

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018136.D
 Acq On : 15 Feb 2021 15:28
 Operator : SY/VA
 Sample : M1370-09RE
 Misc : 7.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY5RE

Quant Time: Feb 16 02:24:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

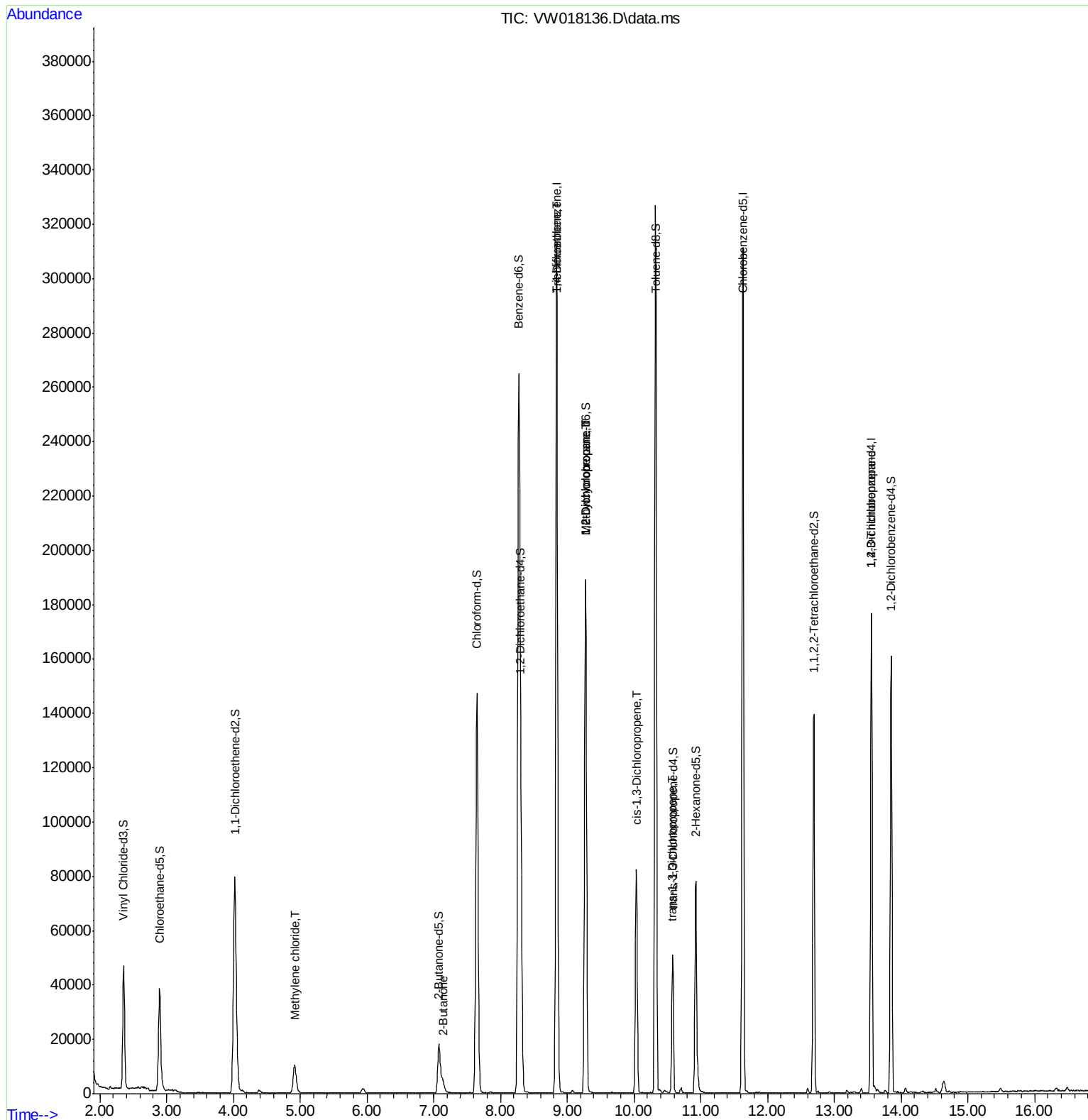
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	279546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	189659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	49213	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51418	14.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.20%		
7) Chloroethane-d5	2.891	69	50626	18.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.44%		
10) 1,1-Dichloroethene-d2	4.025	63	84981	12.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.96%		
20) 2-Butanone-d5	7.079	46	30920	33.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.70%		
24) Chloroform-d	7.646	84	156624	21.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.40%		
26) 1,2-Dichloroethane-d4	8.305	65	83875	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.88%		
29) Benzene-d6	8.274	84	285130	27.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.52%		
33) 1,2-Dichloropropane-d6	9.274	67	89449	30.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.84%#		
37) Toluene-d8	10.323	98	221654	22.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.48%		
38) trans-1,3-Dichloroprop...	10.579	79	29631	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.76%		
39) 2-Hexanone-d5	10.926	63	27347	49.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.22%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	69410	27.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	45015	25.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.56%		
Target Compounds						
16) Methylene chloride	4.921	84	8866	1.98	ug/L	98
21) 2-Butanone	7.140	43	3898	3.73	ug/L #	46
35) Trichloroethene	8.841	95	7957	2.55	ug/L #	3
36) Methylcyclohexane	9.274	83	23678	4.51	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	10109	3.97	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2221	0.54	ug/L #	76
45) trans-1,3-Dichloropropene	10.573	75	1265	0.35	ug/L	95
59) 1,2,3-Trichloropropane	13.554	75	5108	2.62	ug/L	97

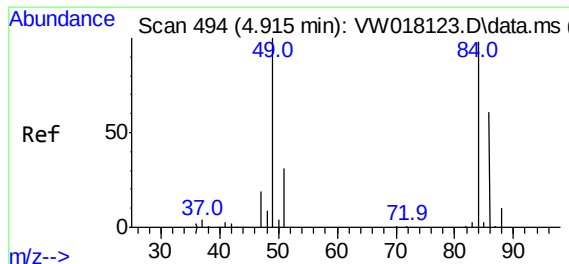
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBGY5RE

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Quant Title : VOC Analysis
QLast Update : Tue Feb 16 02:20:15 2021
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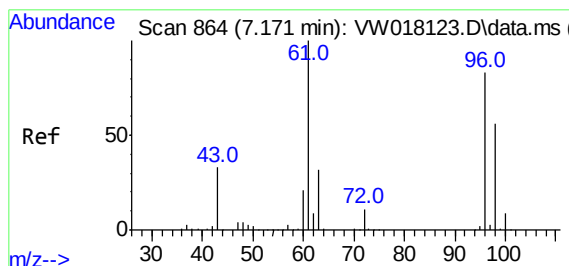
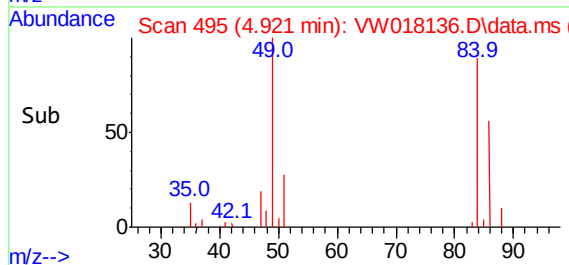
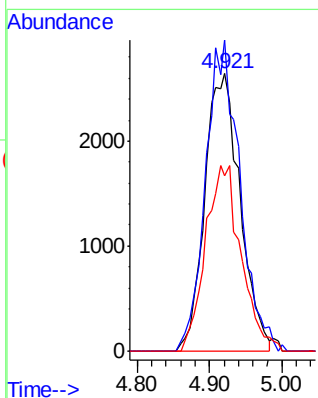
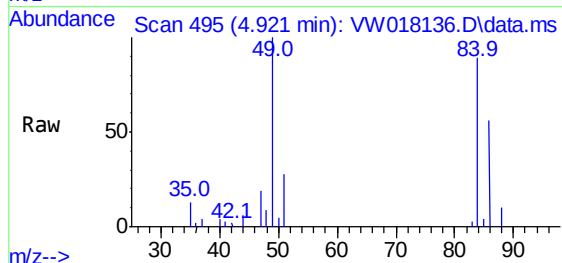


#16
Methylene chloride
Concen: 1.98 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Instrument :
MSVOA_W
ClientSampleId :
DBGY5RE

Tgt Ion: 84 Resp: 8866

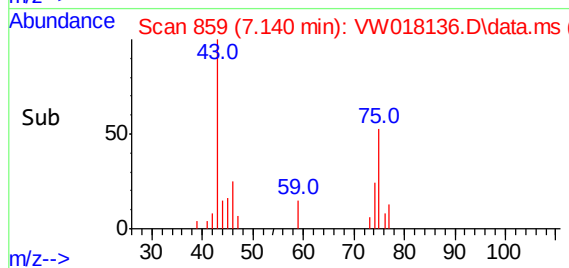
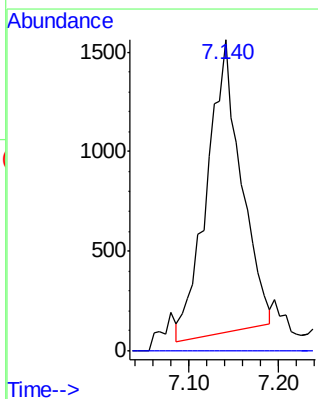
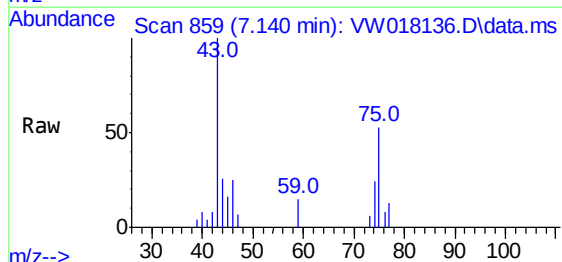
Ion	Ratio	Lower	Upper
84	100		
49	112.2	81.2	150.8
86	63.4	44.5	82.7

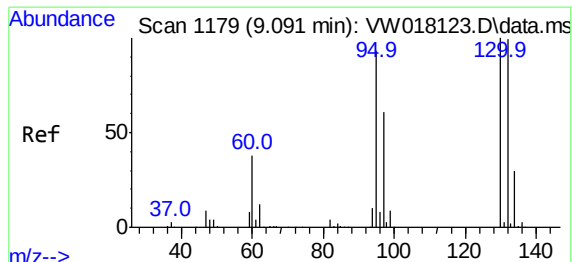


#21
2-Butanone
Concen: 3.73 ug/L
RT: 7.140 min Scan# 859
Delta R.T. -0.031 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 43 Resp: 3898

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

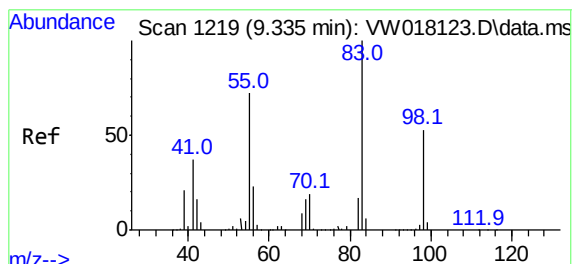
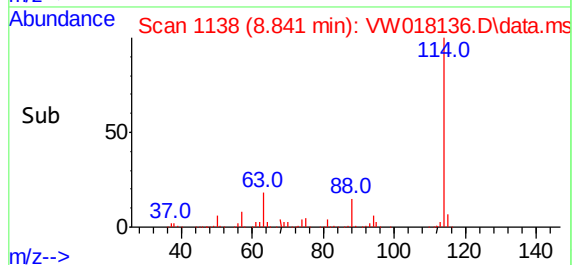
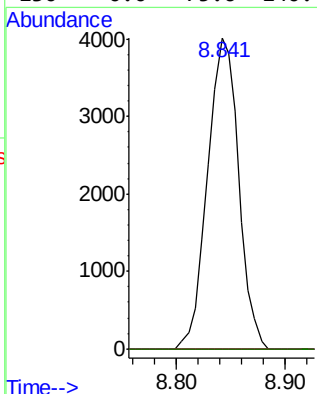
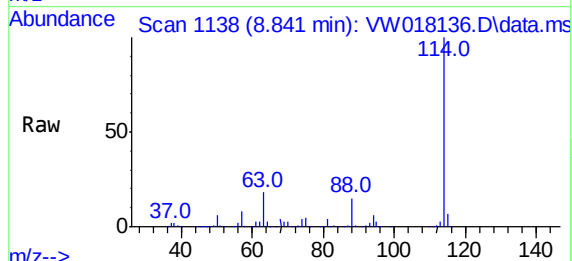




#35
Trichloroethene
Concen: 2.55 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

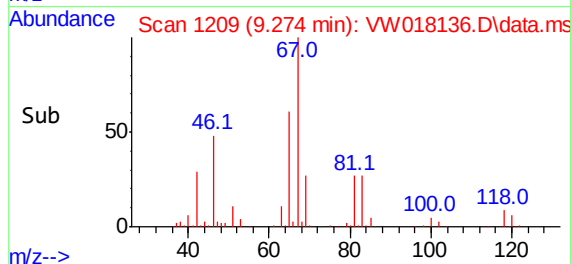
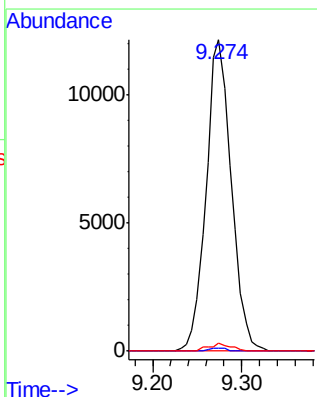
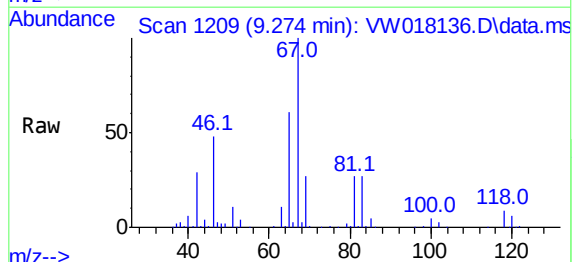
Instrument :
MSVOA_W
ClientSampled :
DBGY5RE

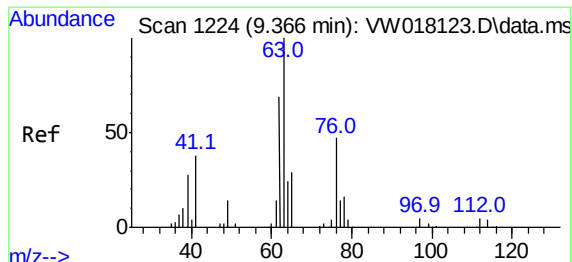
Tgt Ion: 95 Resp: 7957
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 4.51 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 83 Resp: 23678
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.4 40.7 61.1#

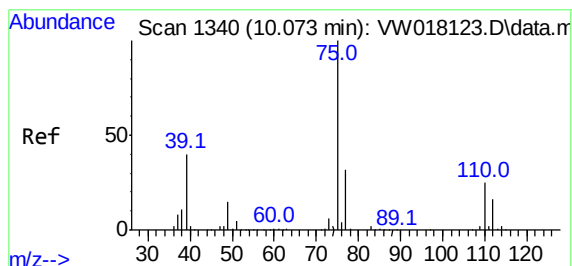
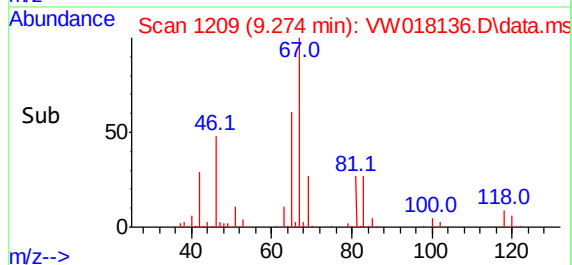
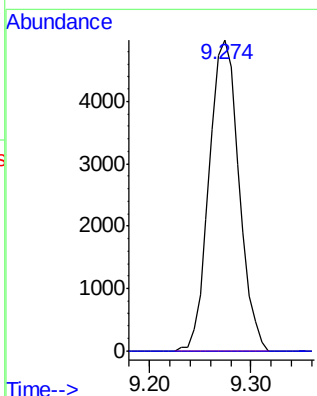
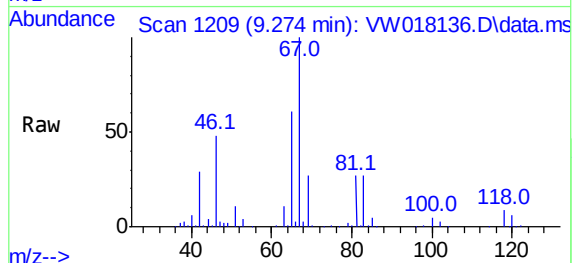




#40
1,2-Dichloropropane
Concen: 3.97 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

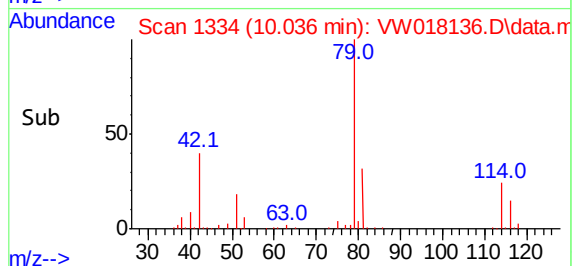
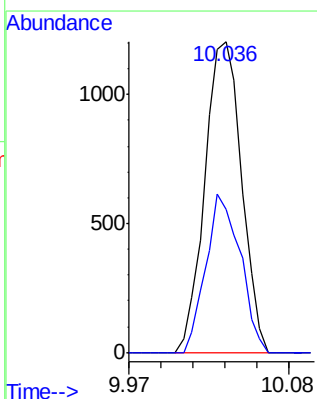
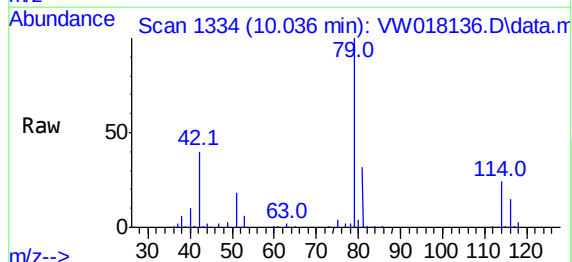
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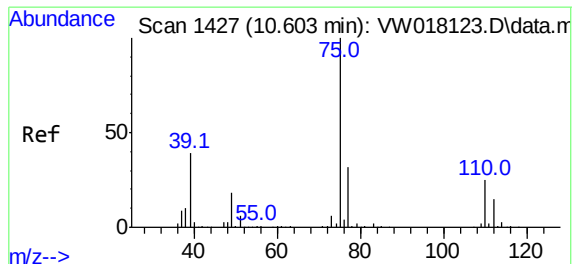
Tgt Ion: 63 Resp: 10109
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 75 Resp: 2221
Ion Ratio Lower Upper
75 100
77 46.1 22.7 42.3#

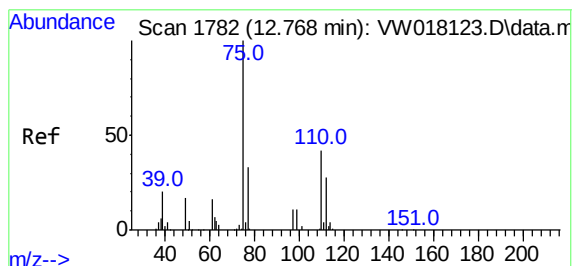
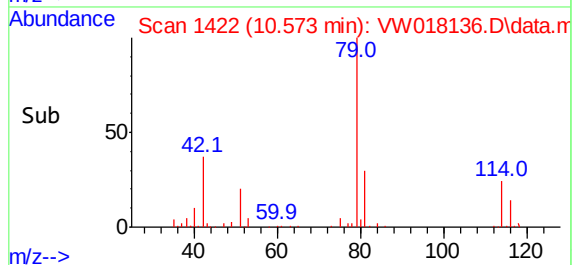
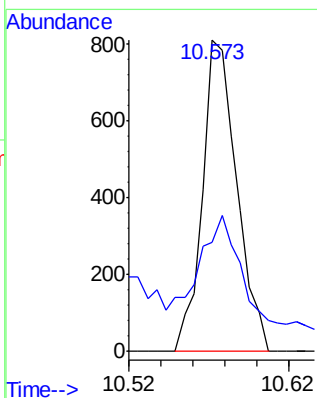
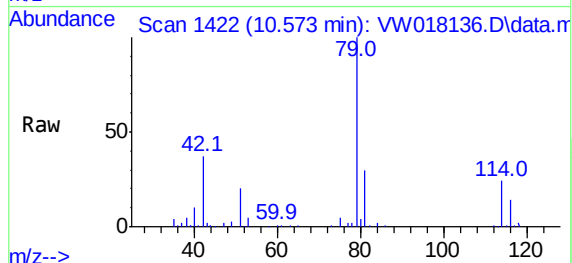




#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Instrument :
MSVOA_W
ClientSampled :
DBGY5RE

Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
77 35.1 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 2.62 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 75 Resp: 5108
Ion Ratio Lower Upper
75 100
77 34.7 26.6 39.8

