

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018425.D
 Acq On : 23 Mar 2021 14:41
 Operator : SY/VA
 Sample : M1784-02
 Misc : 6.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4X5

Quant Time: Mar 24 01:25:24 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)

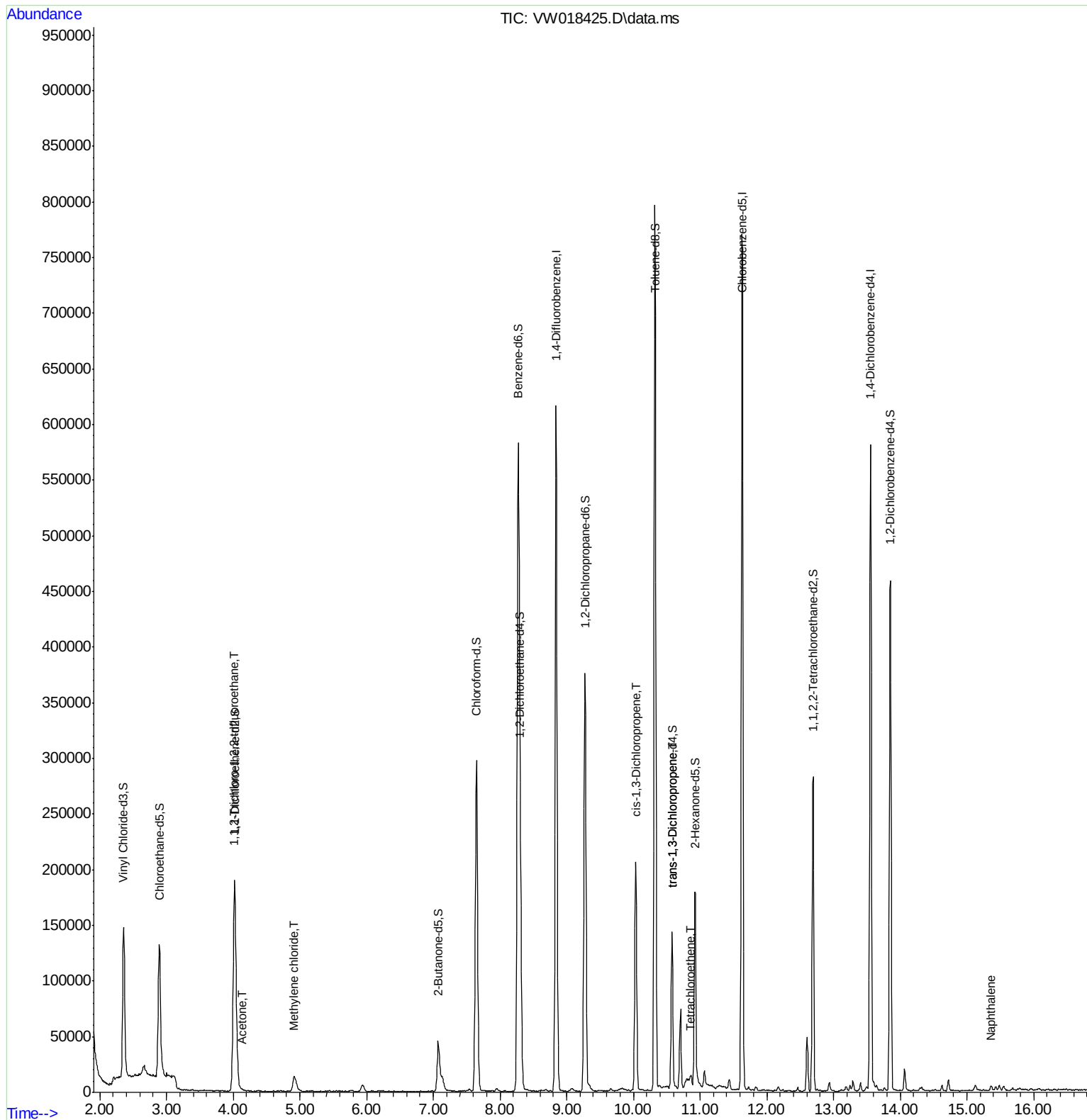
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	502289	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	404635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	148647	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	171018	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.88%		
7) Chloroethane-d5	2.891	69	157952	25.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.28%		
10) 1,1-Dichloroethene-d2	4.019	63	213270	17.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.68%		
20) 2-Butanone-d5	7.074	46	73406	47.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.34%		
24) Chloroform-d	7.647	84	293240	22.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.68%		
26) 1,2-Dichloroethane-d4	8.305	65	177507	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.08%		
29) Benzene-d6	8.275	84	576225	26.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.16%		
33) 1,2-Dichloropropane-d6	9.274	67	165840	26.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.92%		
37) Toluene-d8	10.323	98	513756	24.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.20%		
38) trans-1,3-Dichloroprop...	10.579	79	72554	22.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.68%		
39) 2-Hexanone-d5	10.927	63	60107	49.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.00%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	136034	24.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.04%		
61) 1,2-Dichlorobenzene-d4	13.847	152	113218	21.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.68%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.013	101	1741	0.28	ug/L #	28
13) Acetone	4.135	43	1547	1.38	ug/L	85
16) Methylene chloride	4.915	84	11669	1.42	ug/L	90
42) cis-1,3-Dichloropropene	10.036	75	6147	0.63	ug/L #	82
45) trans-1,3-Dichloropropene	10.579	75	4020	0.46	ug/L #	67
47) Tetrachloroethene	10.859	164	1493	0.30	ug/L	79
69) Naphthalene	15.365	128	3767	0.31	ug/L #	92

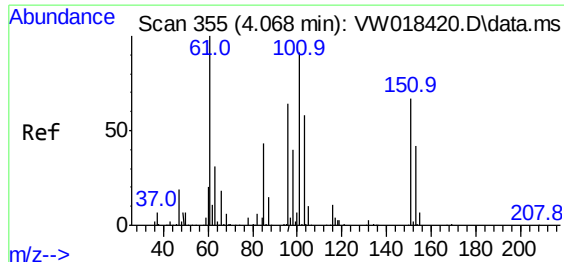
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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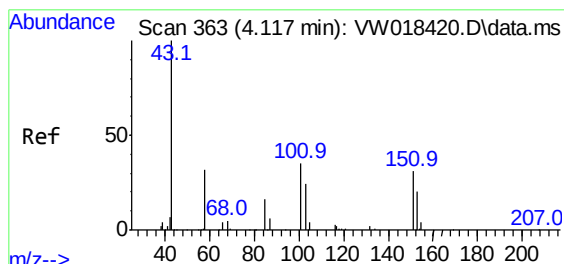
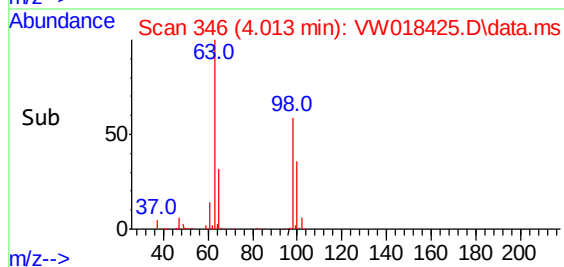
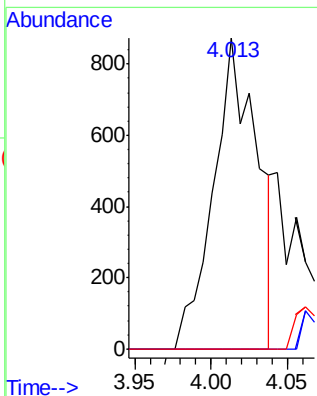
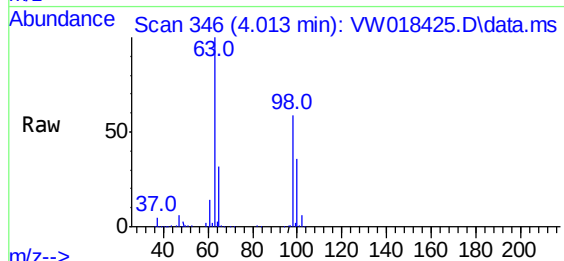




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.28 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.055 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

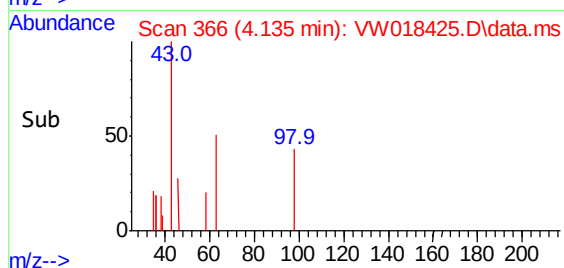
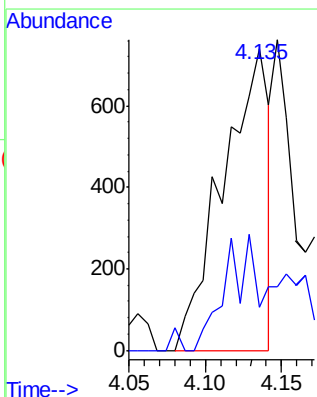
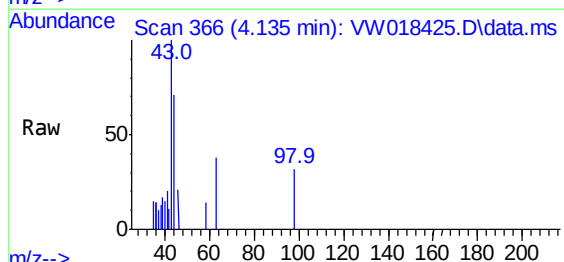
Instrument :
MSVOA_W
ClientSampled :
BG4X5

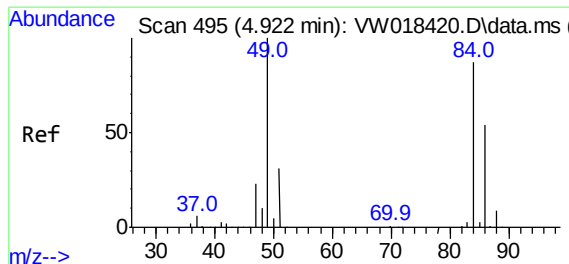
Tgt Ion:101 Resp: 1741
Ion Ratio Lower Upper
101 100
85 5.3 35.6 53.4#
151 6.5 58.1 87.1#



#13
Acetone
Concen: 1.38 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 22.9 0.0 62.2



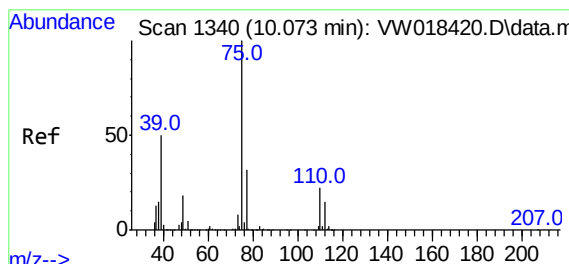
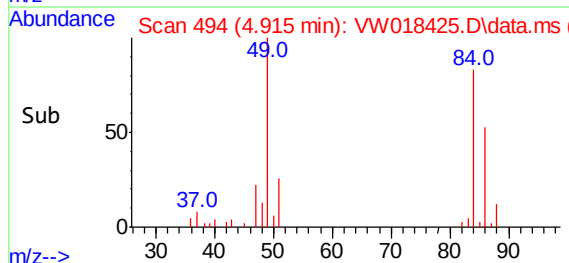
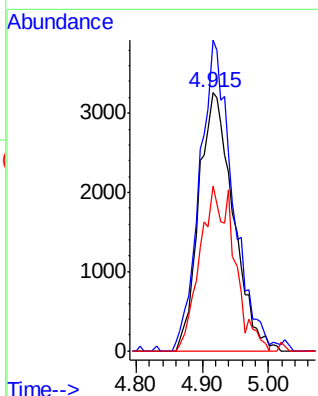
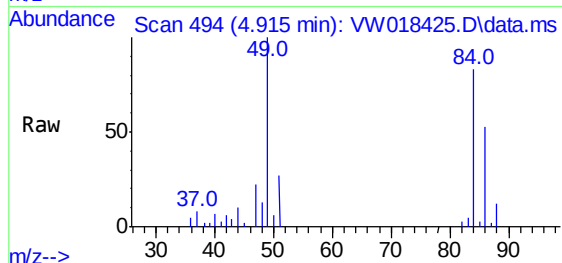


#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

Instrument :
MSVOA_W
ClientSampleId :
BG4X5

Tgt Ion: 84 Resp: 11669

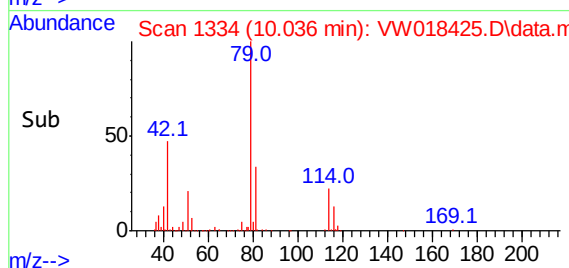
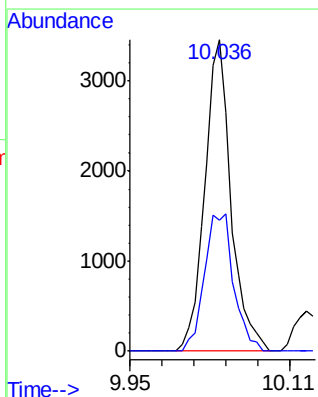
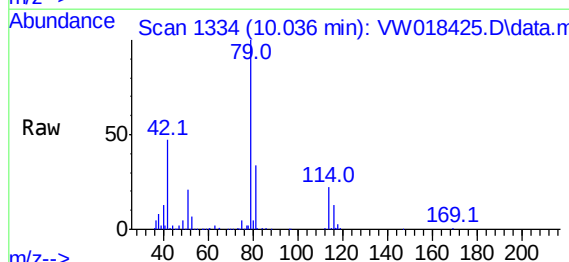
Ion	Ratio	Lower	Upper
84	100		
49	120.5	74.4	138.2
86	63.7	46.1	85.7

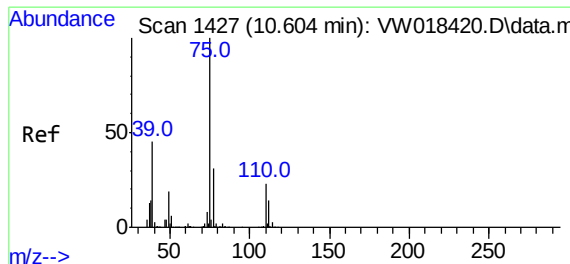


#42
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

Tgt Ion: 75 Resp: 6147

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.4	41.6#

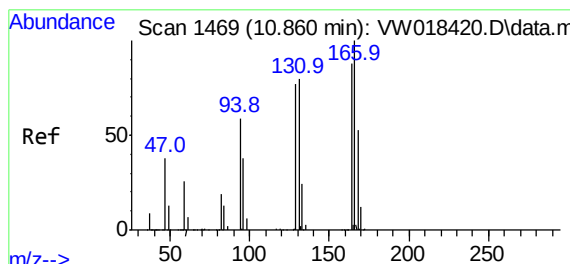
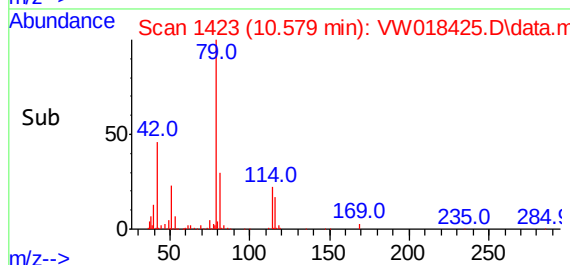
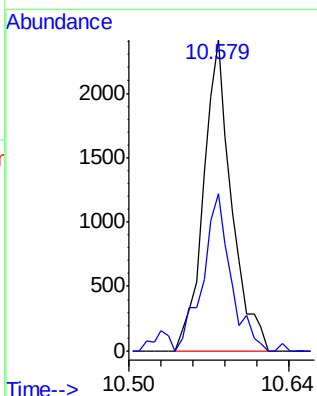
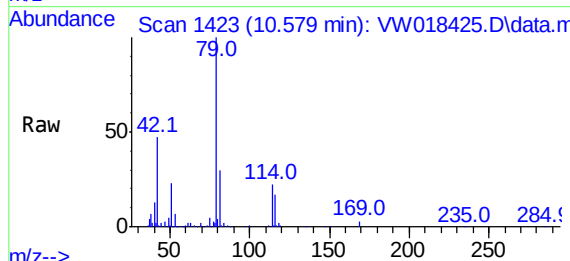




#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

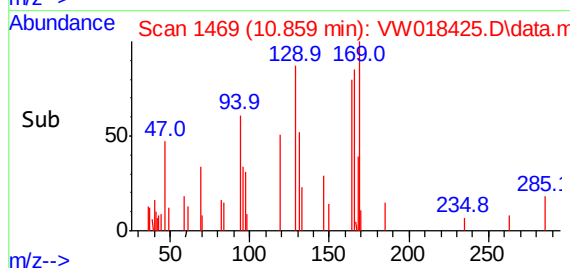
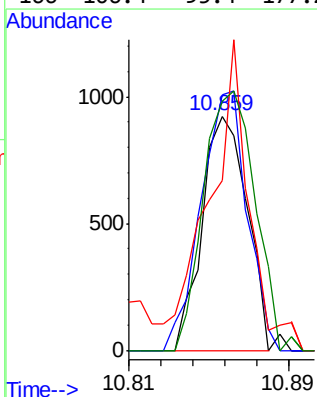
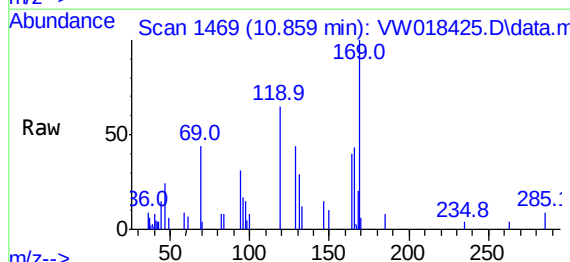
Instrument :
MSVOA_W
ClientSampleId :
BG4X5

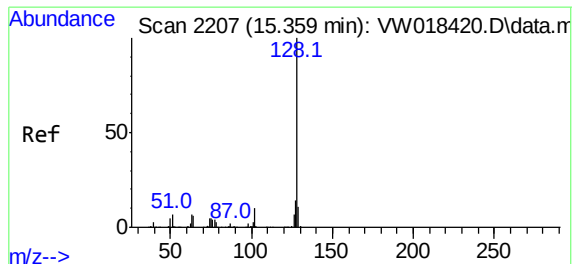
Tgt Ion: 75 Resp: 4020
Ion Ratio Lower Upper
75 100
77 50.7 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.30 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

Tgt Ion: 164 Resp: 1493
Ion Ratio Lower Upper
164 100
129 109.3 68.8 127.8
131 72.6 68.3 126.8
166 106.4 95.4 177.2





#69
Naphthalene
Concen: 0.31 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018425.D
Acq: 23 Mar 2021 14:41

Instrument :
MSVOA_W
ClientSampleId :
BG4X5

Tgt Ion:128 Resp: 3767
Ion Ratio Lower Upper
128 100
129 10.2 9.1 13.7
127 8.4 10.7 16.1#

