

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018141.D
 Acq On : 15 Feb 2021 17:28
 Operator : SY/VA
 Sample : M1370-18RE
 Misc : 5.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ6

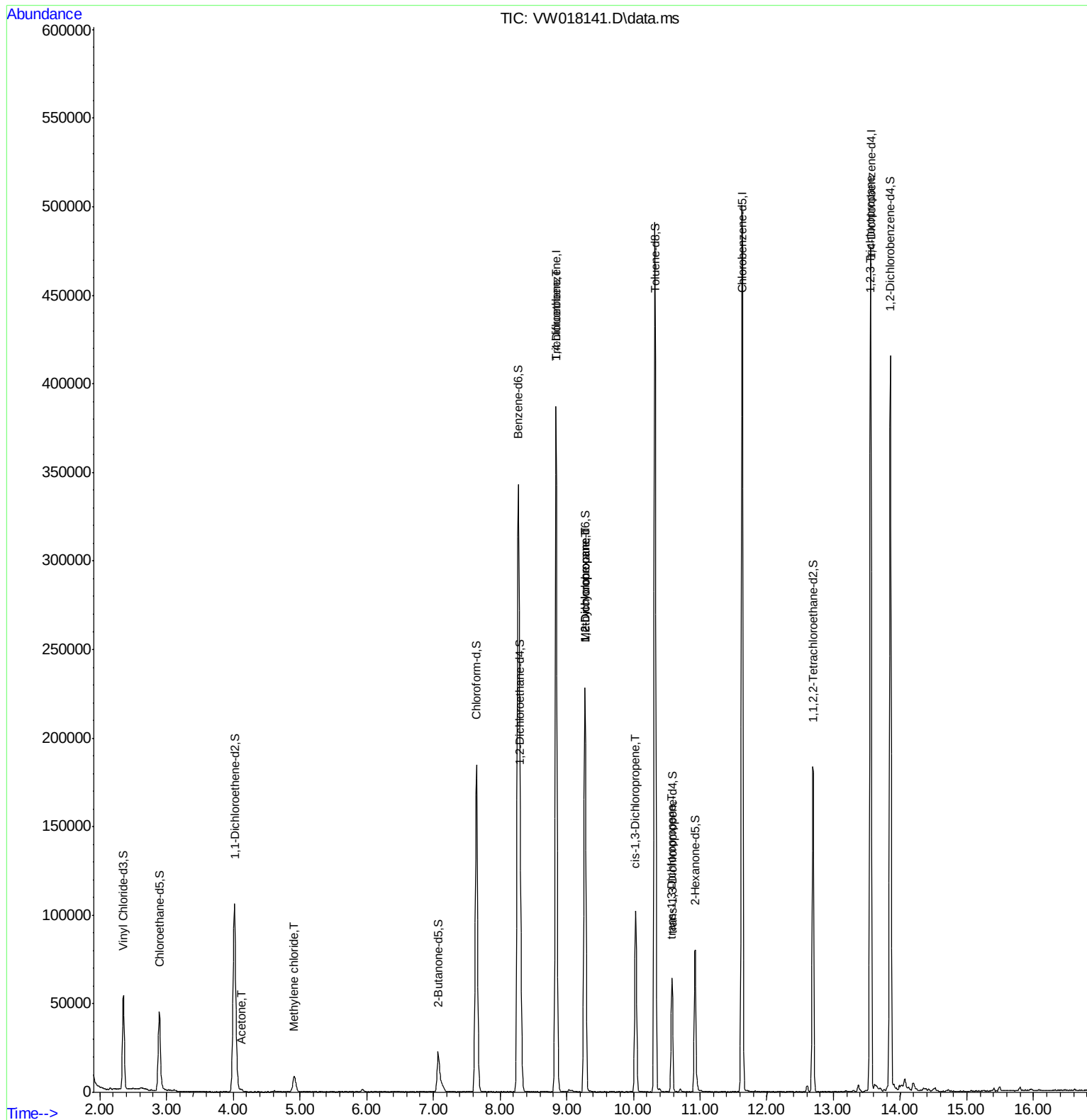
Quant Time: Feb 16 02:26:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

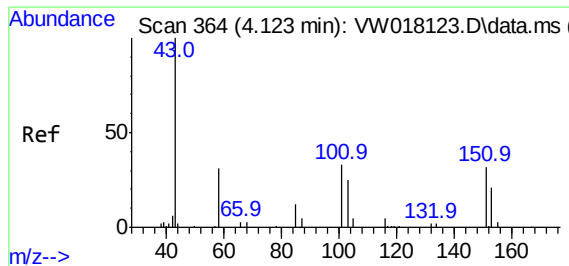
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	347090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	297515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	134294	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	59539	13.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.20%		
7) Chloroethane-d5	2.892	69	57537	16.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.24%		
10) 1,1-Dichloroethene-d2	4.019	63	109940	12.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.00%		
20) 2-Butanone-d5	7.074	46	37410	32.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.00%		
24) Chloroform-d	7.647	84	192767	21.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.64%		
26) 1,2-Dichloroethane-d4	8.305	65	102076	21.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.16%		
29) Benzene-d6	8.275	84	364124	22.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.16%		
33) 1,2-Dichloropropane-d6	9.275	67	108455	23.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.96%		
37) Toluene-d8	10.323	98	332382	21.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.52%		
38) trans-1,3-Dichloroprop...	10.579	79	38156	18.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.68%		
39) 2-Hexanone-d5	10.921	63	28817	32.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.98%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	91929	22.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	113691	23.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.92%		
Target Compounds						Qvalue
13) Acetone	4.123	43	2609	3.06	ug/L	96
16) Methylene chloride	4.916	84	8098	1.46	ug/L	90
35) Trichloroethene	8.842	95	10301	2.10	ug/L #	3
36) Methylcyclohexane	9.275	83	28673	3.48	ug/L #	20
40) 1,2-Dichloropropane	9.275	63	11953	3.00	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	2643	0.41	ug/L #	75
45) trans-1,3-Dichloropropene	10.573	75	1750	0.31	ug/L	85
59) 1,2,3-Trichloropropane	13.554	75	13320	4.36	ug/L	97

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

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Response via : Initial Calibration

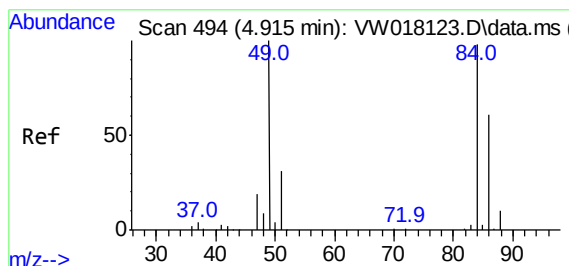
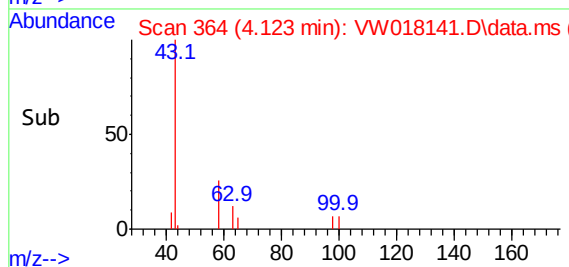
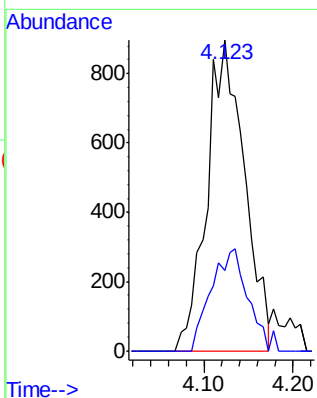
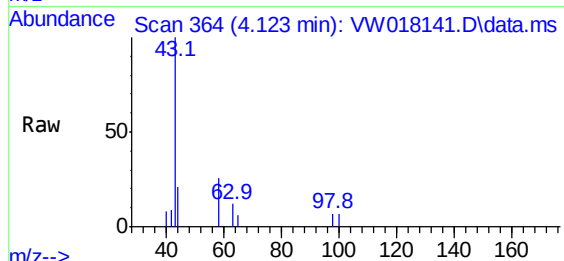




#13
Acetone
Concen: 3.06 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

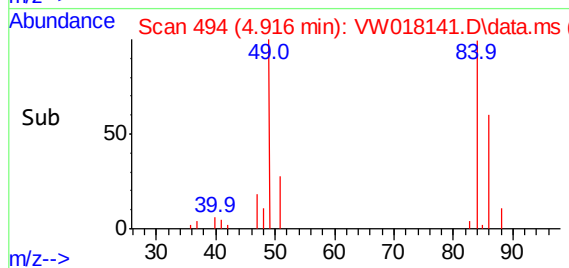
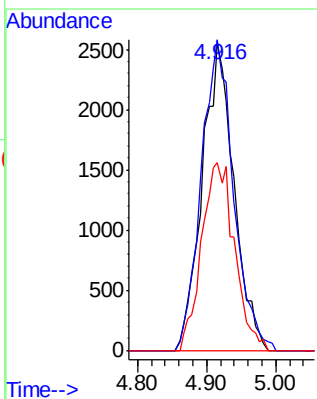
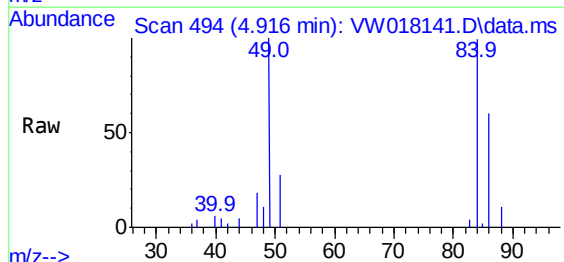
Instrument :
MSVOA_W
ClientSampled :
DBGZ6

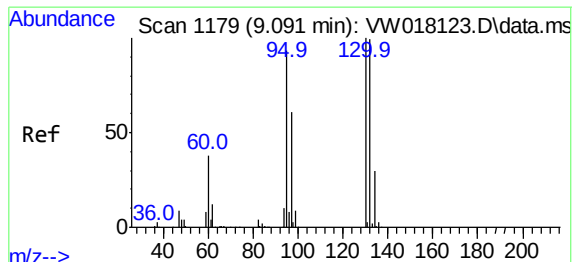
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 31.6 0.0 68.4



#16
Methylene chloride
Concen: 1.46 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 84 Resp: 8098
Ion Ratio Lower Upper
84 100
49 101.1 81.2 150.8
86 60.9 44.5 82.7

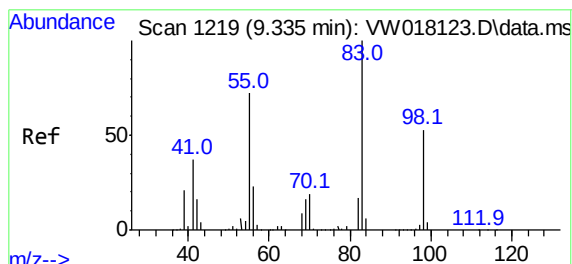
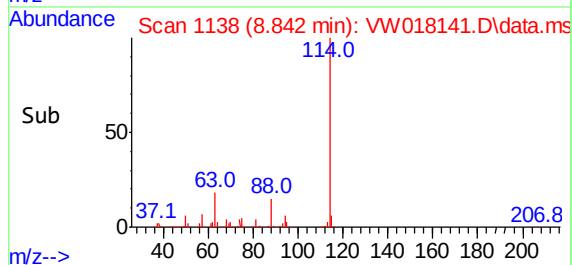
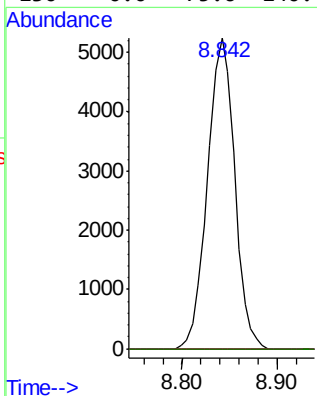
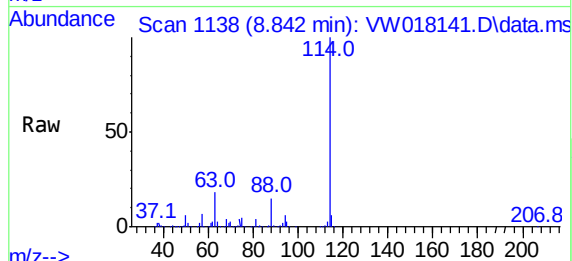




#35
Trichloroethene
Concen: 2.10 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

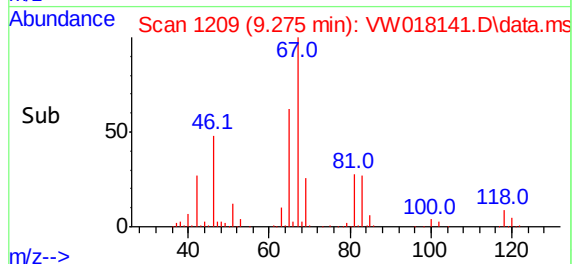
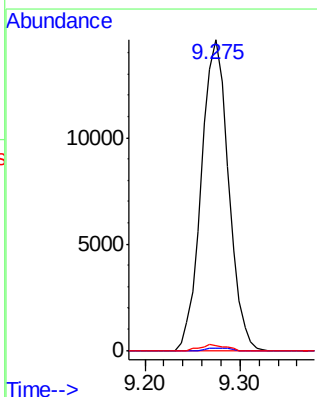
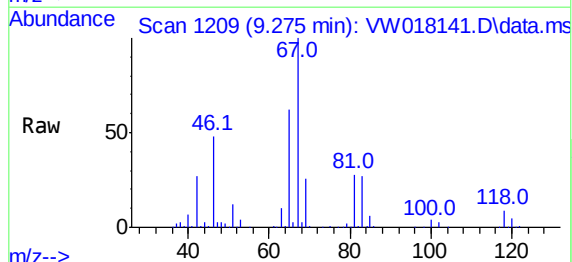
Instrument :
MSVOA_W
ClientSampleId :
DBGZ6

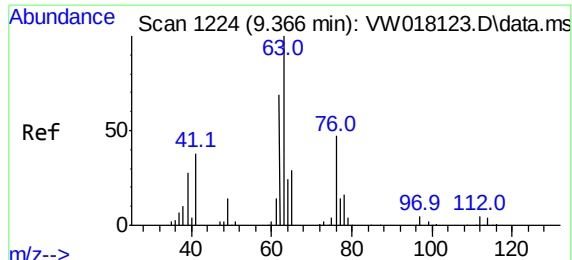
Tgt Ion: 95 Resp: 10301
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 3.48 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 83 Resp: 28673
Ion Ratio Lower Upper
83 100
55 0.6 59.4 89.0#
98 1.6 40.7 61.1#

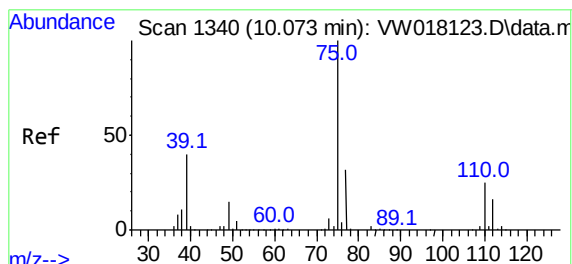
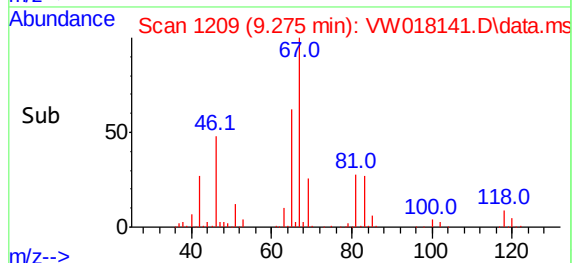
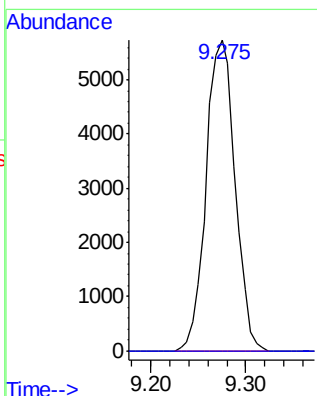
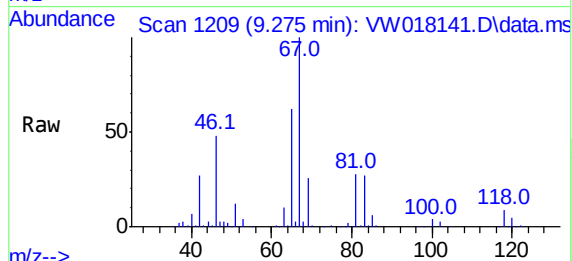




#40
1,2-Dichloropropane
Concen: 3.00 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

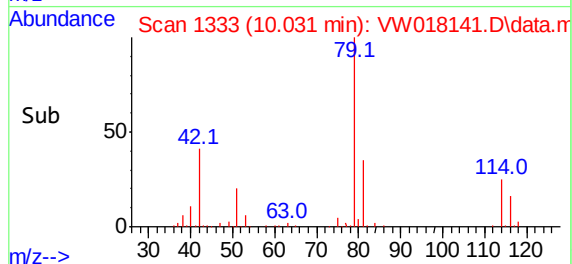
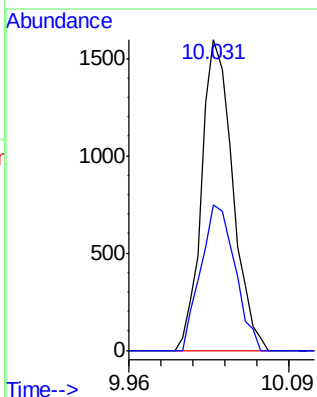
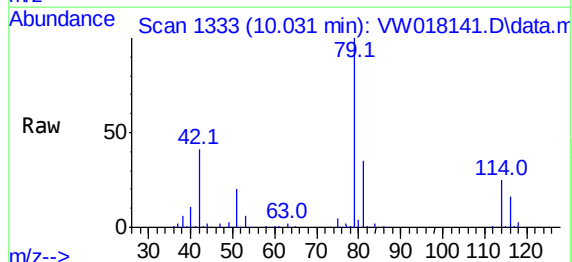
Instrument :
MSVOA_W
ClientSampleId :
DBGZ6

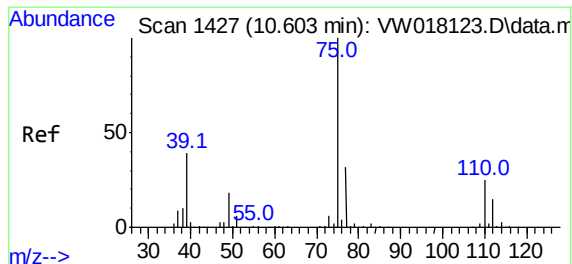
Tgt Ion: 63 Resp: 11953
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 75 Resp: 2643
Ion Ratio Lower Upper
75 100
77 46.7 22.7 42.3#

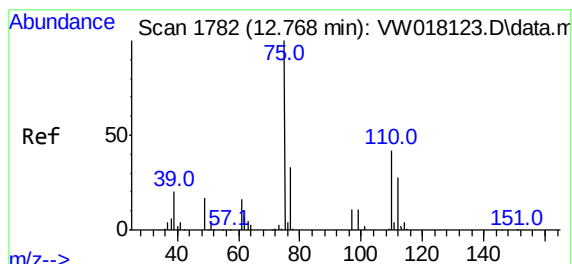
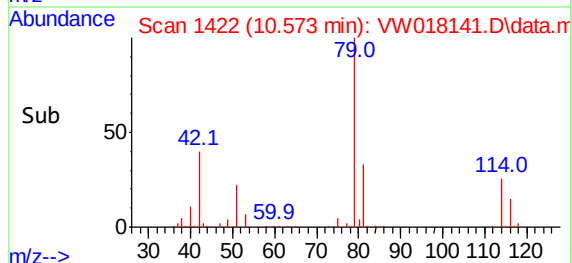
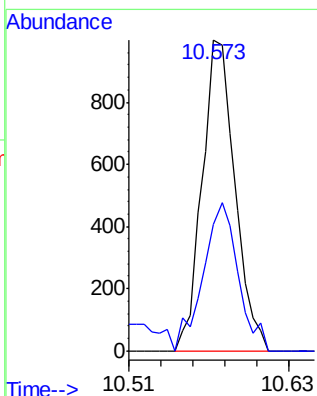
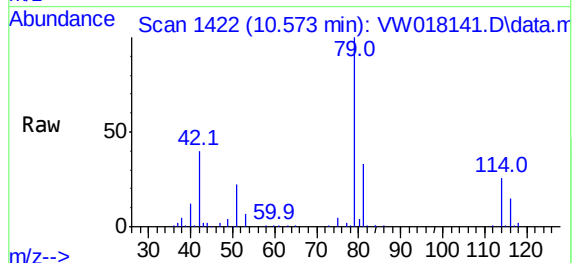




#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

Instrument :
MSVOA_W
ClientSampleID :
DBGZ6

Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 40.6 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 4.36 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018141.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 75 Resp: 13320
Ion Ratio Lower Upper
75 100
77 34.8 26.6 39.8

