

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018397.D
 Acq On : 19 Mar 2021 18:28
 Operator : SY/VA
 Sample : M1698-10
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K8

Quant Time: Mar 20 01:44:16 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)

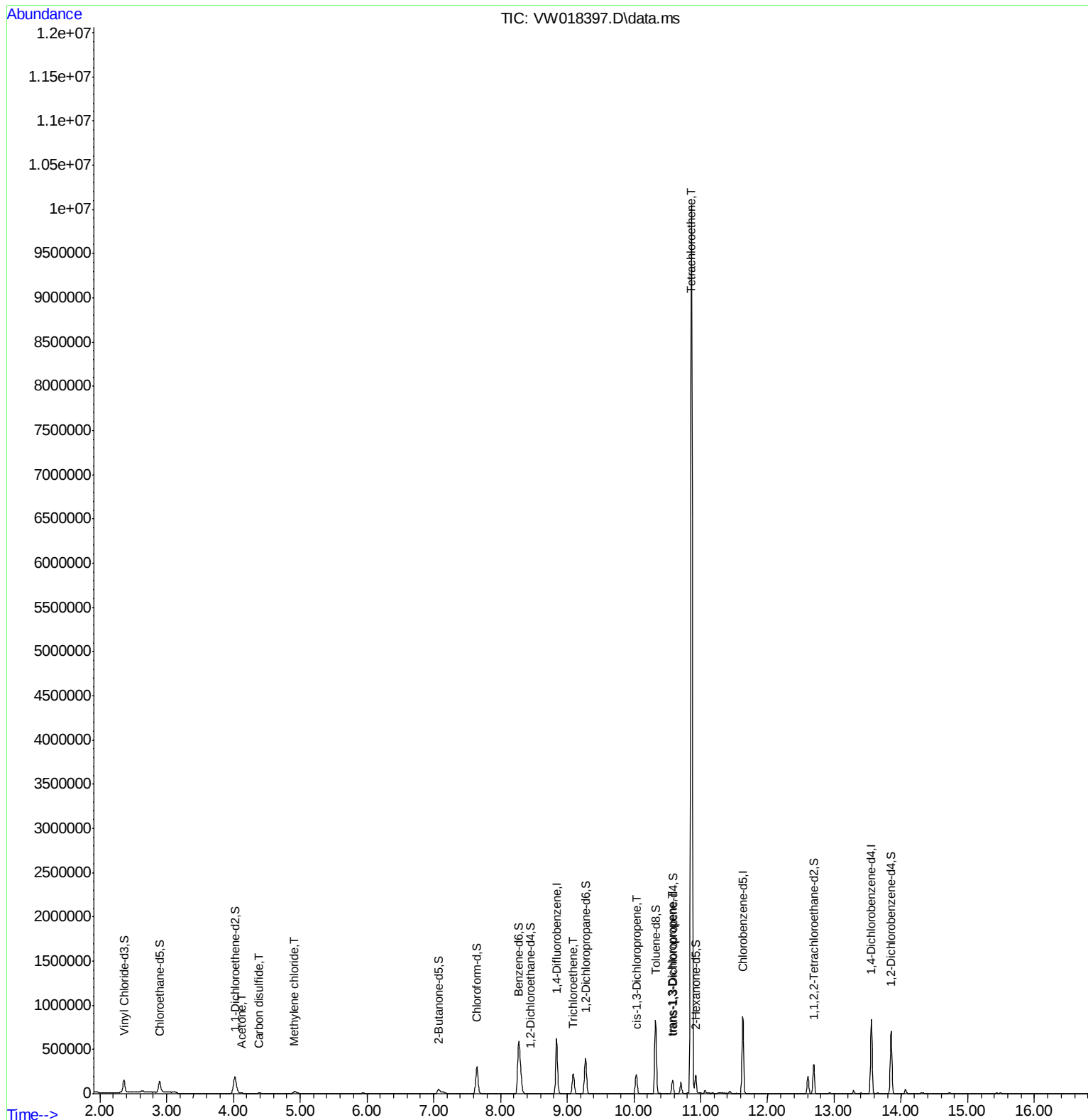
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	511627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	451571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203244	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176309	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.04%		
7) Chloroethane-d5	2.892	69	163579	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.00%		
10) 1,1-Dichloroethene-d2	4.019	63	214338	17.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.76%		
20) 2-Butanone-d5	7.074	46	87528	55.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.44%		
24) Chloroform-d	7.647	84	299010	22.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.80%		
26) 1,2-Dichloroethane-d4	8.452	65	156	0.02	ug/L	0.15
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.08%#		
29) Benzene-d6	8.275	84	585207	24.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.52%		
33) 1,2-Dichloropropane-d6	9.275	67	173507	25.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.24%		
37) Toluene-d8	10.323	98	539434	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.36%		
38) trans-1,3-Dichloroprop...	10.579	79	79411	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.96%		
39) 2-Hexanone-d5	10.921	63	70893	52.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.62%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	159731	25.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	167634	23.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.80%		
Target Compounds						
13) Acetone	4.123	43	10711	9.41	ug/L	92
14) Carbon disulfide	4.385	76	18199	0.94	ug/L	99
16) Methylene chloride	4.910	84	23417	2.79	ug/L	88
35) Trichloroethene	9.092	95	78052	10.80	ug/L	99
42) cis-1,3-Dichloropropene	10.037	75	6610	0.61	ug/L #	80
45) trans-1,3-Dichloropropene	10.573	75	4306	0.44	ug/L	97
47) Tetrachloroethene	10.860	164	2045685	372.88	ug/L	91

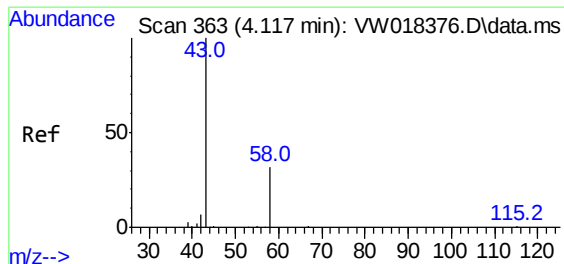
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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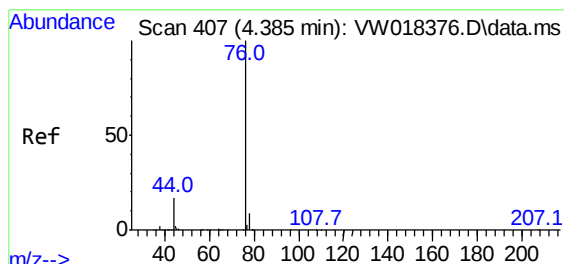
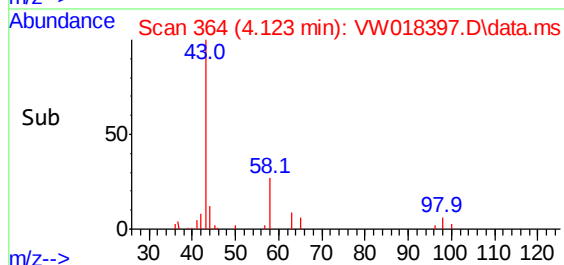
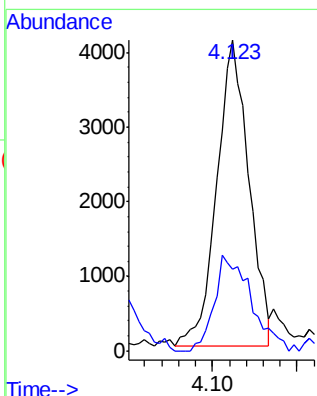
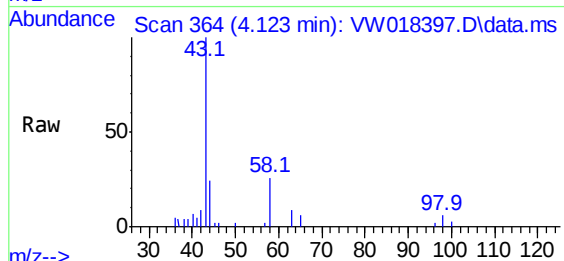




#13
Acetone
Concen: 9.41 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

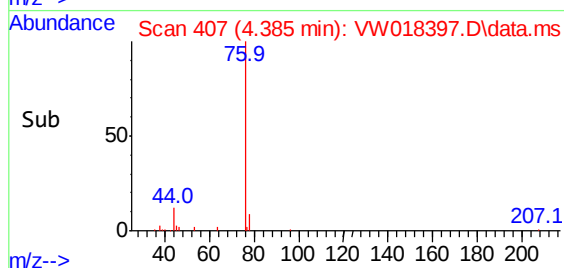
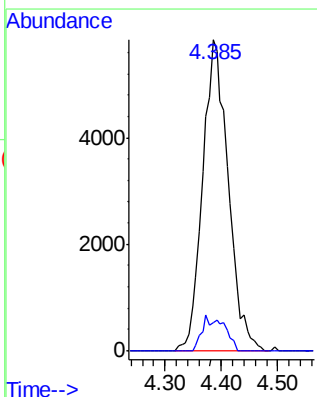
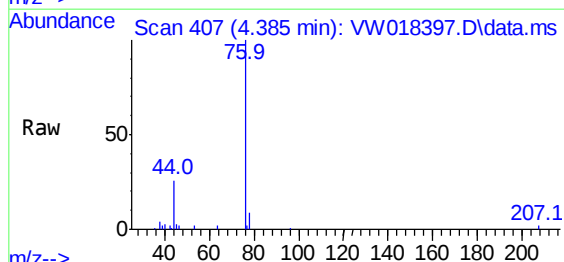
Instrument :
MSVOA_W
ClientSampled :
BG4K8

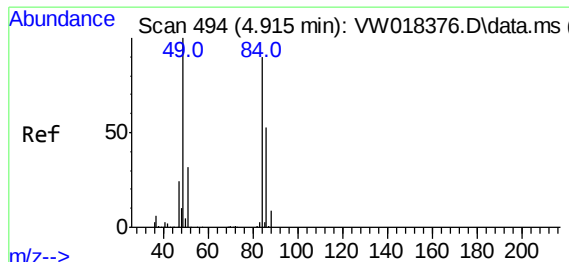
Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 35.6 0.0 62.2



#14
Carbon disulfide
Concen: 0.94 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

Tgt Ion: 76 Resp: 18199
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



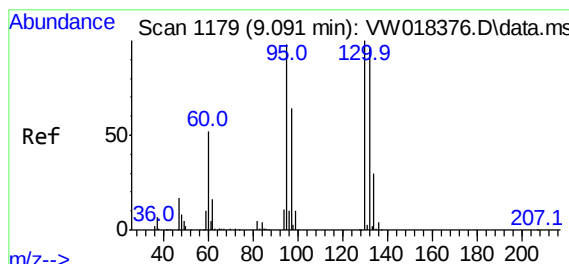
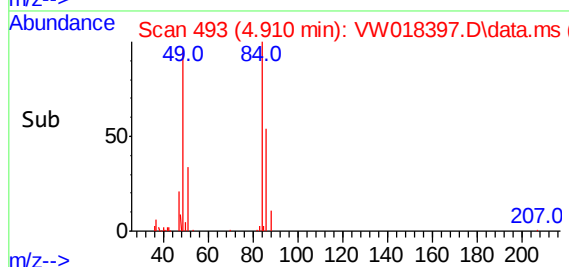
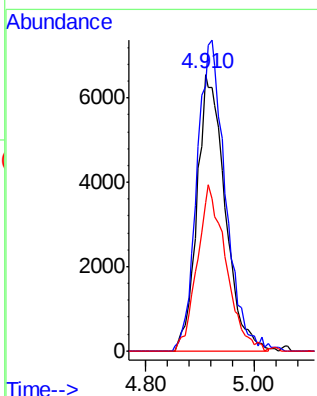
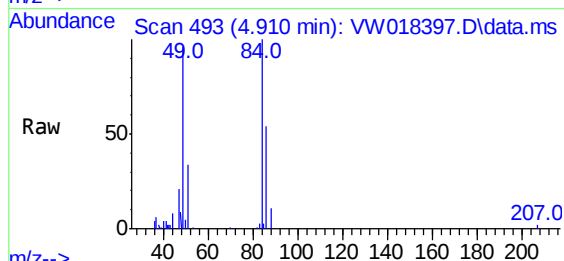


#16
Methylene chloride
Concen: 2.79 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :
BG4K8

Tgt Ion: 84 Resp: 23417

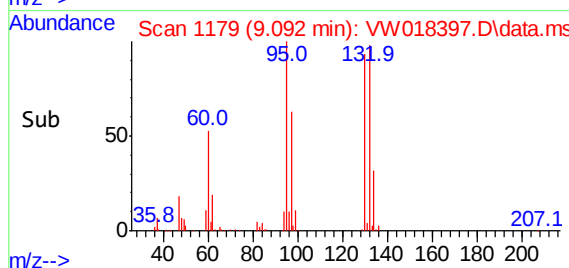
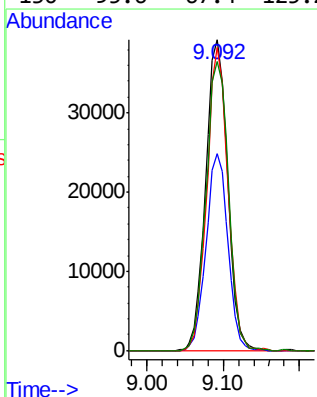
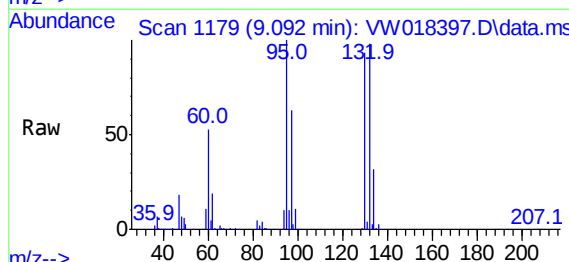
Ion	Ratio	Lower	Upper
84	100		
49	95.7	74.4	138.2
86	53.8	46.1	85.7

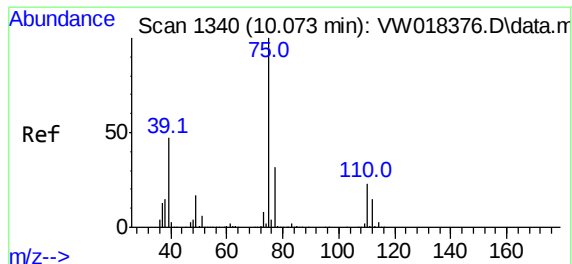


#35
Trichloroethene
Concen: 10.80 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

Tgt Ion: 95 Resp: 78052

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	93.6	65.9	122.5
130	95.6	67.4	125.2

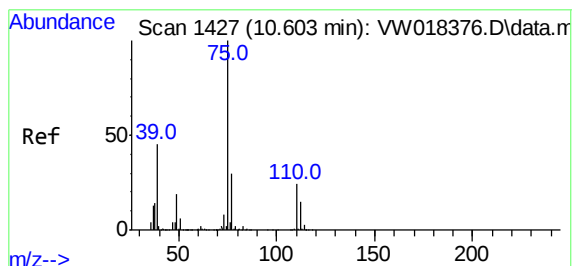
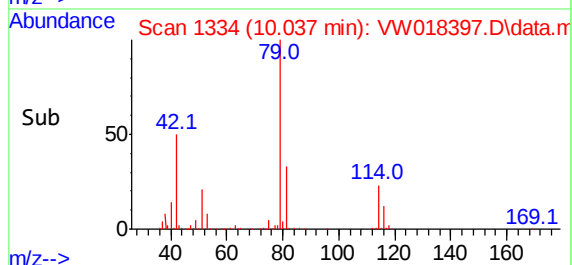
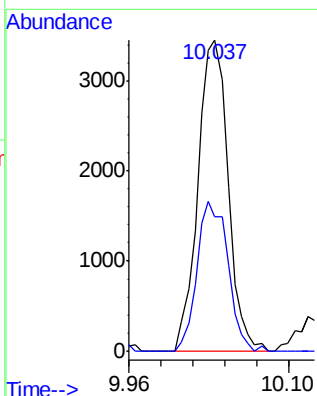
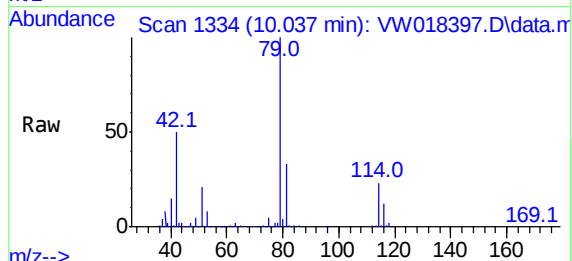




#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

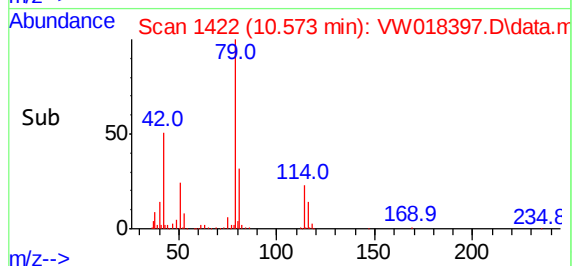
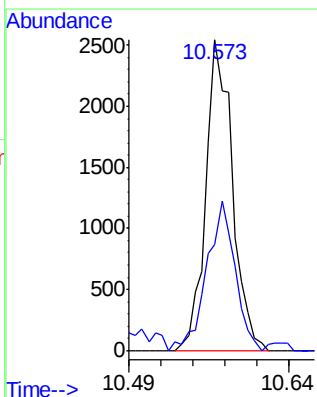
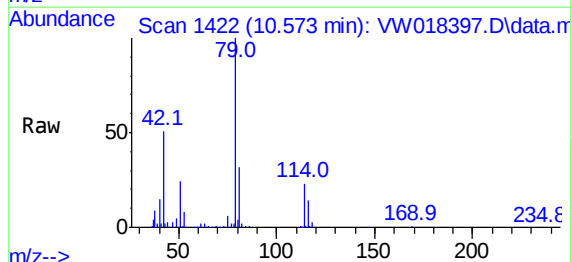
Instrument :
MSVOA_W
ClientSampleId :
BG4K8

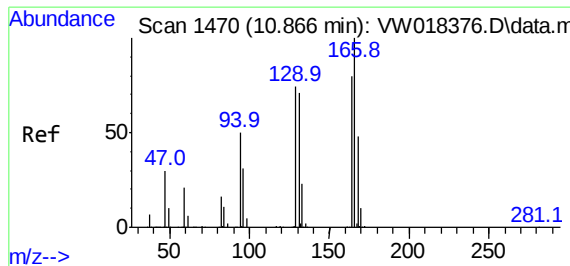
Tgt Ion: 75 Resp: 6610
Ion Ratio Lower Upper
75 100
77 43.2 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

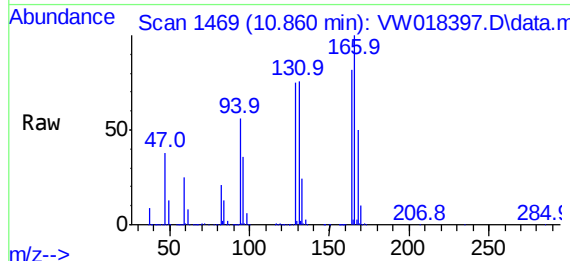
Tgt Ion: 75 Resp: 4306
Ion Ratio Lower Upper
75 100
77 34.2 22.6 42.0





#47
Tetrachloroethene
Concen: 372.88 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018397.D
Acq: 19 Mar 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :
BG4K8



Tgt Ion:164 Resp: 2045685

Ion	Ratio	Lower	Upper
164	100		
129	91.2	68.8	127.8
131	92.2	68.3	126.8
166	121.6	95.4	177.2

