

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018398.D
 Acq On : 19 Mar 2021 18:52
 Operator : SY/VA
 Sample : M1698-11
 Misc : 5.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K9

Quant Time: Mar 20 01:44:35 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)

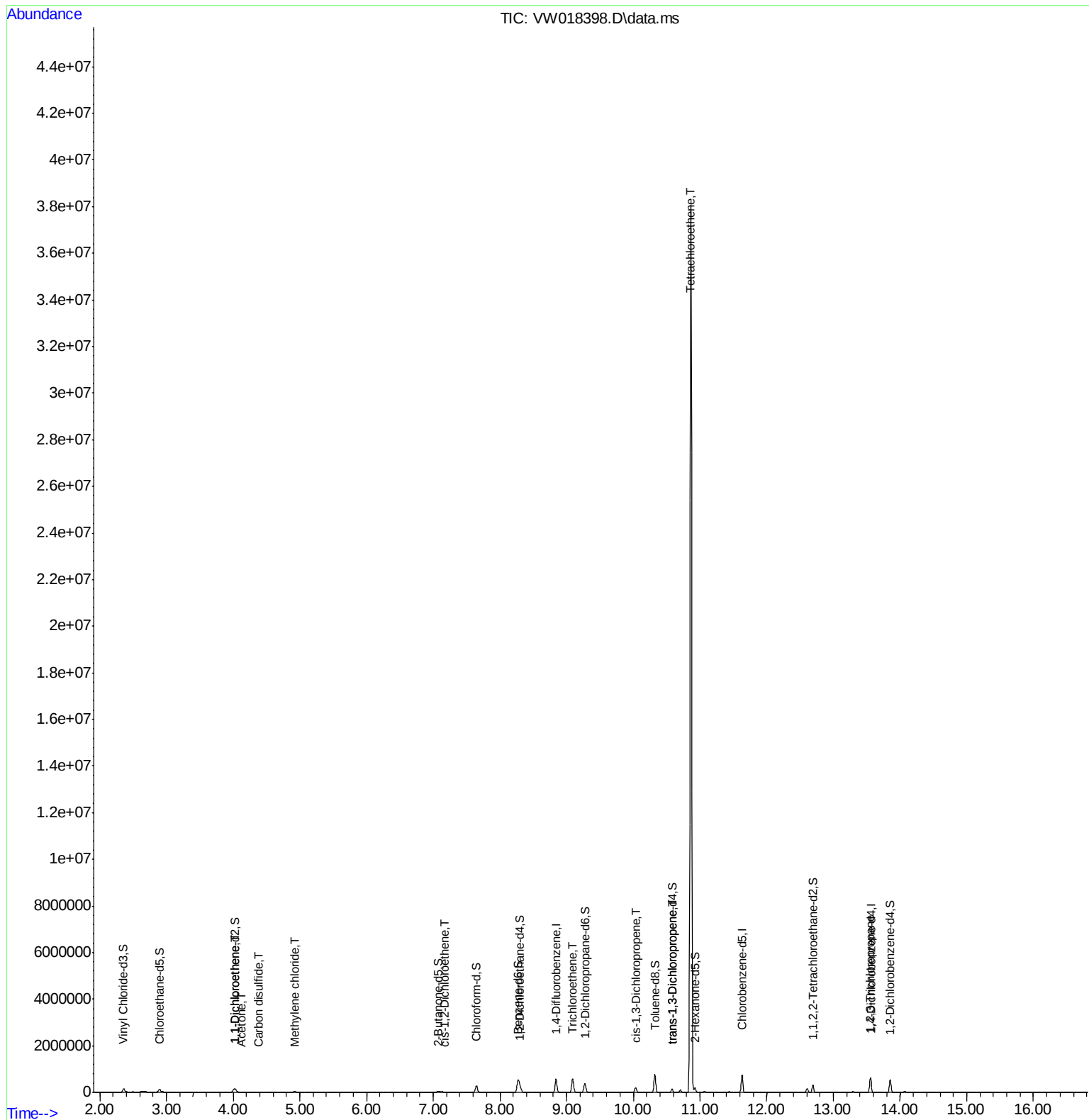
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	461854	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	403123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	156717	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	158652	24.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.76%		
7) Chloroethane-d5	2.892	69	146974	26.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.48%		
10) 1,1-Dichloroethene-d2	4.025	63	194521	17.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.12%		
20) 2-Butanone-d5	7.080	46	92519	64.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	129.32%		
24) Chloroform-d	7.647	84	276419	23.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.00%		
26) 1,2-Dichloroethane-d4	8.305	65	181648	26.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.80%		
29) Benzene-d6	8.275	84	544129	25.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.56%		
33) 1,2-Dichloropropane-d6	9.275	67	160818	26.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.04%		
37) Toluene-d8	10.323	98	496148	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.16%		
38) trans-1,3-Dichloroprop...	10.579	79	75201	23.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.36%		
39) 2-Hexanone-d5	10.921	63	70385	58.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.36%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	152907	27.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	133355	23.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.72%		
Target Compounds						
12) 1,1-Dichloroethene	4.025	96	2044	0.35	ug/L #	1
13) Acetone	4.117	43	12569	12.23	ug/L	99
14) Carbon disulfide	4.385	76	26031	1.49	ug/L	96
16) Methylene chloride	4.922	84	24746	3.27	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	1955	0.29	ug/L	82
35) Trichloroethene	9.092	95	197418	30.61	ug/L	99
42) cis-1,3-Dichloropropene	10.037	75	6469	0.67	ug/L #	79
45) trans-1,3-Dichloropropene	10.579	75	4170	0.48	ug/L	95
47) Tetrachloroethene	10.860	164	7352522	1501.25	ug/L	90
59) 1,2,3-Trichloropropane	13.554	75	22002	5.29	ug/L	91

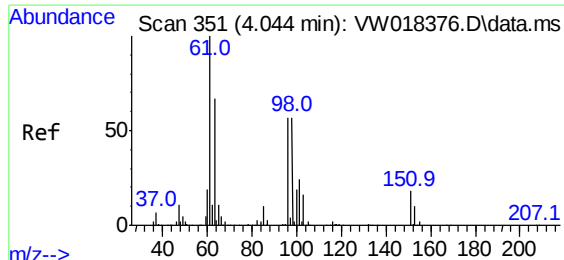
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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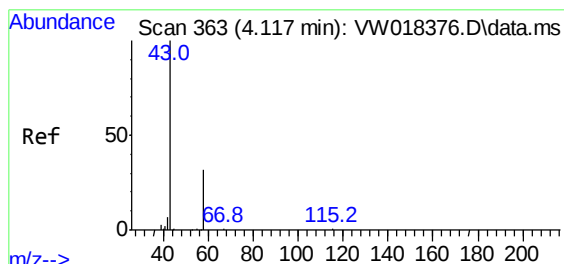
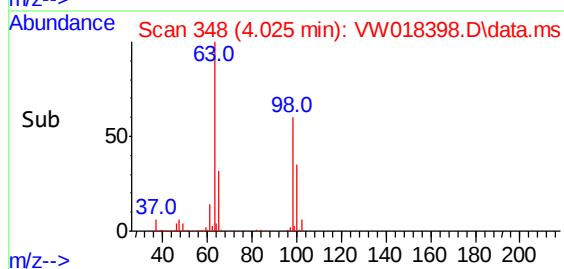
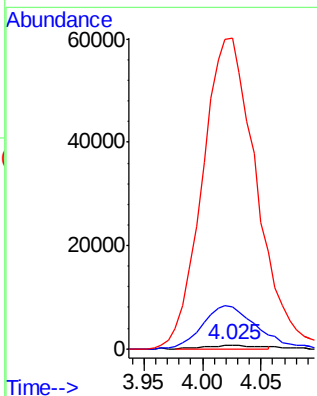
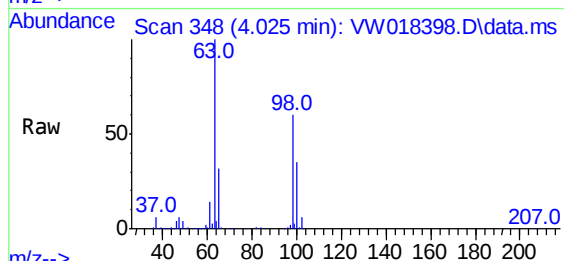




#12
1,1-Dichloroethene
Concen: 0.35 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

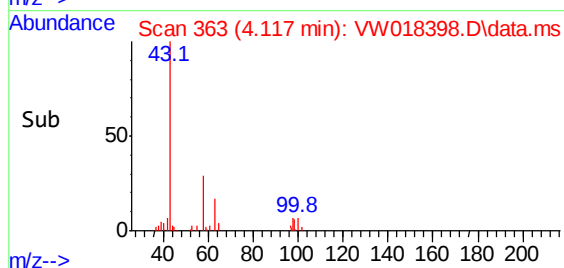
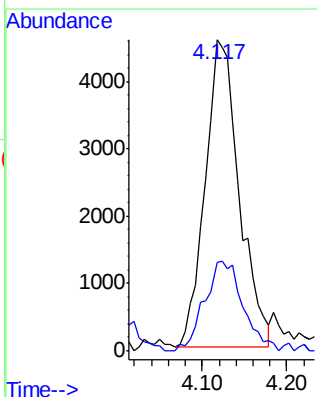
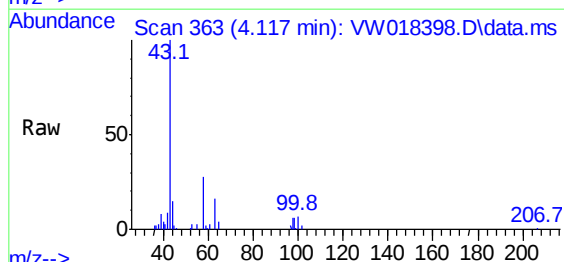
Instrument :
MSVOA_W
ClientSampleId :
BG4K9

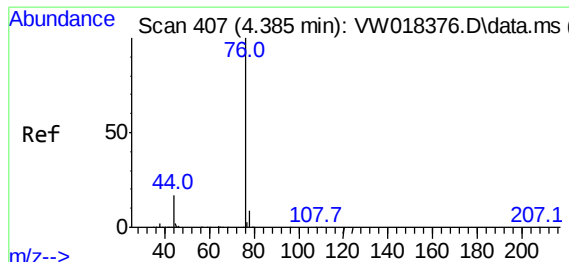
Tgt Ion: 96 Resp: 2044
Ion Ratio Lower Upper
96 100
61 1097.3 118.6 220.2#
63 8100.1 82.4 153.0#



#13
Acetone
Concen: 12.23 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

Tgt Ion: 43 Resp: 12569
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.2

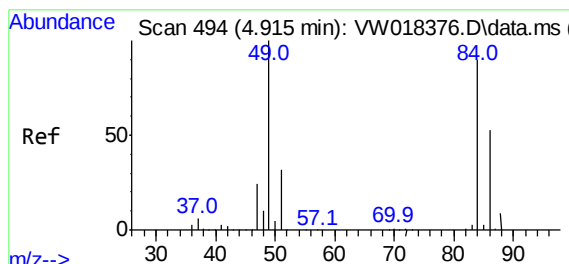
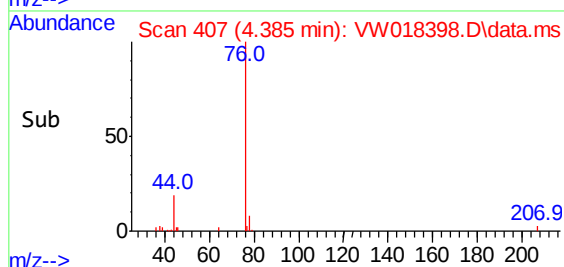
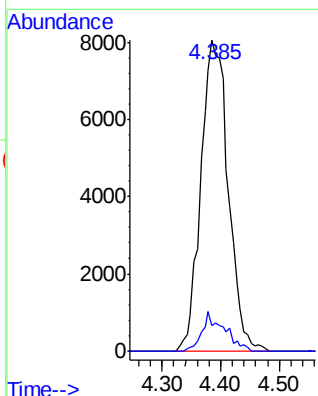
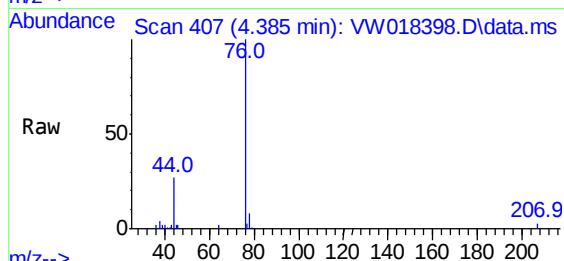




#14
Carbon disulfide
Concen: 1.49 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

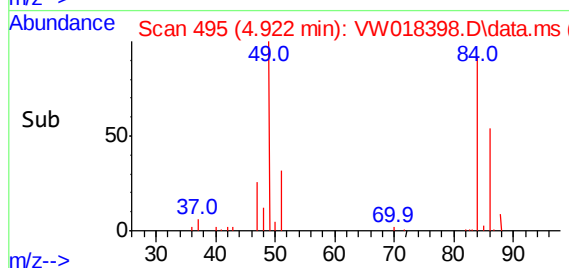
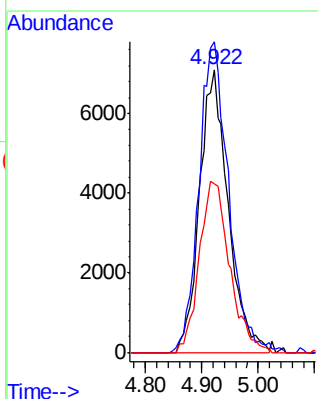
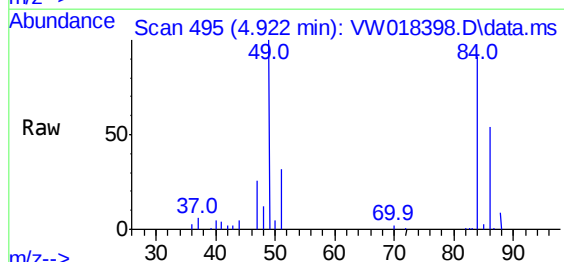
Instrument :
MSVOA_W
ClientSampled :
BG4K9

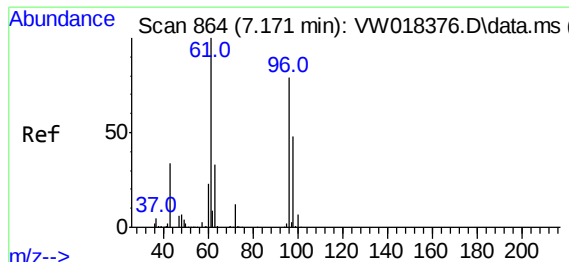
Tgt Ion: 76 Resp: 26031
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#16
Methylene chloride
Concen: 3.27 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

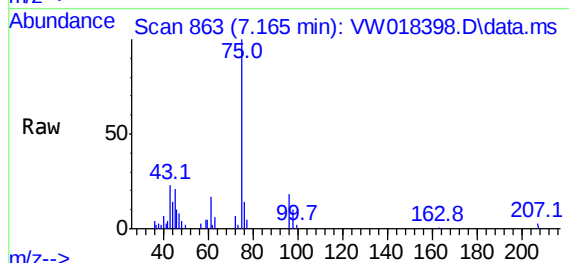
Tgt Ion: 84 Resp: 24746
Ion Ratio Lower Upper
84 100
49 109.9 74.4 138.2
86 59.5 46.1 85.7





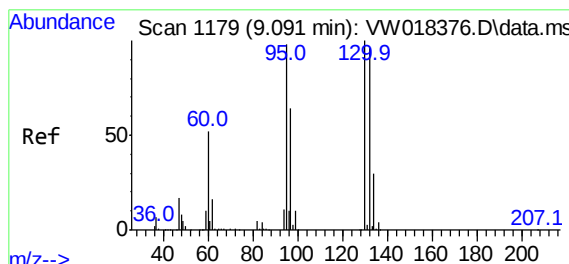
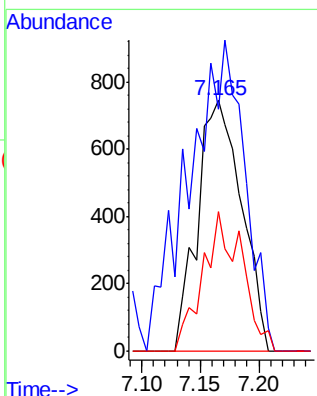
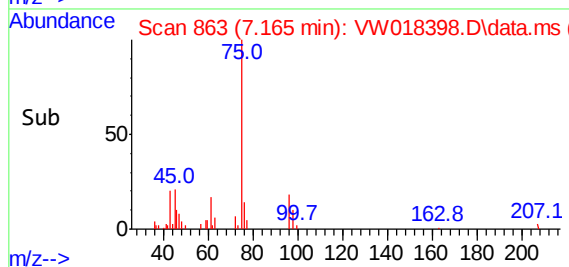
#22
cis-1,2-Dichloroethene
Concen: 0.29 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
BG4K9

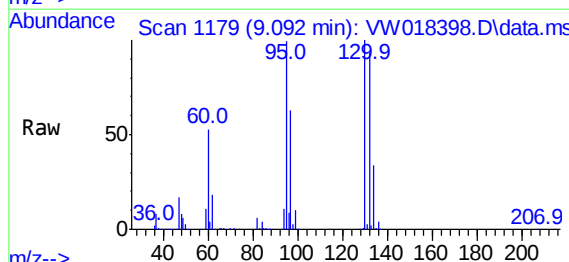


Tgt Ion: 96 Resp: 1955

Ion	Ratio	Lower	Upper
96	100		
61	96.5	84.8	157.6
98	55.6	45.1	83.9

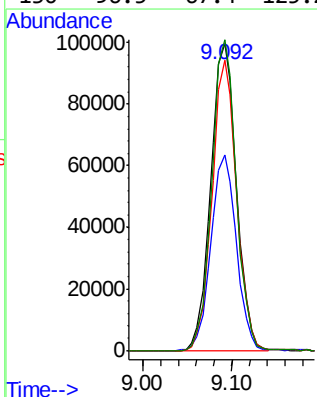
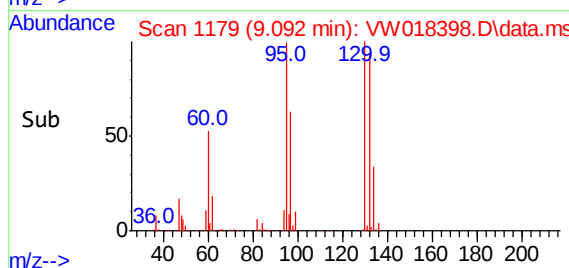


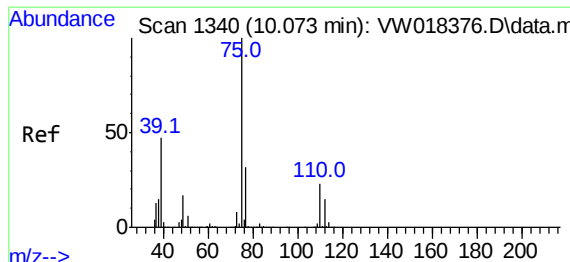
#35
Trichloroethene
Concen: 30.61 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52



Tgt Ion: 95 Resp: 197418

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	91.0	65.9	122.5
130	96.5	67.4	125.2

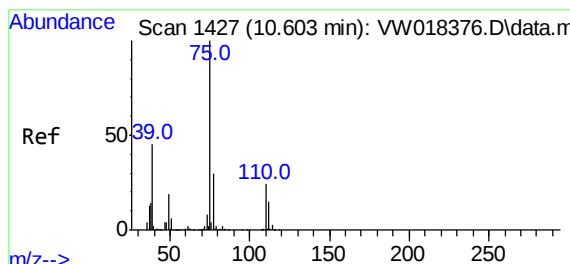
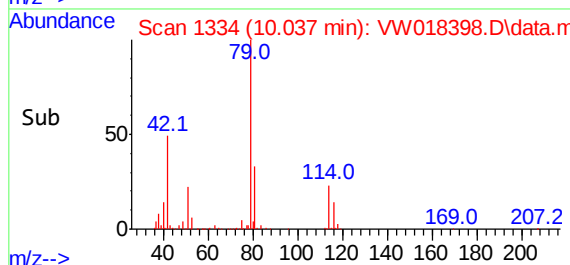
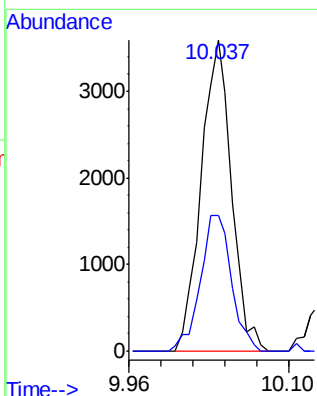
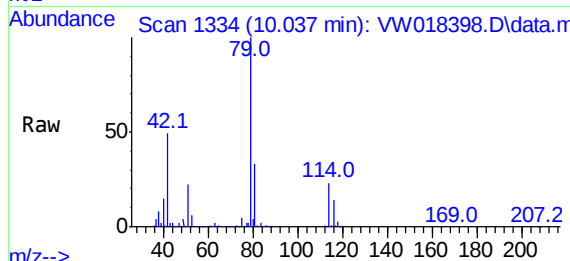




#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

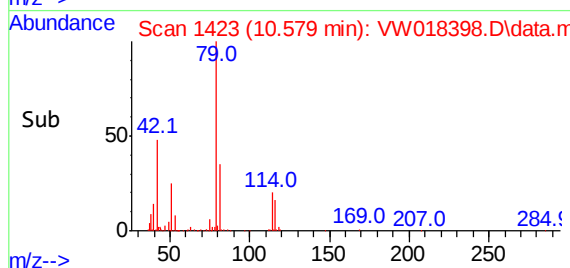
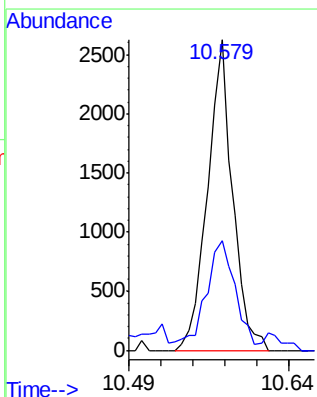
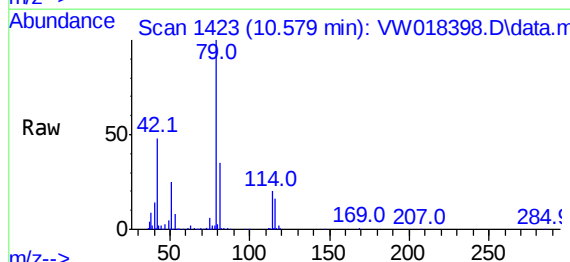
Instrument :
MSVOA_W
ClientSampleId :
BG4K9

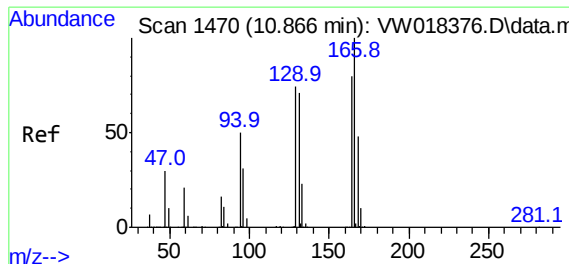
Tgt Ion: 75 Resp: 6469
Ion Ratio Lower Upper
75 100
77 43.5 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
77 35.2 22.6 42.0



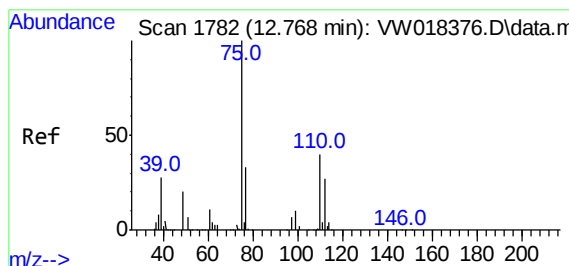
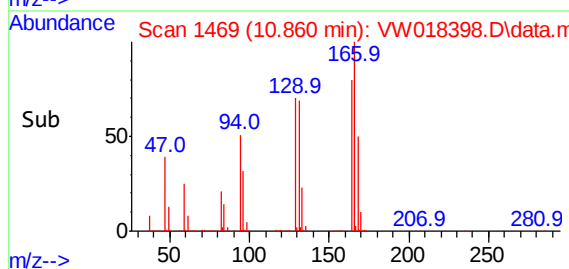
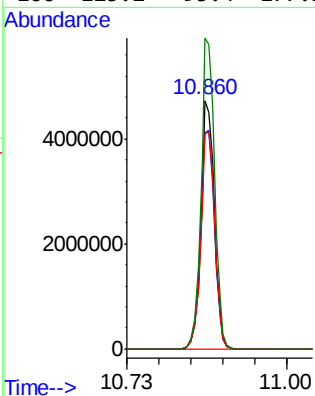
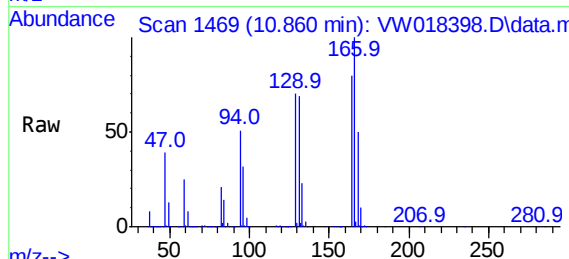


#47
Tetrachloroethene
Concen: 1501.25 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
BG4K9

Tgt Ion:164 Resp: 7352522

Ion	Ratio	Lower	Upper
164	100		
129	87.1	68.8	127.8
131	86.7	68.3	126.8
166	125.2	95.4	177.2



#59
1,2,3-Trichloropropane
Concen: 5.29 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018398.D
Acq: 19 Mar 2021 18:52

Tgt Ion: 75 Resp: 22002

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.6	38.4

