
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.6 38.4

