

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018430.D
 Acq On : 23 Mar 2021 16:40
 Operator : SY/VA
 Sample : M1781-09
 Misc : 5.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5

Quant Time: Mar 24 01:26:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

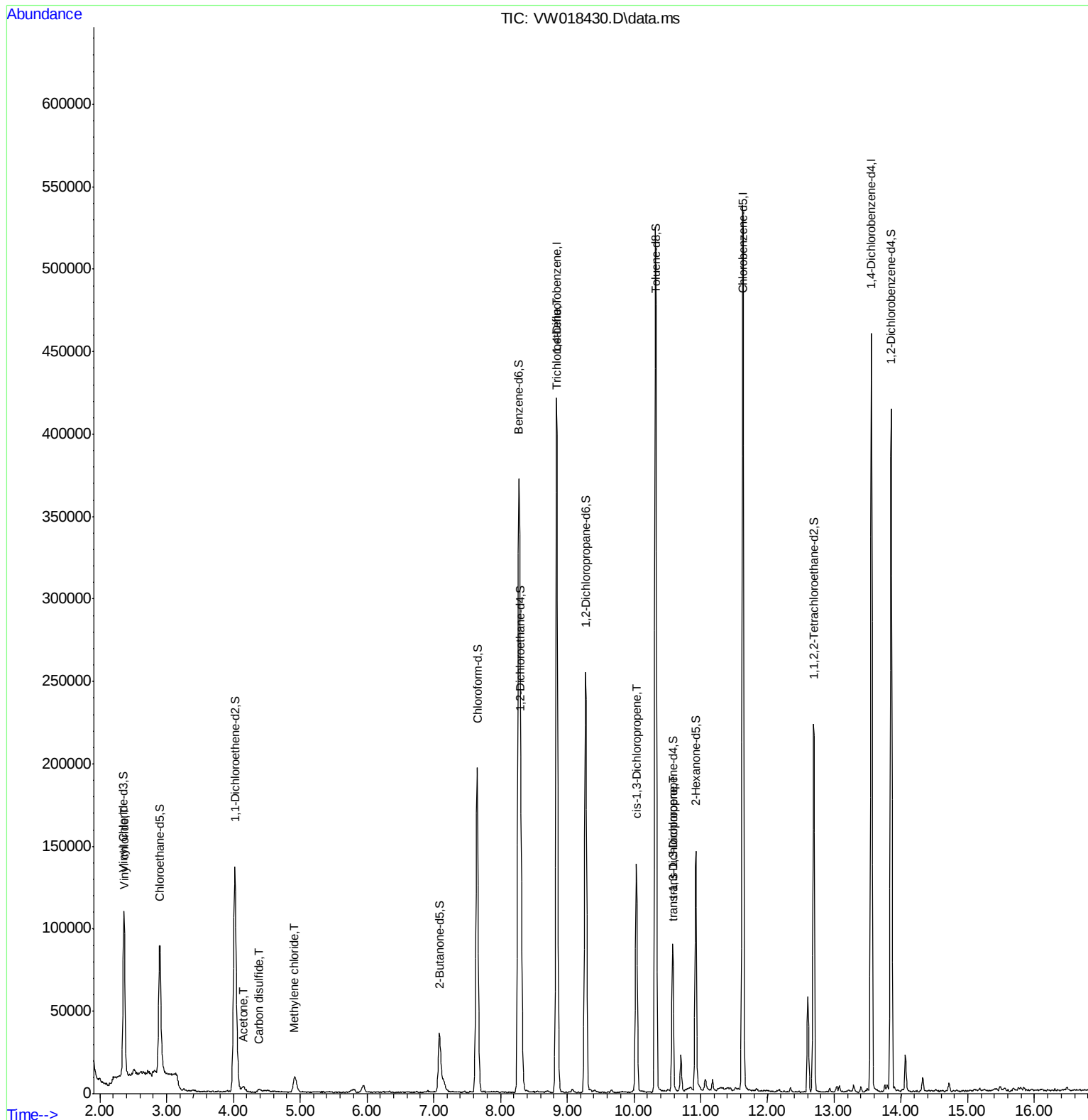
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	286378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115044	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115382	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.08%		
7) Chloroethane-d5	2.892	69	105466	24.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.28%		
10) 1,1-Dichloroethene-d2	4.019	63	146587	17.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.96%		
20) 2-Butanone-d5	7.086	46	60352	55.84	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.68%		
24) Chloroform-d	7.653	84	193118	21.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.92%		
26) 1,2-Dichloroethane-d4	8.305	65	121798	23.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.92%		
29) Benzene-d6	8.275	84	387409	25.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.80%		
33) 1,2-Dichloropropane-d6	9.275	67	111354	25.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.44%		
37) Toluene-d8	10.323	98	345570	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.28%		
38) trans-1,3-Dichloroprop...	10.579	79	47295	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.52%		
39) 2-Hexanone-d5	10.927	63	50246	58.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.94%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	104159	26.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99722	24.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.52%		
Target Compounds						
5) Vinyl chloride	2.367	62	6270	0.95	ug/L #	46
13) Acetone	4.147	43	4757	6.13	ug/L	86
14) Carbon disulfide	4.385	76	4382	0.33	ug/L #	89
16) Methylene chloride	4.916	84	7466	1.30	ug/L #	74
35) Trichloroethene	8.848	95	10748	2.35	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	4170	0.61	ug/L #	59
45) trans-1,3-Dichloropropene	10.585	75	2579	0.42	ug/L	96

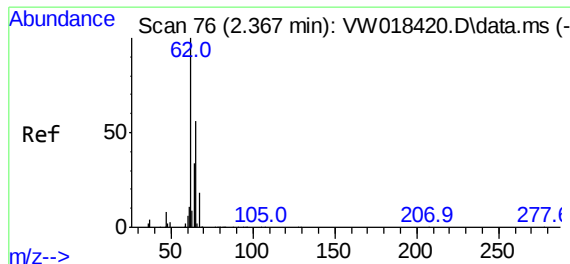
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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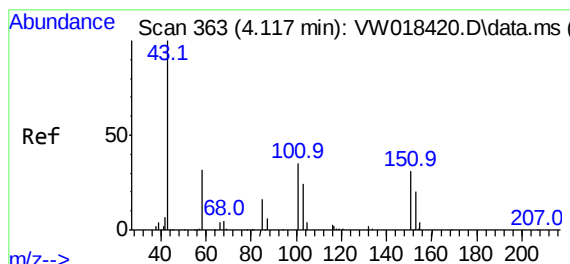
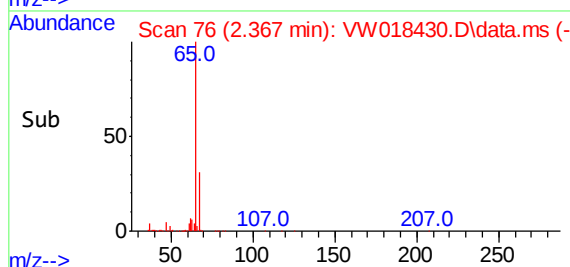
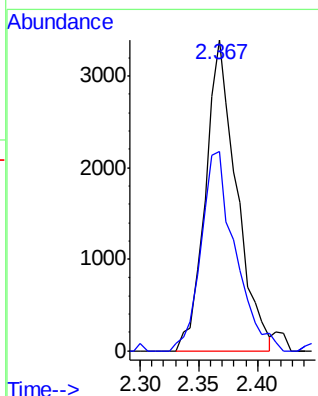
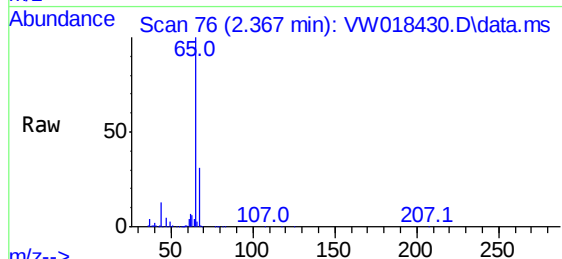




#5
 Vinyl chloride
 Concen: 0.95 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018430.D
 Acq: 23 Mar 2021 16:40

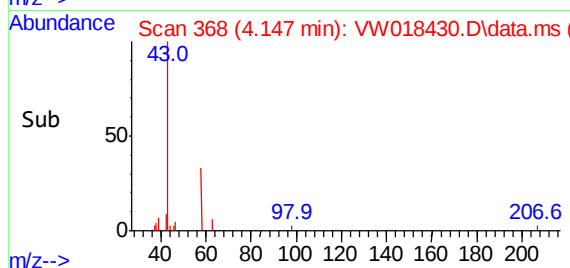
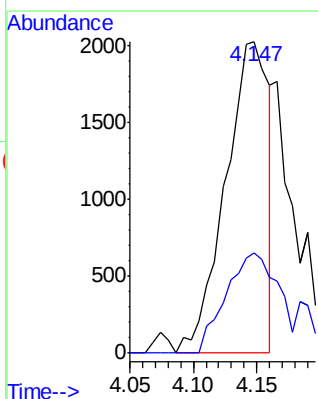
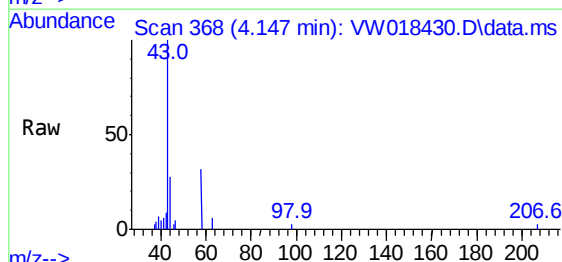
Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5

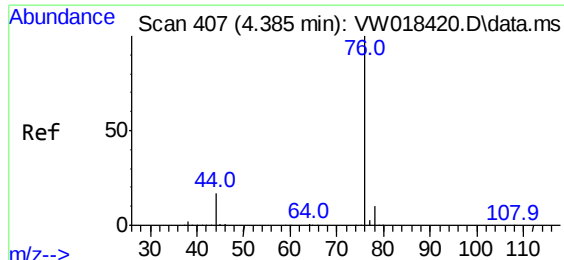
Tgt Ion: 62 Resp: 6270
 Ion Ratio Lower Upper
 62 100
 64 64.4 23.5 43.7#



#13
 Acetone
 Concen: 6.13 ug/L
 RT: 4.147 min Scan# 368
 Delta R.T. 0.030 min
 Lab File: VW018430.D
 Acq: 23 Mar 2021 16:40

Tgt Ion: 43 Resp: 4757
 Ion Ratio Lower Upper
 43 100
 58 38.6 0.0 62.2

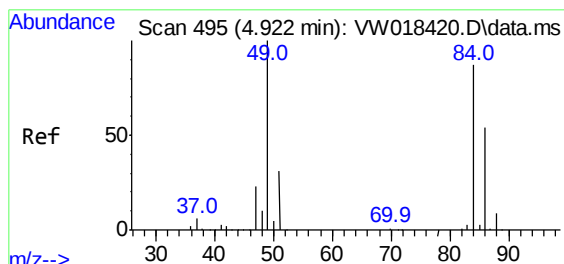
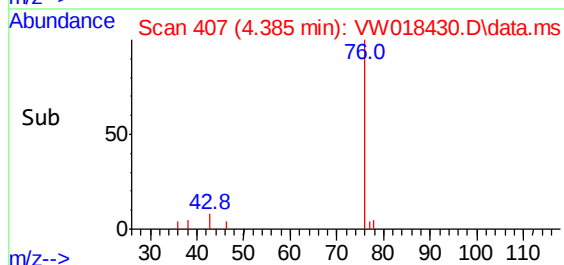
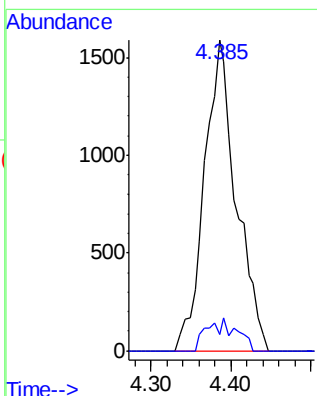
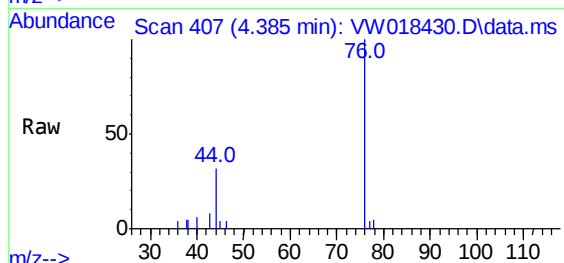




#14
Carbon disulfide
Concen: 0.33 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018430.D
Acq: 23 Mar 2021 16:40

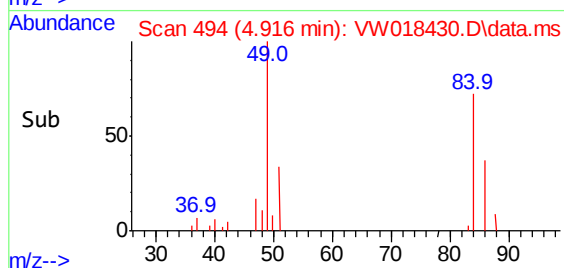
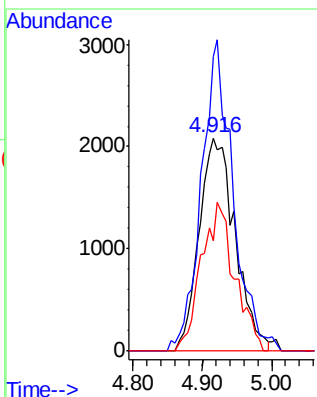
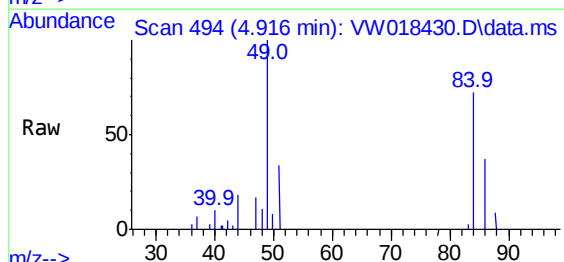
Instrument :
MSVOA_W
ClientSampled :
BG4N5

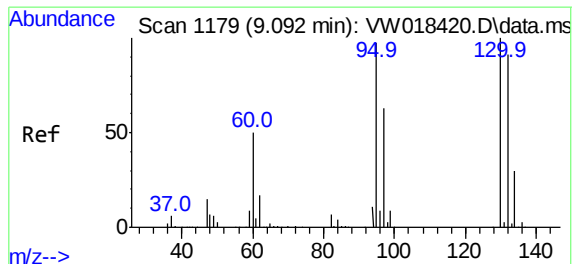
Tgt Ion: 76 Resp: 4382
Ion Ratio Lower Upper
76 100
78 5.3 7.4 11.2#



#16
Methylene chloride
Concen: 1.30 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018430.D
Acq: 23 Mar 2021 16:40

Tgt Ion: 84 Resp: 7466
Ion Ratio Lower Upper
84 100
49 138.4 74.4 138.2#
86 51.8 46.1 85.7

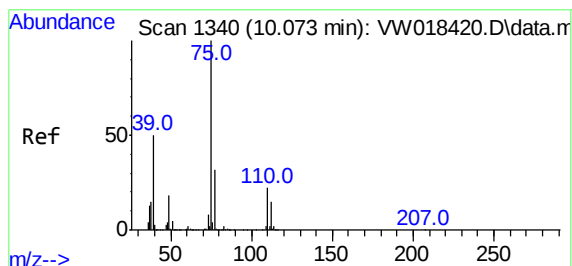
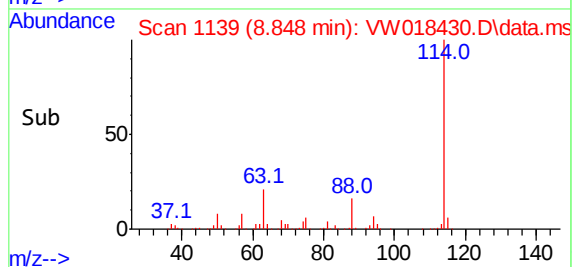
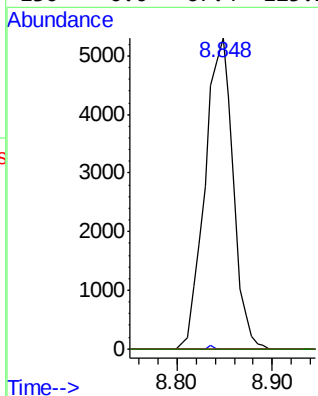
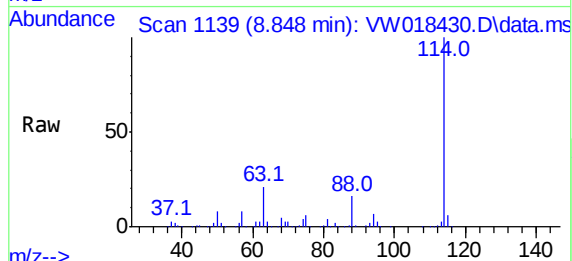




#35
Trichloroethene
Concen: 2.35 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018430.D
Acq: 23 Mar 2021 16:40

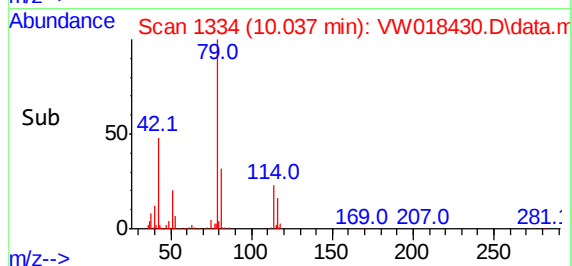
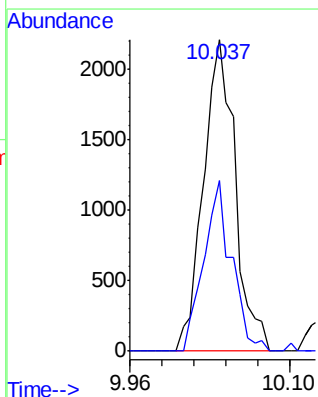
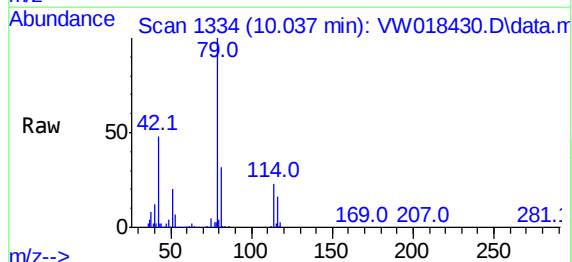
Instrument :
MSVOA_W
ClientSampleId :
BG4N5

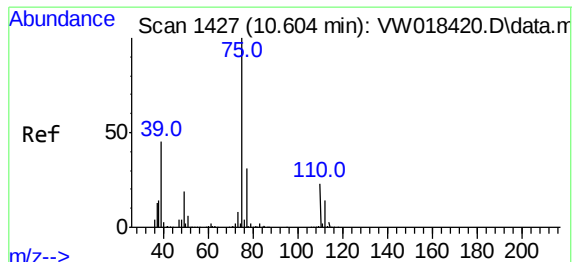
Tgt Ion: 95 Resp: 10748
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018430.D
Acq: 23 Mar 2021 16:40

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
77 54.7 22.4 41.6#





#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018430.D
Acq: 23 Mar 2021 16:40

Instrument :
MSVOA_W
ClientSampleId :
BG4N5

Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
77 34.7 22.6 42.0

