

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018165.D
 Acq On : 16 Feb 2021 16:15
 Operator : SY/VA
 Sample : M1414-07
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX3

Quant Time: Feb 17 01:07:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

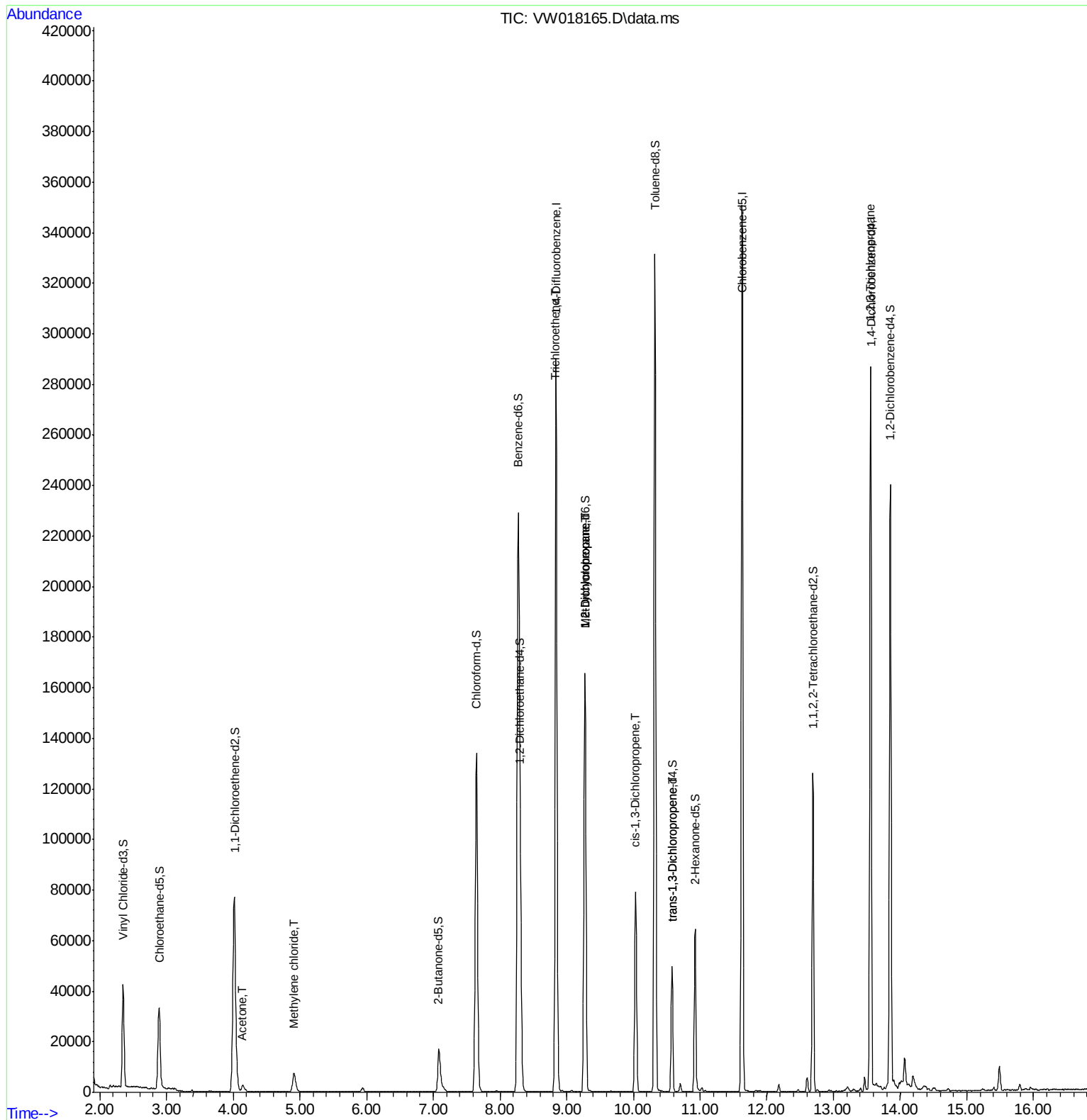
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	209802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	81606	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44302	13.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.12%		
7) Chloroethane-d5	2.892	69	42690	16.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.96%		
10) 1,1-Dichloroethene-d2	4.019	63	80276	12.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.96%		
20) 2-Butanone-d5	7.080	46	28941	33.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.48%		
24) Chloroform-d	7.647	84	142893	21.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.24%		
26) 1,2-Dichloroethane-d4	8.305	65	73974	20.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.88%		
29) Benzene-d6	8.275	84	247652	21.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.00%		
33) 1,2-Dichloropropane-d6	9.275	67	78716	24.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.72%		
37) Toluene-d8	10.323	98	229280	20.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.68%		
38) trans-1,3-Dichloroprop...	10.579	79	28670	19.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.52%		
39) 2-Hexanone-d5	10.927	63	23573	38.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.54%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	59338	20.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	66770	22.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.76%		
Target Compounds						
13) Acetone	4.141	43	4884	7.70	ug/L	70
16) Methylene chloride	4.916	84	6569	1.59	ug/L	88
35) Trichloroethene	8.836	95	7510	2.17	ug/L #	3
36) Methylcyclohexane	9.275	83	21047	3.62	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	8816	3.13	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	2061	0.45	ug/L #	79
45) trans-1,3-Dichloropropene	10.579	75	1221	0.31	ug/L #	74
59) 1,2,3-Trichloropropane	13.554	75	8145	3.78	ug/L	94

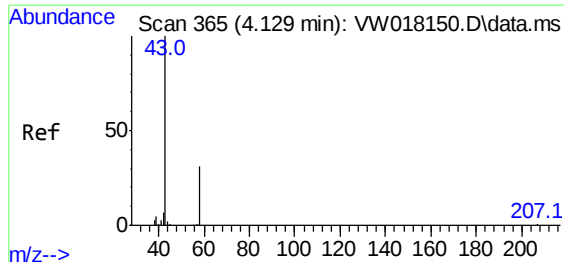
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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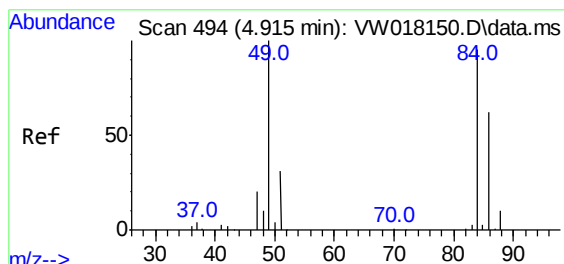
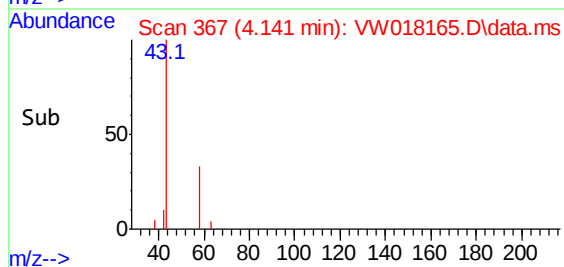
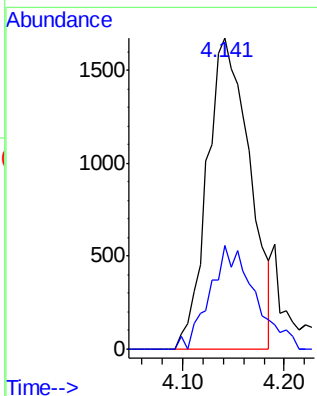
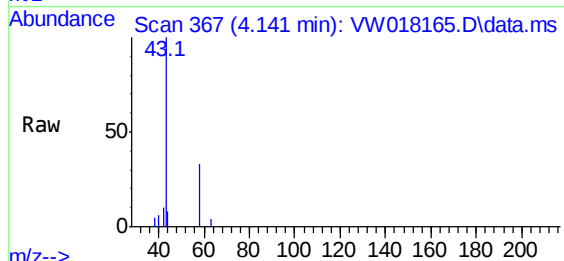




#13
Acetone
Concen: 7.70 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

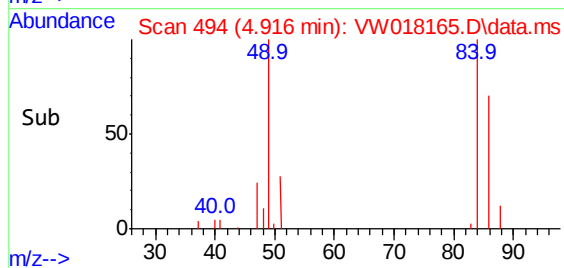
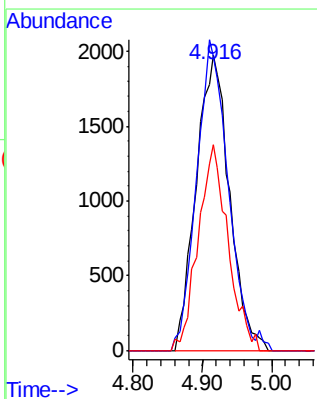
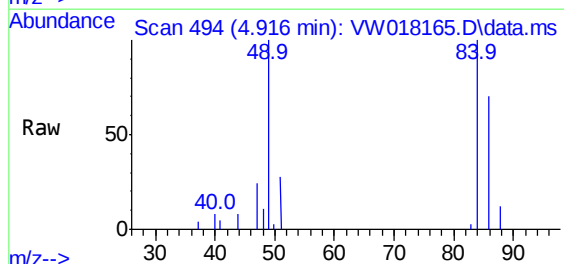
Instrument :
MSVOA_W
ClientSampled :
DBGX3

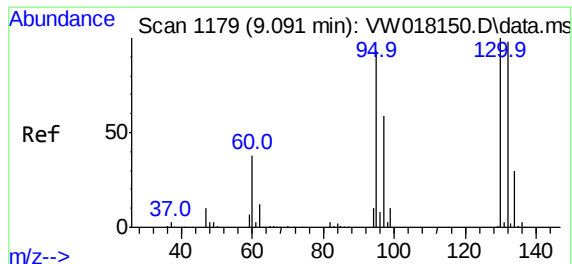
Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 17.0 0.0 68.4



#16
Methylene chloride
Concen: 1.59 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Tgt Ion: 84 Resp: 6569
Ion Ratio Lower Upper
84 100
49 99.6 81.2 150.8
86 69.7 44.5 82.7



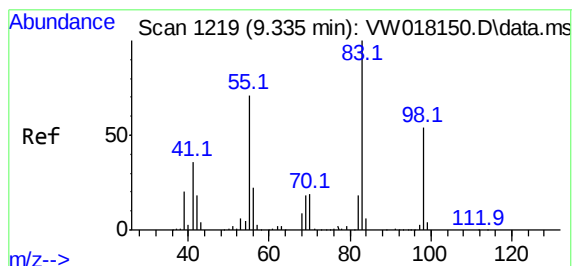
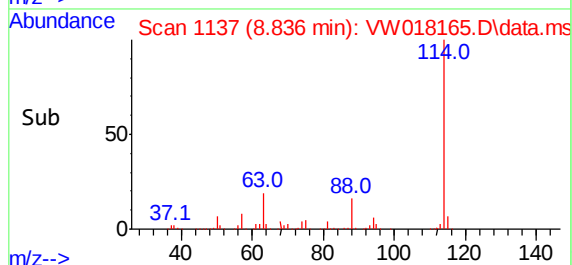
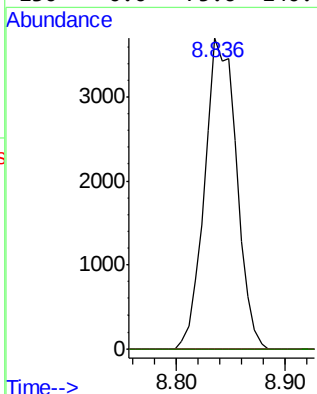
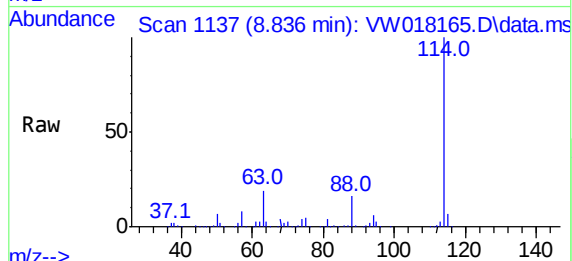


#35
Trichloroethene
Concen: 2.17 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Instrument :
MSVOA_W
ClientSampleId :
DBGX3

Tgt Ion: 95 Resp: 7510

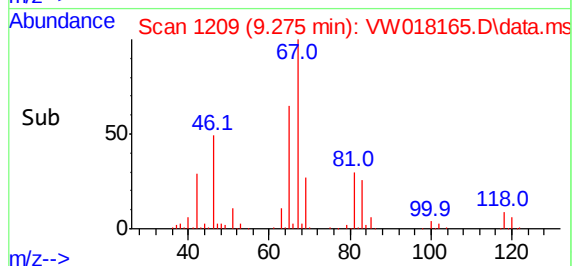
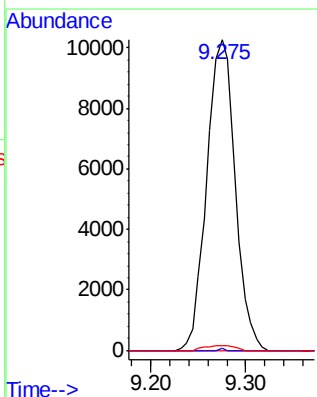
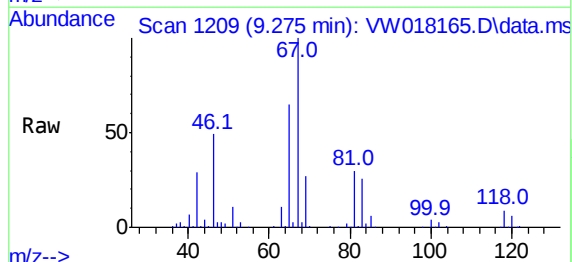
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

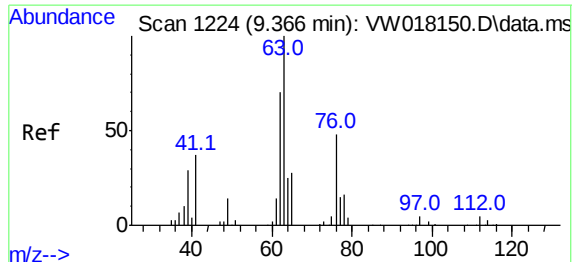


#36
Methylcyclohexane
Concen: 3.62 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Tgt Ion: 83 Resp: 21047

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.6	40.7	61.1#

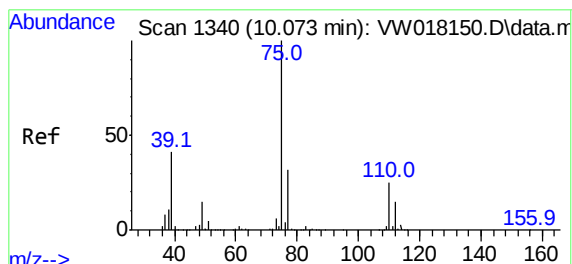
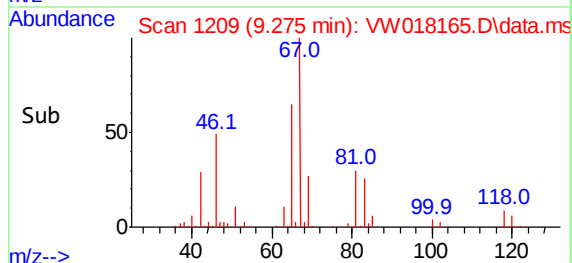
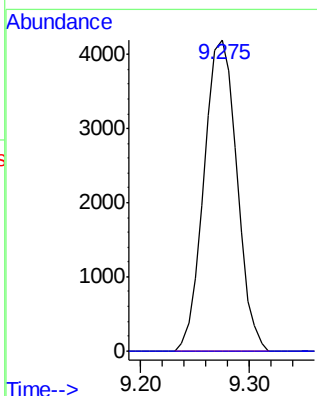
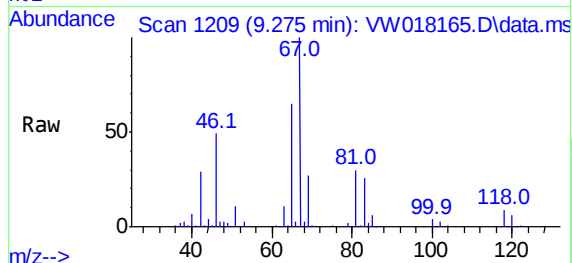




#40
1,2-Dichloropropane
Concen: 3.13 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

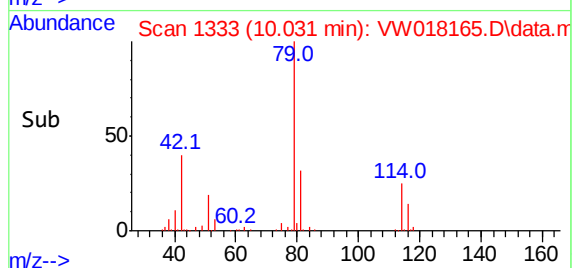
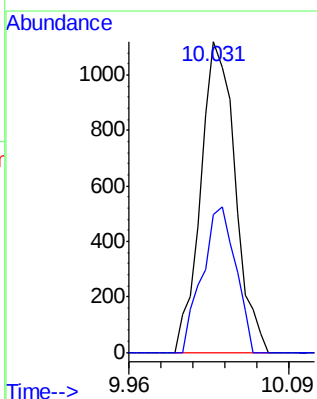
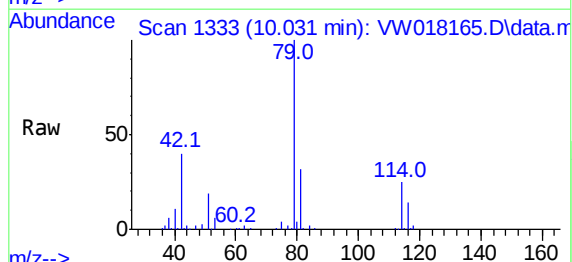
Instrument :
MSVOA_W
ClientSampled :
DBGX3

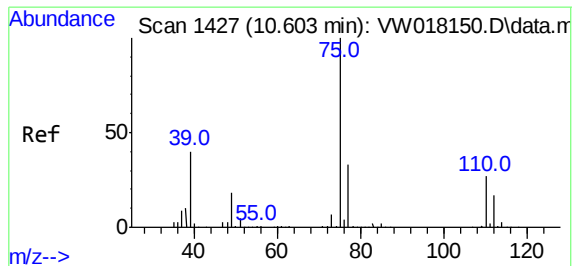
Tgt Ion: 63 Resp: 8816
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Tgt Ion: 75 Resp: 2061
Ion Ratio Lower Upper
75 100
77 44.4 22.7 42.3#



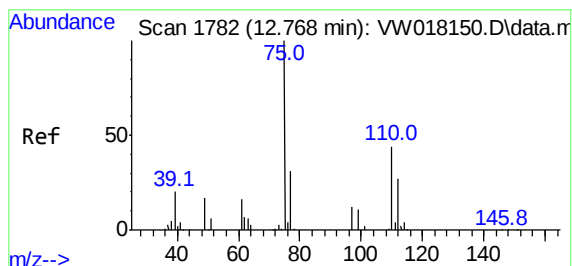
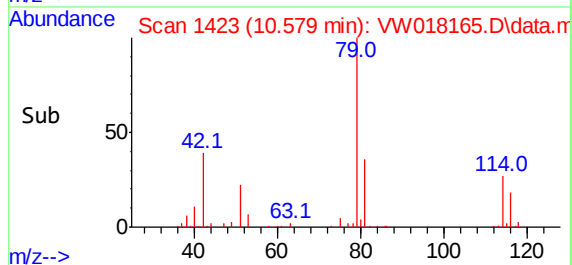
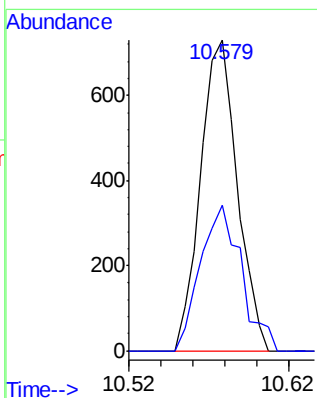
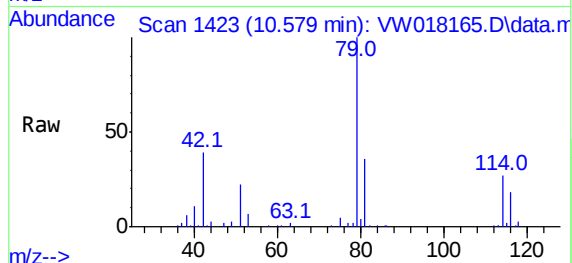


#45

trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Instrument :
MSVOA_W
ClientSampleId :
DBGX3

Tgt Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
77 46.8 22.6 42.0#



#59

1,2,3-Trichloropropane
Concen: 3.78 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018165.D
Acq: 16 Feb 2021 16:15

Tgt Ion: 75 Resp: 8145
Ion Ratio Lower Upper
75 100
77 36.5 26.6 39.8

