

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018390.D
 Acq On : 19 Mar 2021 15:41
 Operator : SY/VA
 Sample : M1685-13
 Misc : 6.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G5

Quant Time: Mar 20 01:41:45 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)

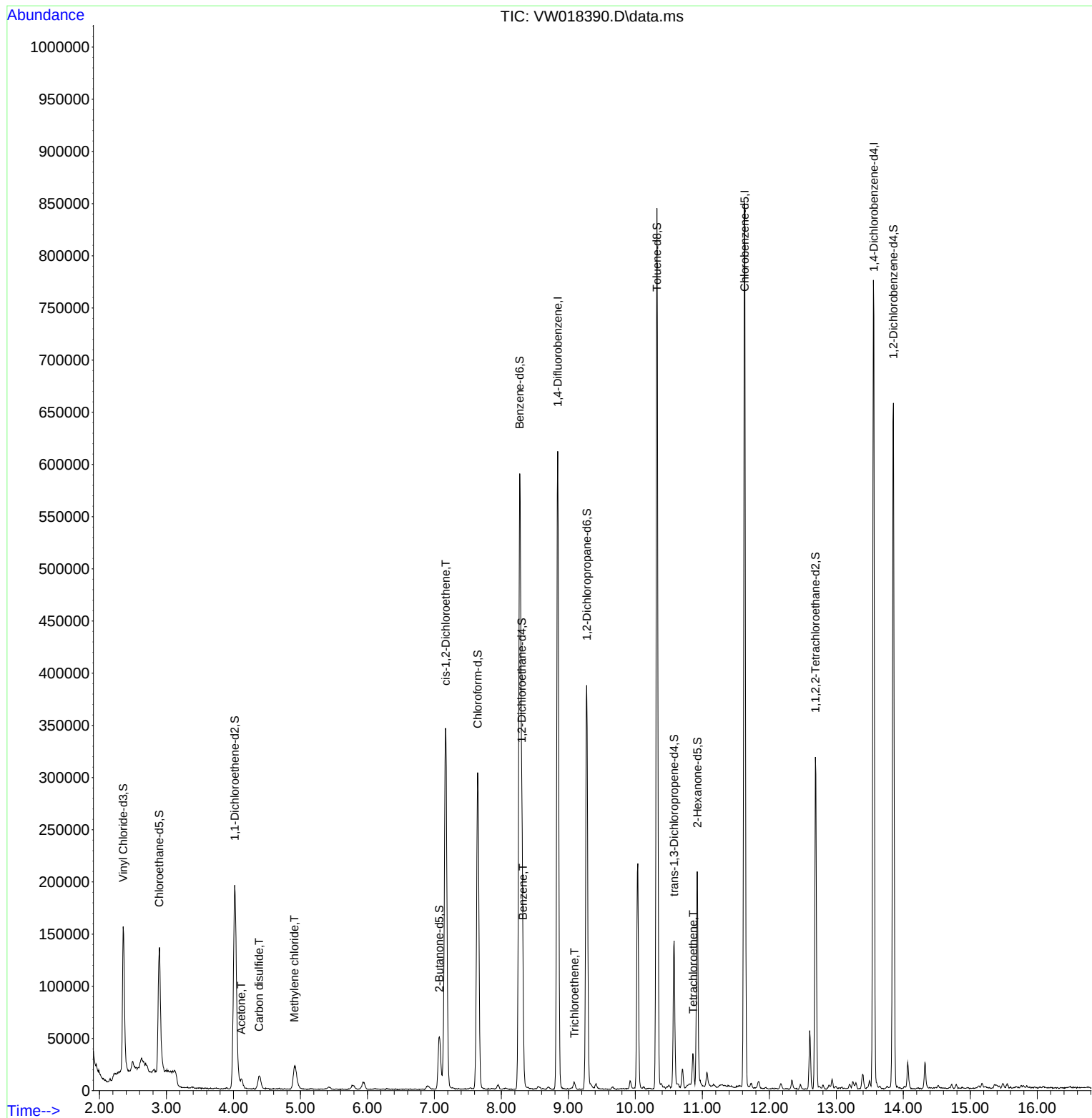
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	503087	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	448940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187530	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	178751	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
7) Chloroethane-d5	2.891	69	163643	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
10) 1,1-Dichloroethene-d2	4.019	63	218758	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	7.074	46	84978	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	7.647	84	302312	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.305	65	185888	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.40%
29) Benzene-d6	8.275	84	592820	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	9.274	67	171699	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.323	98	537404	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.56%
38) trans-1,3-Dichloroprop...	10.579	79	75584	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.927	63	70982	52.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.38%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	150314	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	160356	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	13840	12.36	ug/L	79
14) Carbon disulfide	4.385	76	24844	1.31	ug/L	98
16) Methylene chloride	4.909	84	20533	2.49	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	208724	28.46	ug/L	99
34) Benzene	8.323	78	15413	0.59	ug/L	100
35) Trichloroethene	9.091	95	1550	0.22	ug/L	93
47) Tetrachloroethene	10.866	164	6477	1.19	ug/L	76

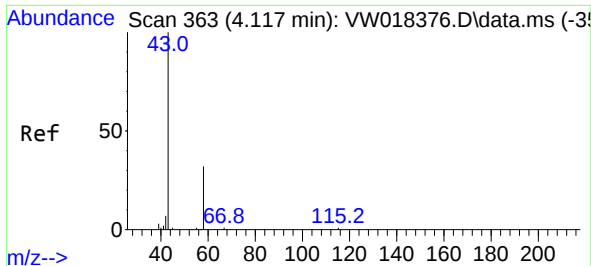
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
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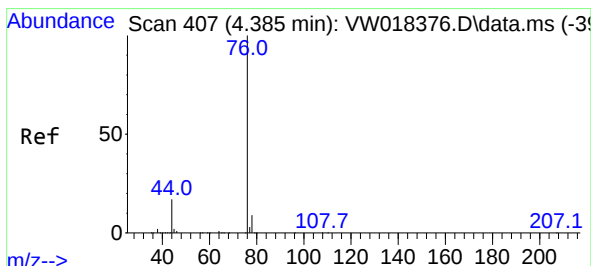
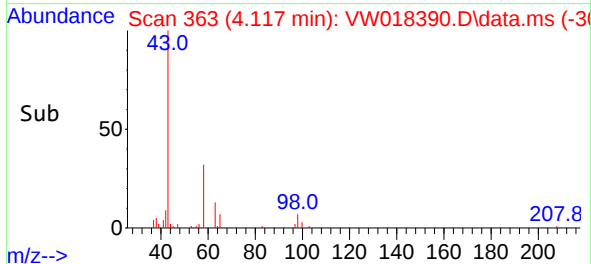
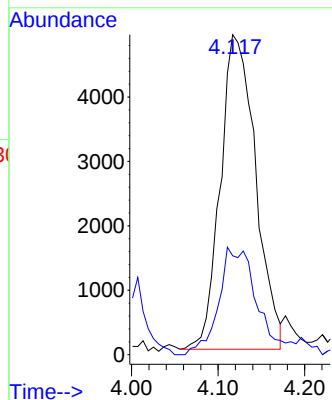
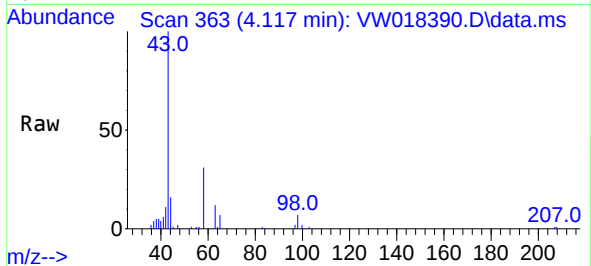




#13
Acetone
Concen: 12.36 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

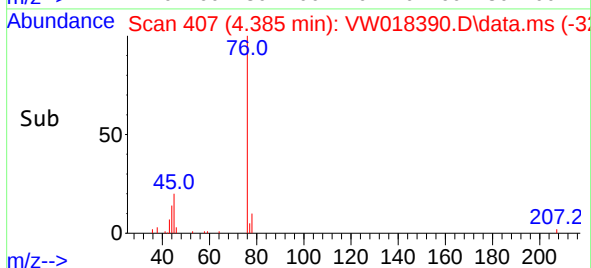
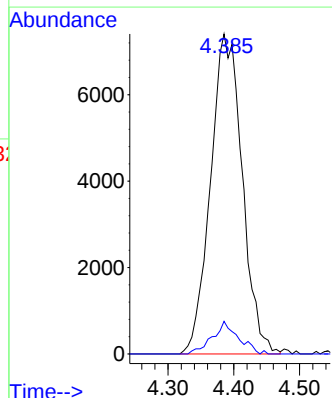
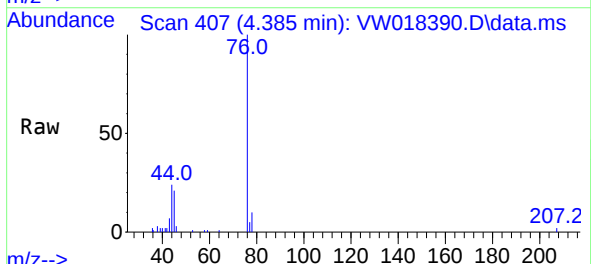
Instrument :
MSVOA_W
ClientSampled :
BG4G5

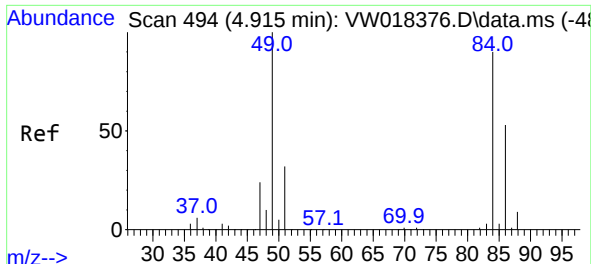
Tgt Ion: 43 Resp: 13840
Ion Ratio Lower Upper
43 100
58 19.7 0.0 62.2



#14
Carbon disulfide
Concen: 1.31 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Tgt Ion: 76 Resp: 24844
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



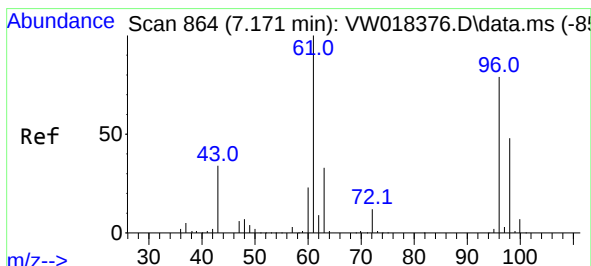
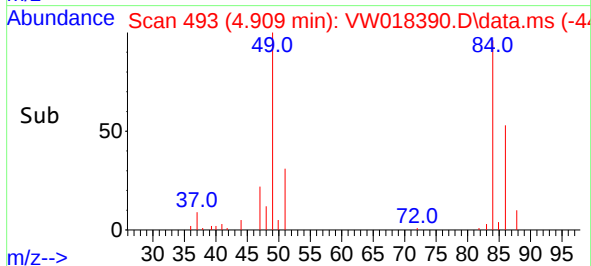
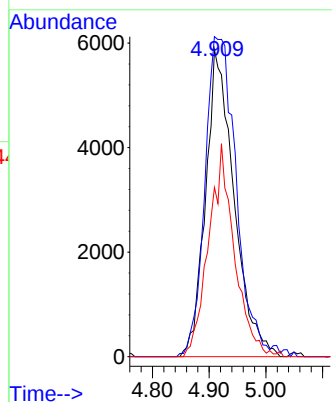
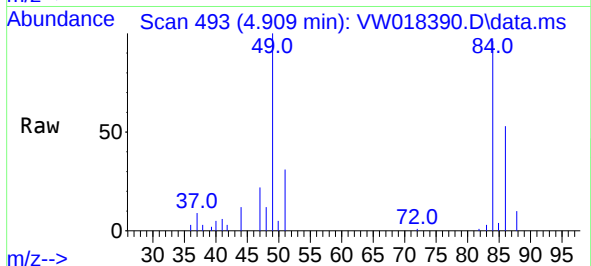


#16
Methylene chloride
Concen: 2.49 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Instrument :
MSVOA_W
ClientSampled :
BG4G5

Tgt Ion: 84 Resp: 20533

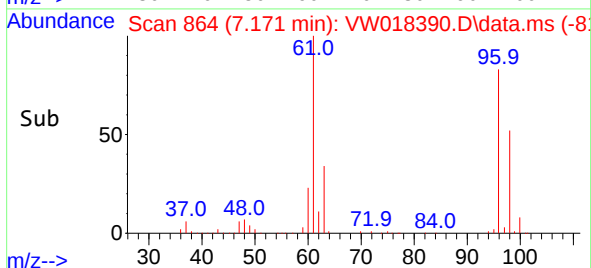
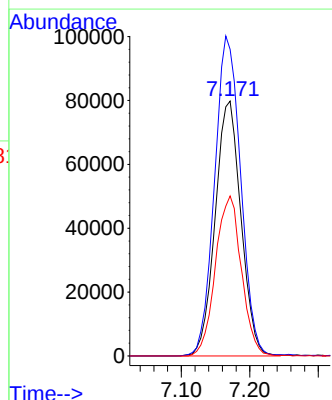
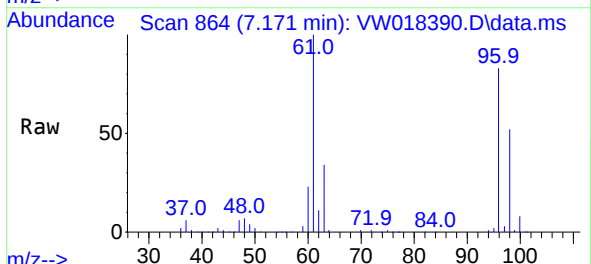
Ion	Ratio	Lower	Upper
84	100		
49	104.2	74.4	138.2
86	55.1	46.1	85.7

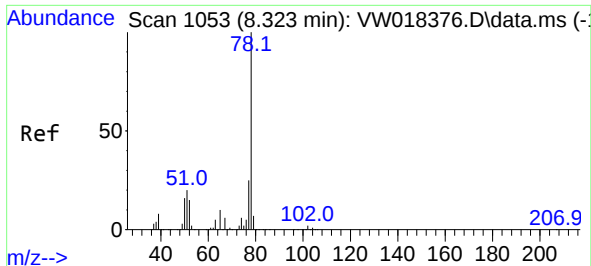


#22
cis-1,2-Dichloroethene
Concen: 28.46 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Tgt Ion: 96 Resp: 208724

Ion	Ratio	Lower	Upper
96	100		
61	120.3	84.8	157.6
98	62.8	45.1	83.9

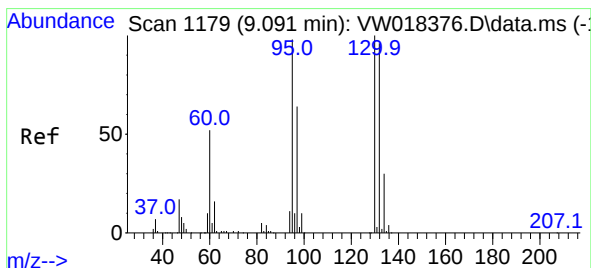
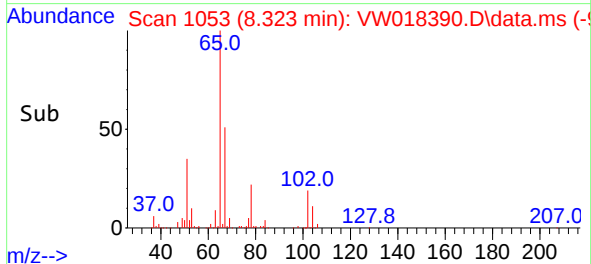
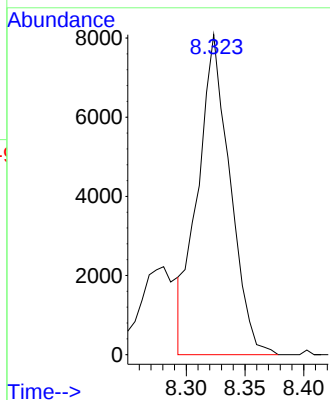
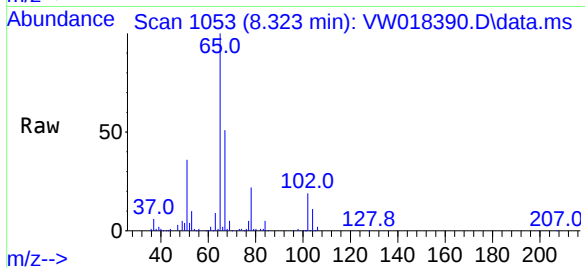




#34
Benzene
Concen: 0.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Instrument :
MSVOA_W
ClientSampled :
BG4G5

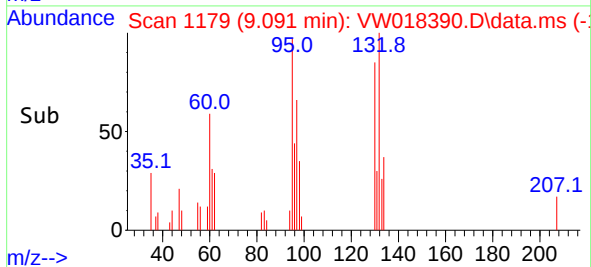
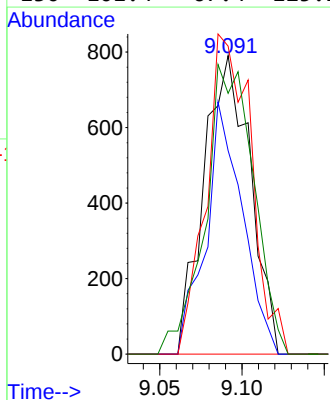
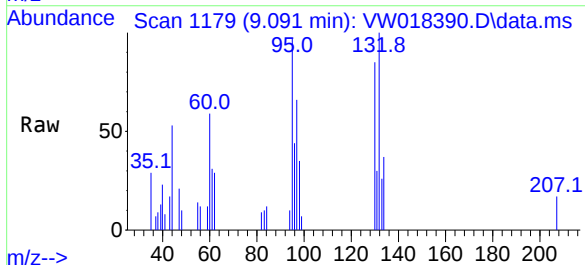
Tgt Ion: 78 Resp: 15413

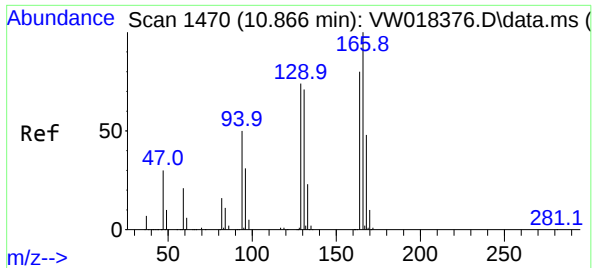


#35
Trichloroethene
Concen: 0.22 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Tgt Ion: 95 Resp: 1550

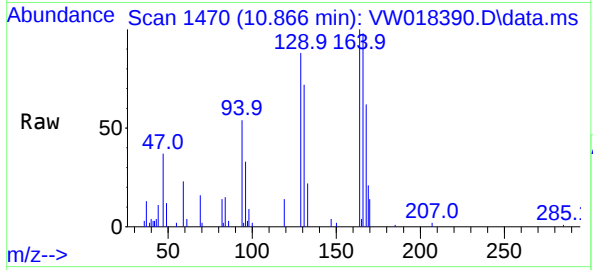
Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.4	82.4
132	103.8	65.9	122.5
130	101.4	67.4	125.2





#47
Tetrachloroethene
Concen: 1.19 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018390.D
Acq: 19 Mar 2021 15:41

Instrument :
MSVOA_W
ClientSampleId :
BG4G5



Tgt Ion:164 Resp: 6477

Ion	Ratio	Lower	Upper
164	100		
129	88.4	68.8	127.8
131	71.7	68.3	126.8
166	98.0	95.4	177.2

