

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018260.D
 Acq On : 09 Mar 2021 13:04
 Operator : SY/VA
 Sample : M1610-03
 Misc : 5.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG543

Quant Time: Mar 10 02:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

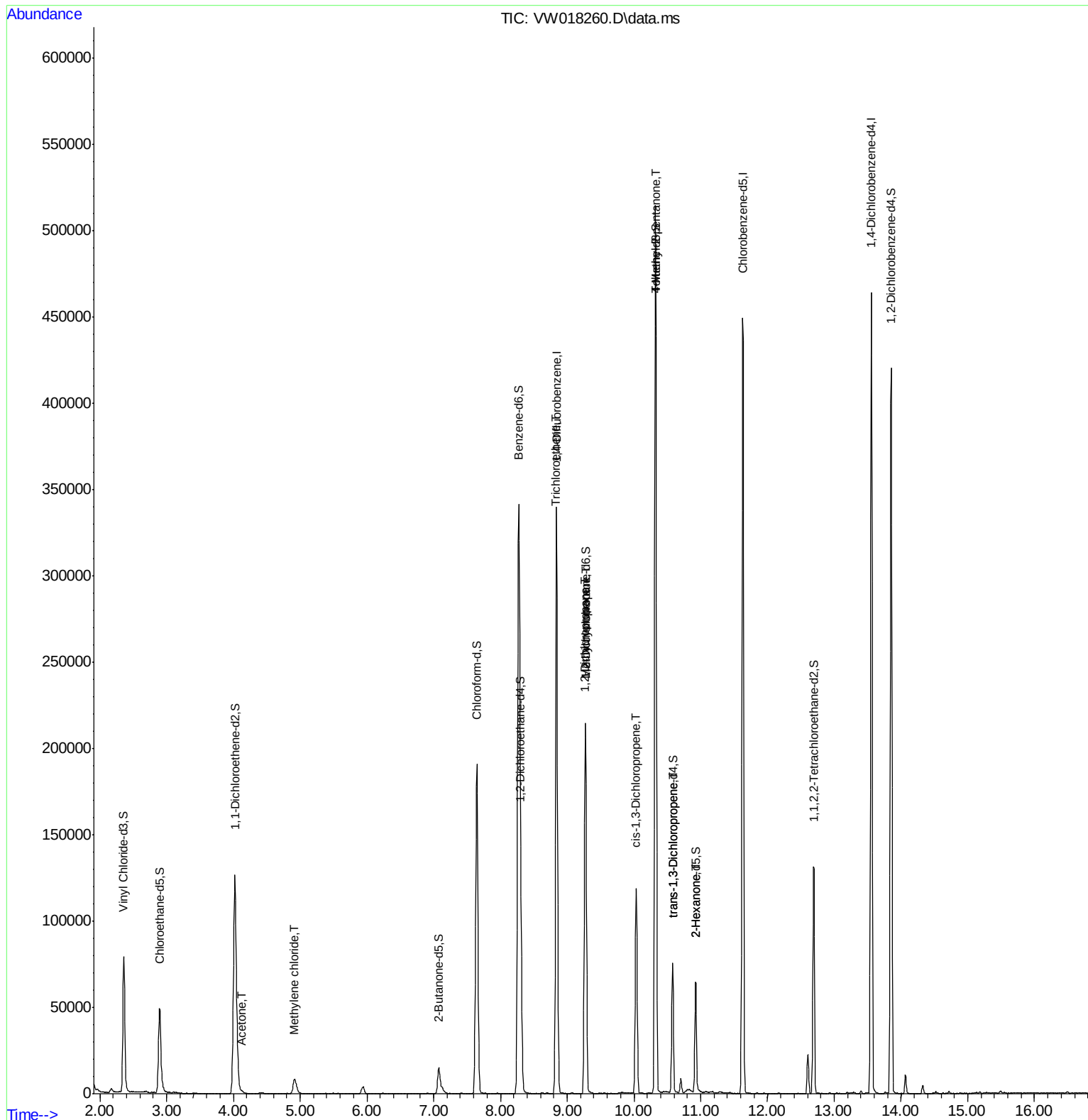
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	279730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	112489	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	88192	29.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	116.44%		
7) Chloroethane-d5	2.891	69	67641	27.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	110.00%		
10) 1,1-Dichloroethene-d2	4.019	63	142275	20.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.84%		
20) 2-Butanone-d5	7.080	46	26142	36.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.60%		
24) Chloroform-d	7.647	84	184752	24.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.52%		
26) 1,2-Dichloroethane-d4	8.305	65	95828	22.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.92%		
29) Benzene-d6	8.275	84	346424	26.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.36%		
33) 1,2-Dichloropropane-d6	9.274	67	90076	24.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.84%		
37) Toluene-d8	10.323	98	334972	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.56%		
38) trans-1,3-Dichloroprop...	10.579	79	41301	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.44%		
39) 2-Hexanone-d5	10.927	63	21836	36.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.02%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	62228	19.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	100860	24.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.68%		
Target Compounds						
13) Acetone	4.123	43	1055	1.87	ug/L	95
16) Methylene chloride	4.915	84	7477	1.75	ug/L	95
35) Trichloroethene	8.836	95	9236	2.22	ug/L #	6
36) Methylcyclohexane	9.274	83	25709	3.84	ug/L #	21
40) 1,2-Dichloropropane	9.268	63	12342	3.74	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3822	0.69	ug/L #	78
43) 4-Methyl-2-pentanone	10.323	43	1281	0.75	ug/L #	1
45) trans-1,3-Dichloropropene	10.579	75	2230	0.45	ug/L	85
49) 2-Hexanone	10.921	43	2747	2.32	ug/L #	65

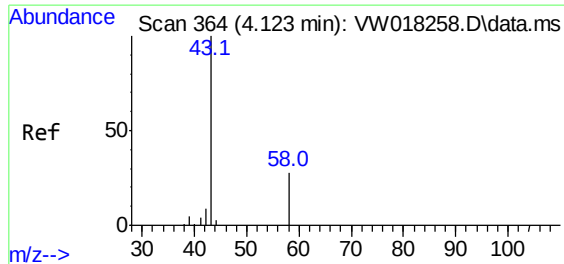
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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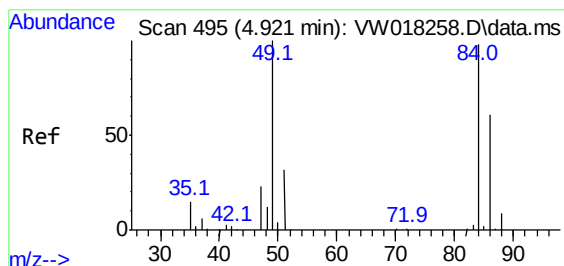
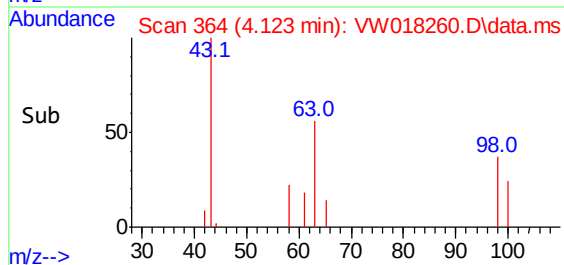
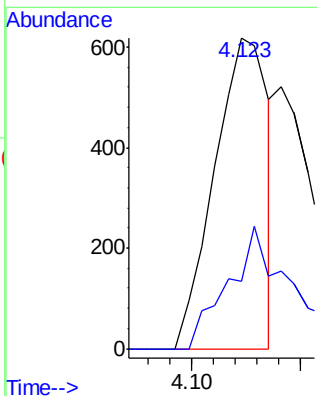
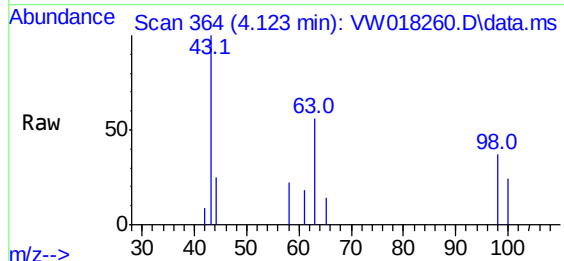




#13
Acetone
Concen: 1.87 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

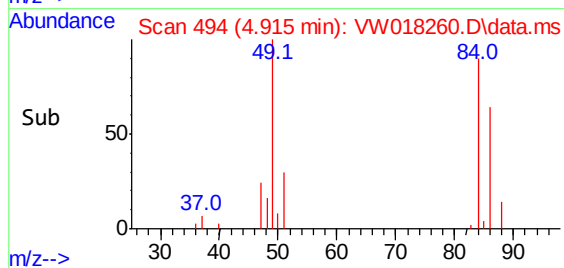
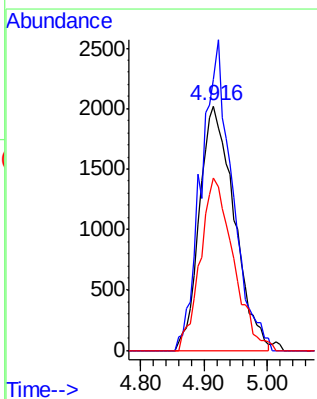
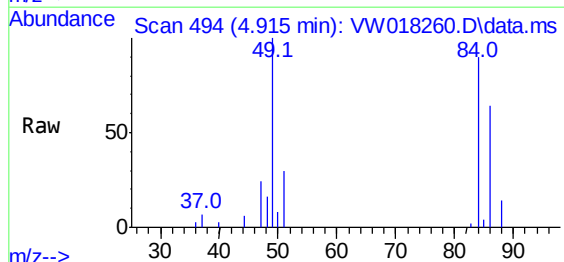
Instrument :
MSVOA_W
ClientSampled :
BG543

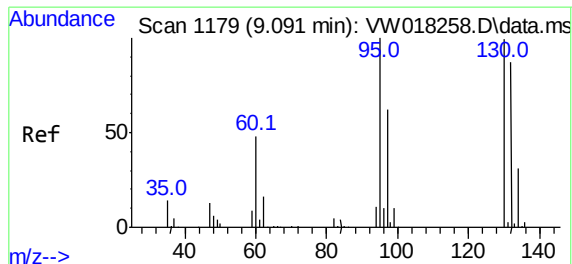
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 28.4 0.0 62.2



#16
Methylene chloride
Concen: 1.75 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

Tgt Ion: 84 Resp: 7477
Ion Ratio Lower Upper
84 100
49 110.9 74.4 138.2
86 70.5 46.1 85.7

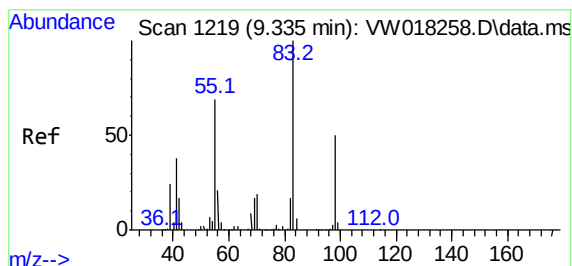
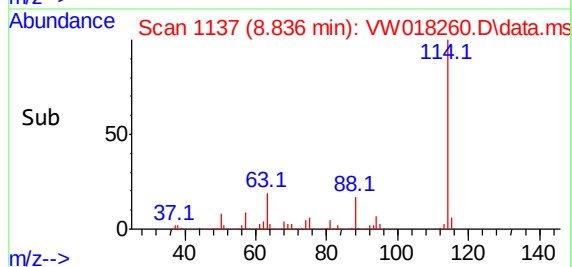
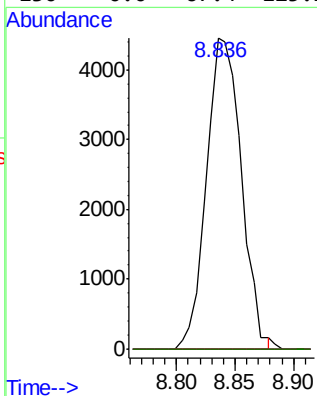
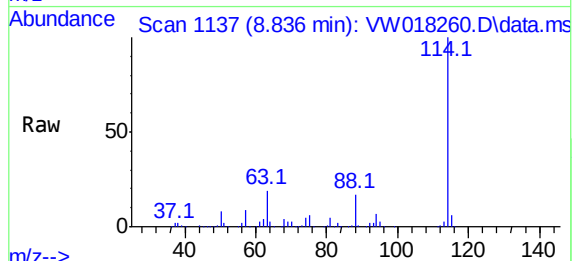




#35
Trichloroethene
Concen: 2.22 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

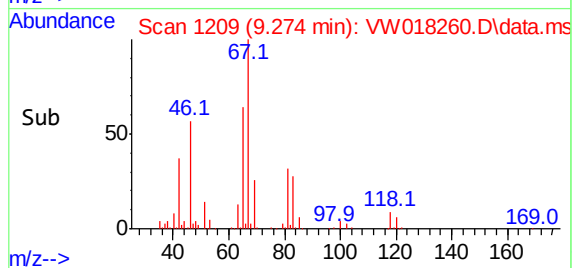
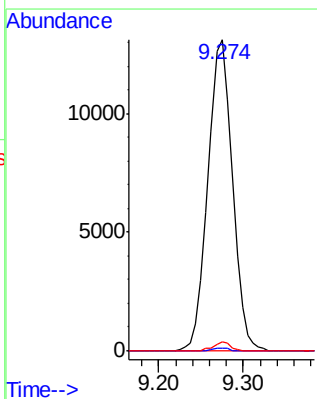
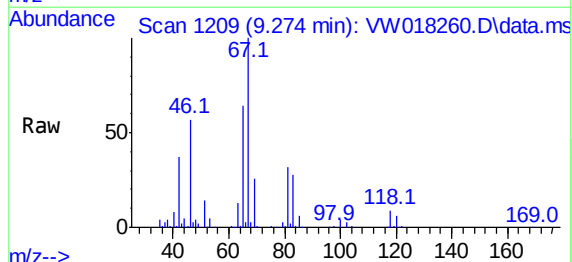
Instrument :
MSVOA_W
ClientSampleId :
BG543

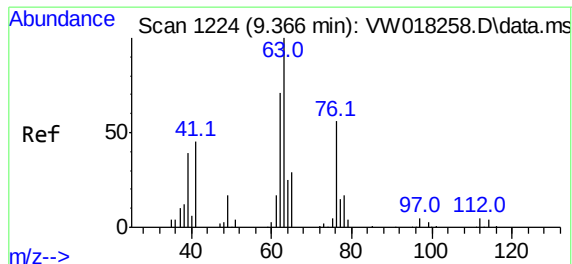
Tgt Ion: 95 Resp: 9236
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#36
Methylcyclohexane
Concen: 3.84 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

Tgt Ion: 83 Resp: 25709
Ion Ratio Lower Upper
83 100
55 0.5 56.8 85.2#
98 1.7 40.6 61.0#

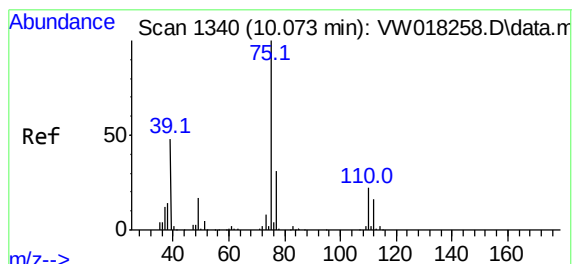
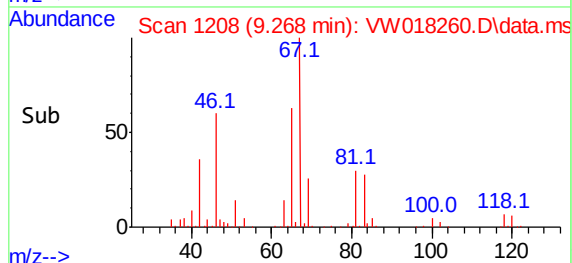
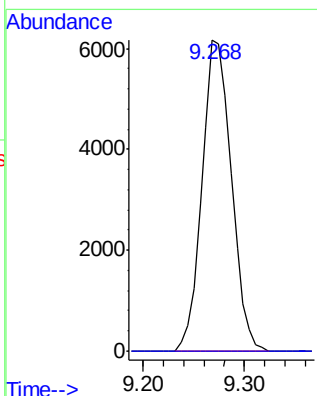
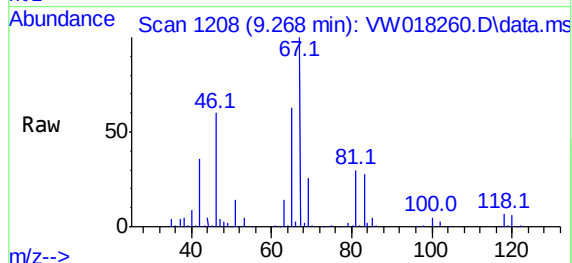




#40
1,2-Dichloropropane
Concen: 3.74 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

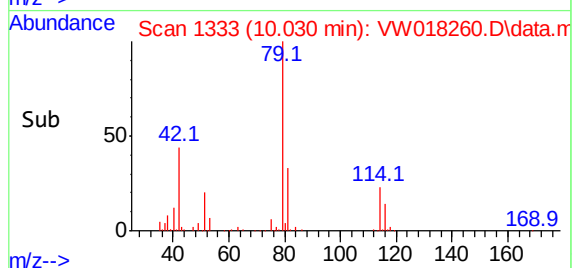
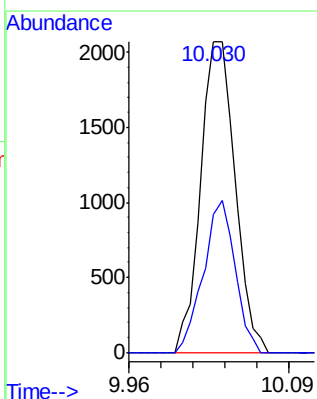
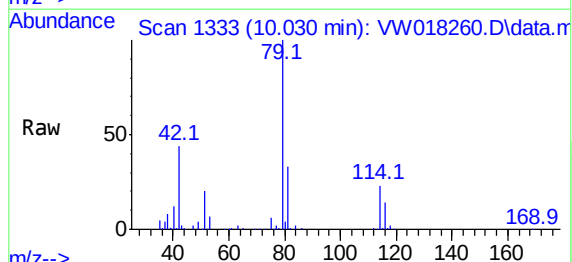
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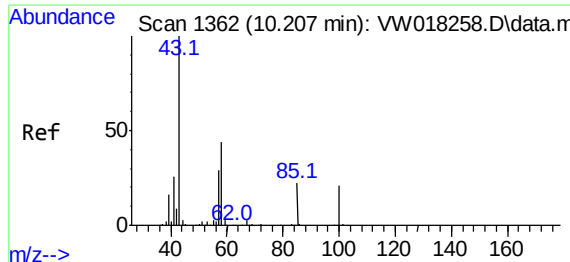
Tgt Ion: 63 Resp: 12342
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.69 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

Tgt Ion: 75 Resp: 3822
Ion Ratio Lower Upper
75 100
77 44.5 22.4 41.6#

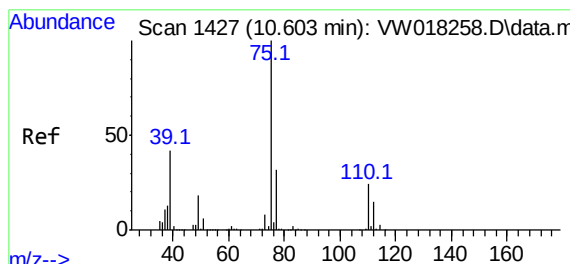
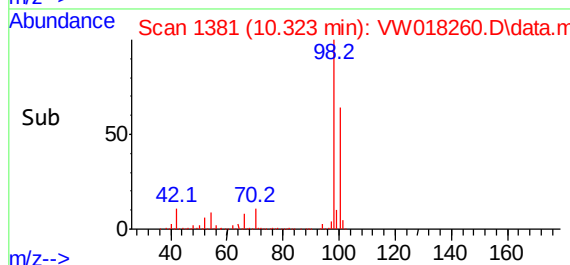
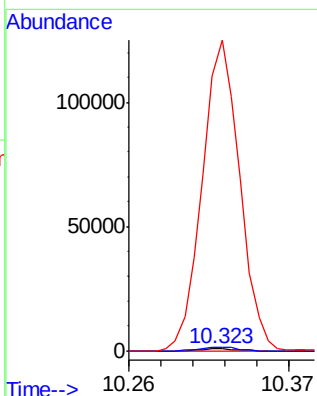
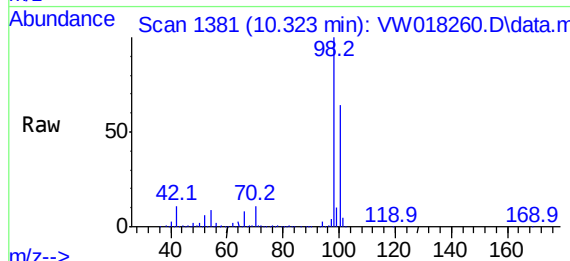




#43
4-Methyl-2-pentanone
Concen: 0.75 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

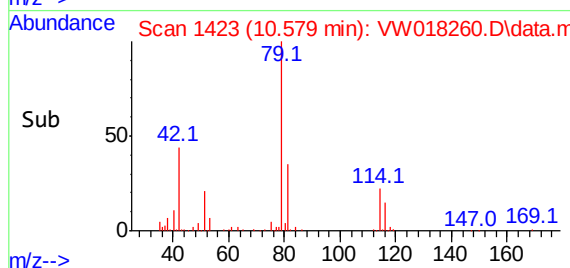
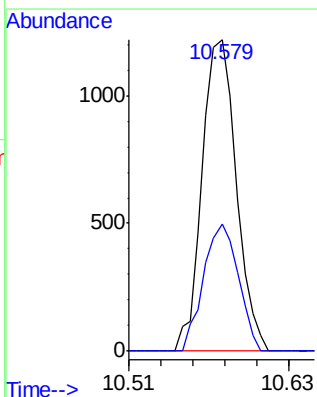
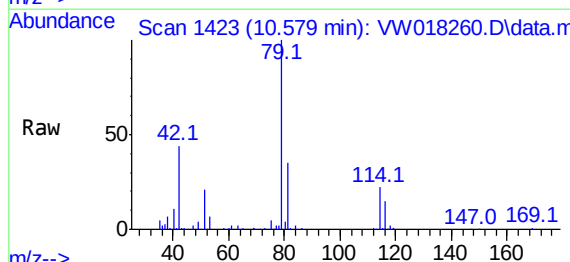
Instrument :
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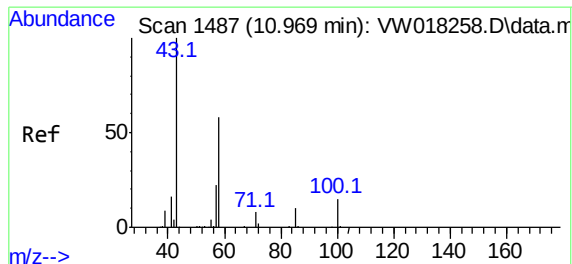
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 194.7 34.8 52.2#
100 16725.8 15.9 23.9#



#45
trans-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

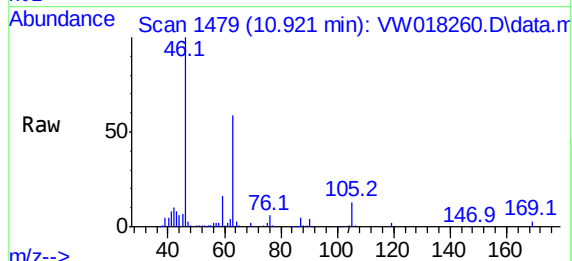
Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
77 40.5 22.6 42.0





#49
2-Hexanone
Concen: 2.32 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018260.D
Acq: 09 Mar 2021 13:04

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Tgt Ion: 43 Resp: 2747

Ion	Ratio	Lower	Upper
43	100		
58	27.2	47.3	70.9#
57	27.7	17.3	25.9#
100	0.8	12.9	19.3#

