

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031121\
 Data File : VW018297.D
 Acq On : 11 Mar 2021 14:20
 Operator : SY/VA
 Sample : M1630-08
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG576

Quant Time: Mar 12 00:28:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 00:26:52 2021
 Response via : Initial Calibration

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

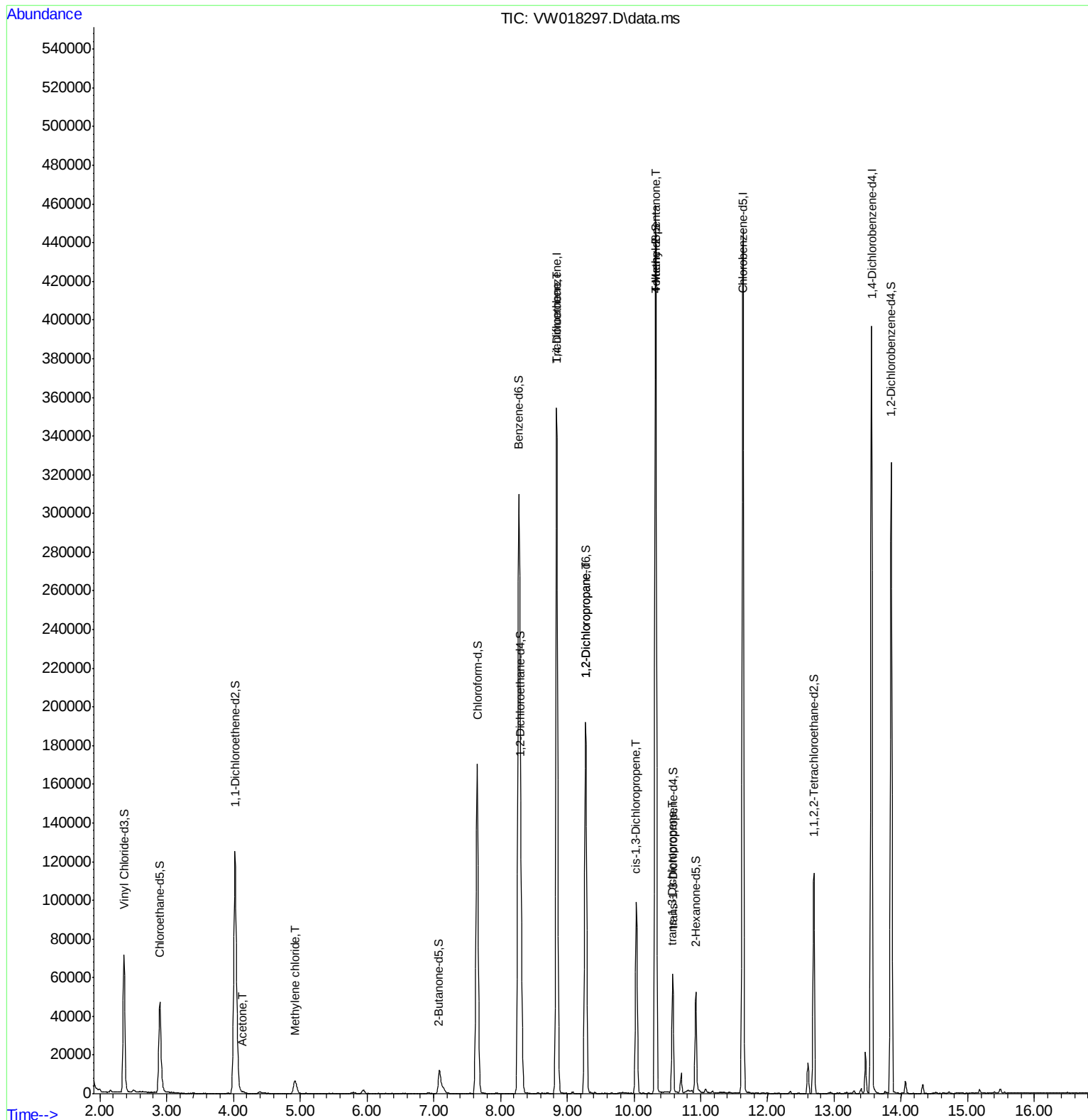
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299599	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	99022	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	81707	25.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.72%			
7) Chloroethane-d5	2.898	69	62880	23.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.48%			
10) 1,1-Dichloroethene-d2	4.025	63	131706	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.88%			
20) 2-Butanone-d5	7.080	46	20334	26.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.72%			
24) Chloroform-d	7.653	84	173870	21.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.68%			
26) 1,2-Dichloroethane-d4	8.305	65	84787	18.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.92%			
29) Benzene-d6	8.275	84	323722	24.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.92%			
33) 1,2-Dichloropropane-d6	9.274	67	85161	23.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.88%			
37) Toluene-d8	10.323	98	305567	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.76%			
38) trans-1,3-Dichloroprop...	10.579	79	33143	18.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.48%			
39) 2-Hexanone-d5	10.927	63	17706	29.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.28%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	52396	17.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.28%			
61) 1,2-Dichlorobenzene-d4	13.853	152	79966	22.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.88%			
Target Compounds						
13) Acetone	4.135	43	950	1.58	ug/L #	39
16) Methylene chloride	4.922	84	6076	1.33	ug/L	93
35) Trichloroethene	8.842	95	9529	2.32	ug/L #	6
40) 1,2-Dichloropropane	9.274	63	10858	3.34	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	2978	0.55	ug/L #	61
43) 4-Methyl-2-pentanone	10.323	43	1270	0.75	ug/L #	1
45) trans-1,3-Dichloropropene	10.573	75	1645	0.34	ug/L	94

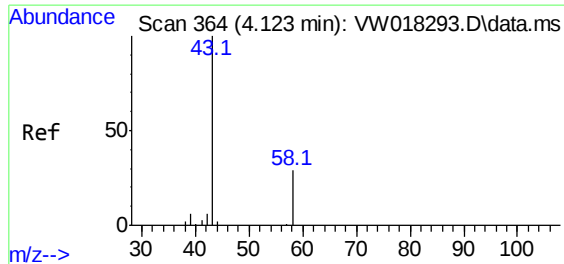
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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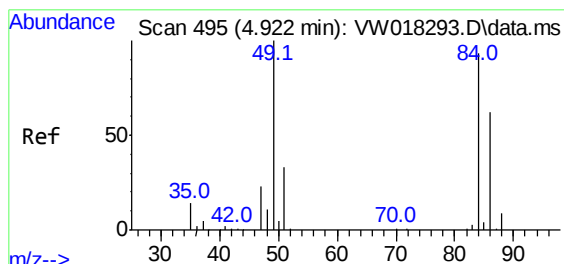
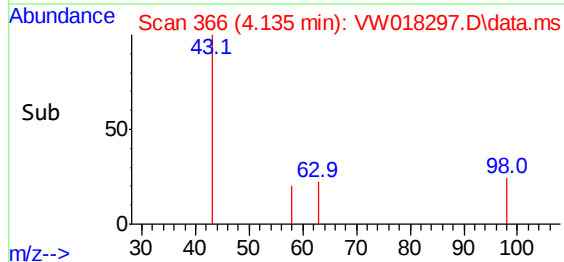
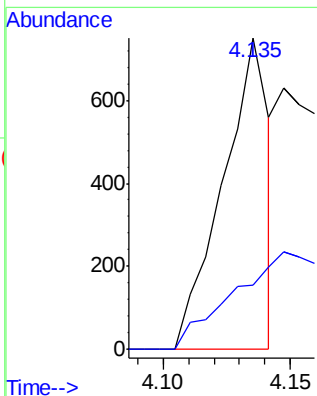
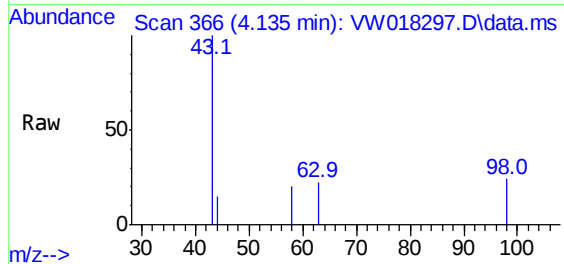




#13
Acetone
Concen: 1.58 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

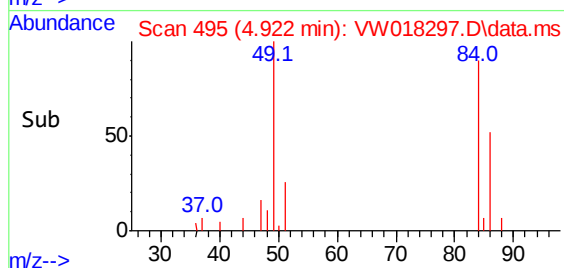
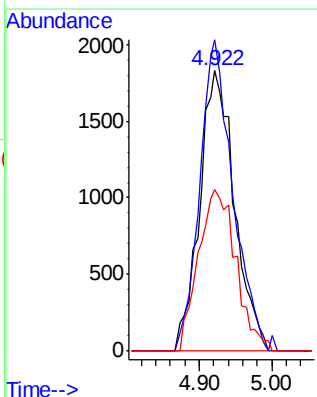
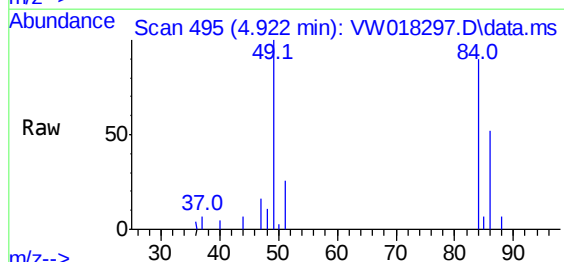
Instrument :
MSVOA_W
ClientSampled :
BG576

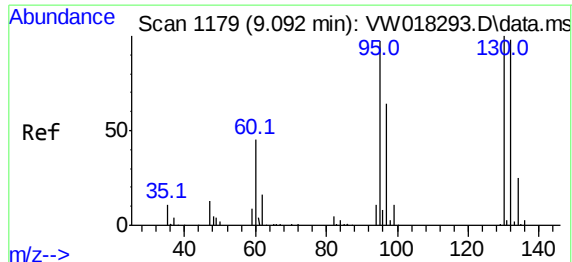
Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 64.8 0.0 62.2#



#16
Methylene chloride
Concen: 1.33 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

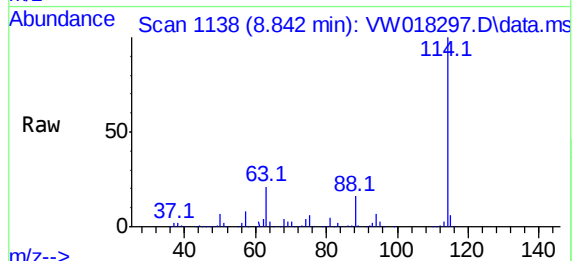
Tgt Ion: 84 Resp: 6076
Ion Ratio Lower Upper
84 100
49 111.0 74.4 138.2
86 57.7 46.1 85.7



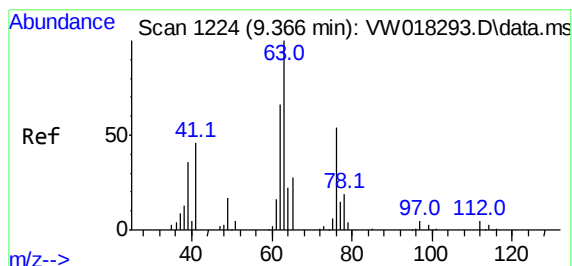
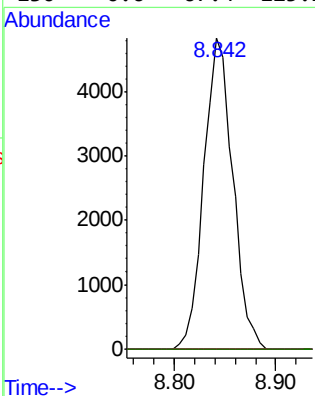
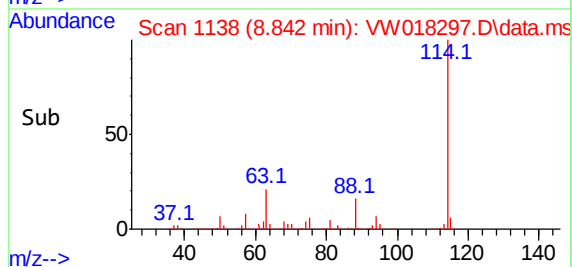


#35
Trichloroethene
Concen: 2.32 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

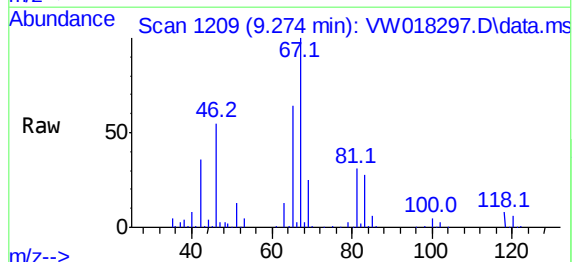
Instrument :
MSVOA_W
ClientSampleId :
BG576



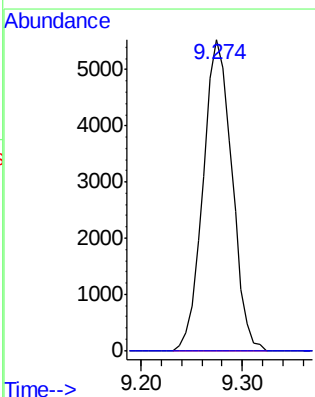
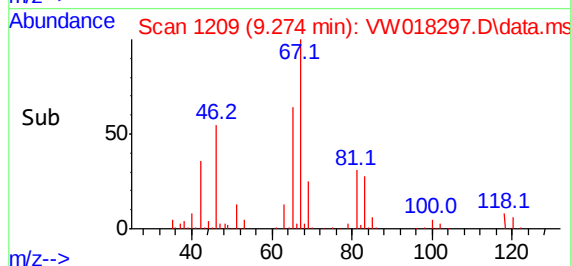
Tgt Ion: 95 Resp: 9529
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.6 67.4 125.2#

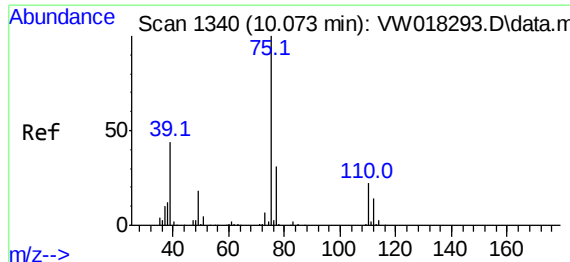


#40
1,2-Dichloropropane
Concen: 3.34 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20



Tgt Ion: 63 Resp: 10858
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

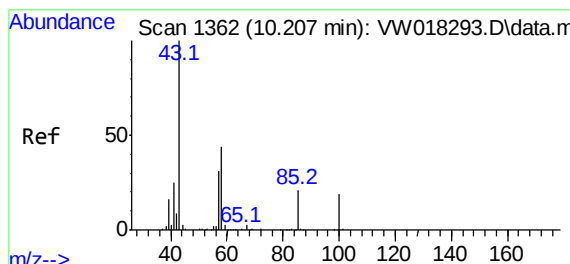
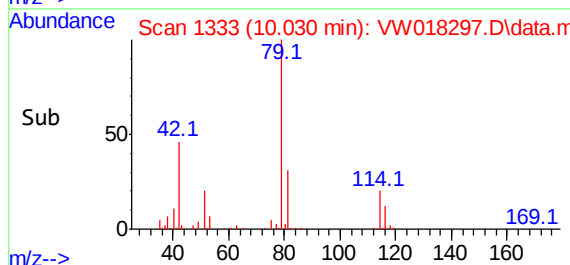
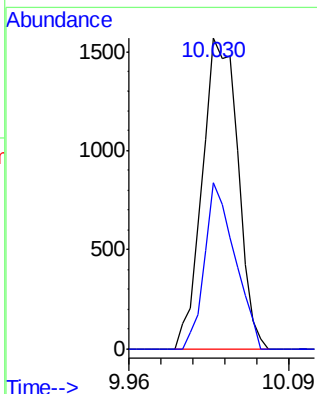
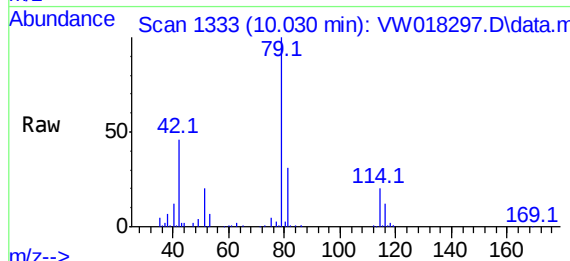




#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

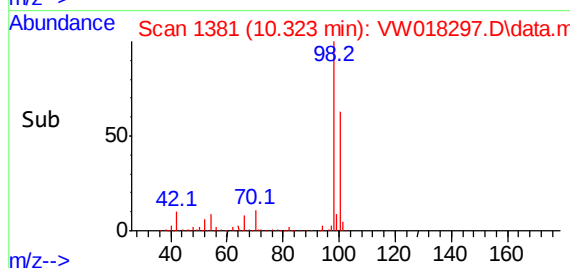
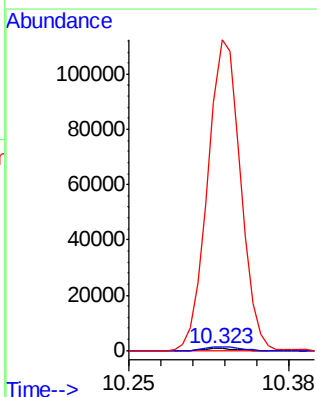
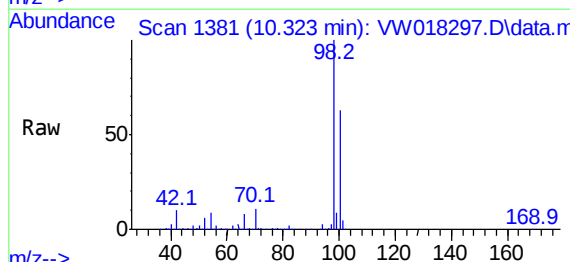
Instrument :
MSVOA_W
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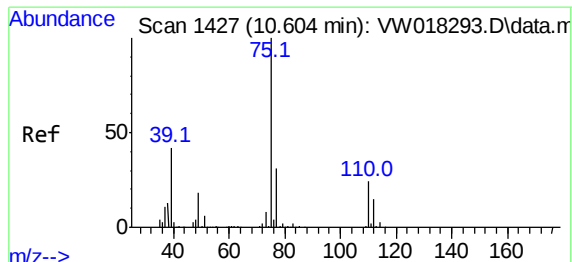
Tgt Ion: 75 Resp: 2978
Ion Ratio Lower Upper
75 100
77 53.6 22.4 41.6#



#43
4-Methyl-2-pentanone
Concen: 0.75 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 188.5 34.8 52.2#
100 15606.8 15.9 23.9#





#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018297.D
Acq: 11 Mar 2021 14:20

Instrument :
MSVOA_W
ClientSampleId :
BG576

Tgt Ion: 75 Resp: 1645
Ion Ratio Lower Upper
75 100
77 35.9 22.6 42.0

