

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018154.D
 Acq On : 16 Feb 2021 11:51
 Operator : SY/VA
 Sample : M1370-13RE
 Misc : 6.37G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY9

Quant Time: Feb 17 01:04:04 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)

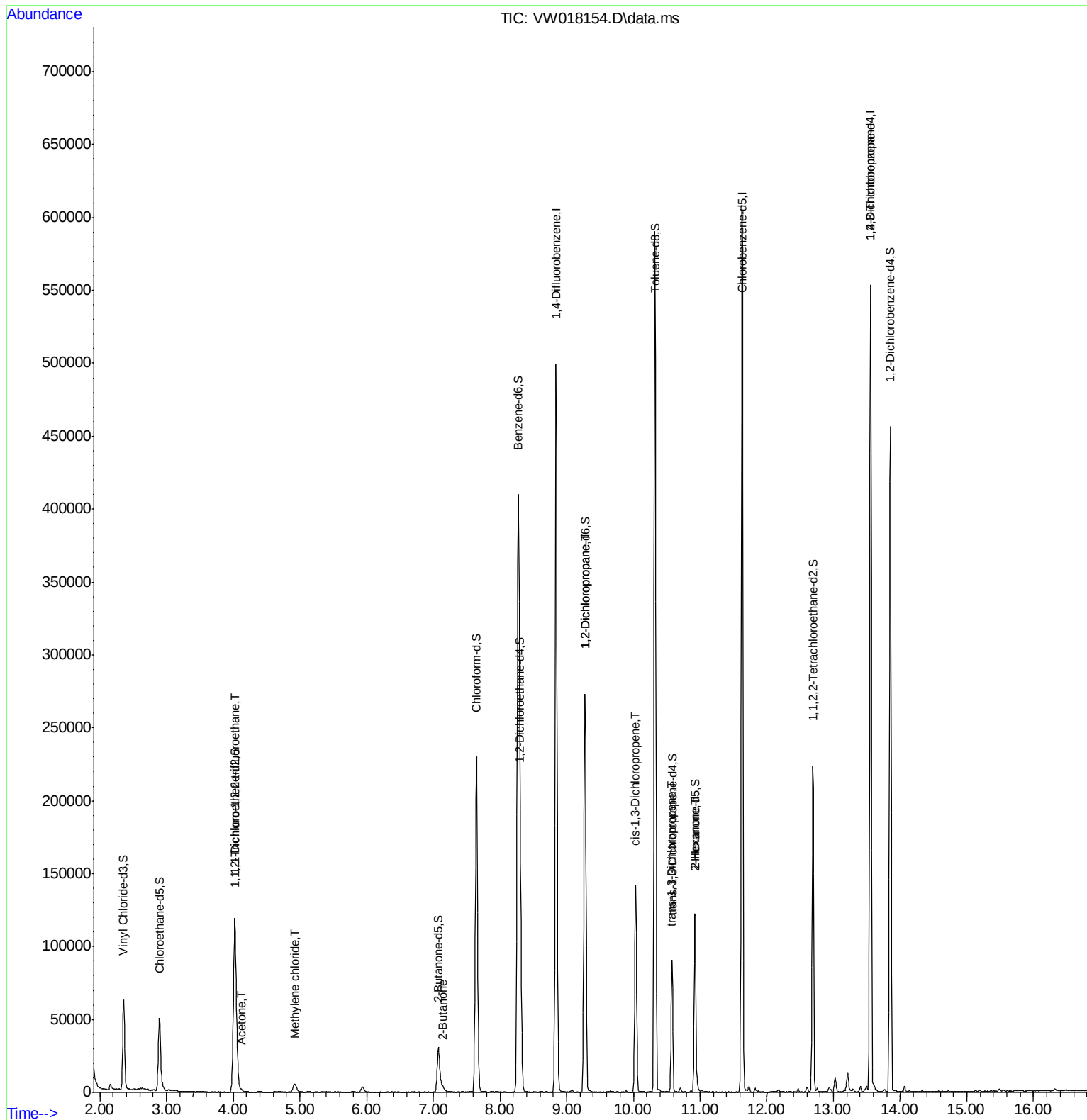
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	444239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	364033	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	162152	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73936	13.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.56%		
7) Chloroethane-d5	2.892	69	71610	16.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.36%		
10) 1,1-Dichloroethene-d2	4.026	63	132748	12.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.12%		
20) 2-Butanone-d5	7.080	46	51072	34.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.32%		
24) Chloroform-d	7.647	84	233104	20.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.00%		
26) 1,2-Dichloroethane-d4	8.305	65	122441	19.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.88%		
29) Benzene-d6	8.275	84	438021	21.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.64%		
33) 1,2-Dichloropropane-d6	9.275	67	130315	23.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.24%		
37) Toluene-d8	10.323	98	398718	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.84%		
38) trans-1,3-Dichloroprop...	10.579	79	51441	20.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.20%		
39) 2-Hexanone-d5	10.921	63	43940	41.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.22%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	107518	21.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	126242	21.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.28%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.032	101	1634	0.26	ug/L #	35
13) Acetone	4.123	43	1884	1.73	ug/L	66
16) Methylene chloride	4.922	84	5416	0.76	ug/L	99
21) 2-Butanone	7.141	43	3199	1.93	ug/L #	46
40) 1,2-Dichloropropane	9.275	63	14514	2.97	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	3543	0.45	ug/L #	59
45) trans-1,3-Dichloropropene	10.573	75	2195	0.32	ug/L	98
49) 2-Hexanone	10.927	43	7274	3.45	ug/L #	35
59) 1,2,3-Trichloropropane	13.554	75	16268	4.36	ug/L	98

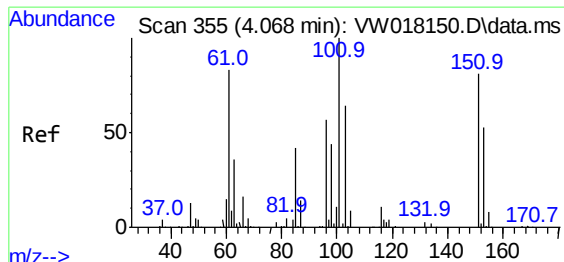
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

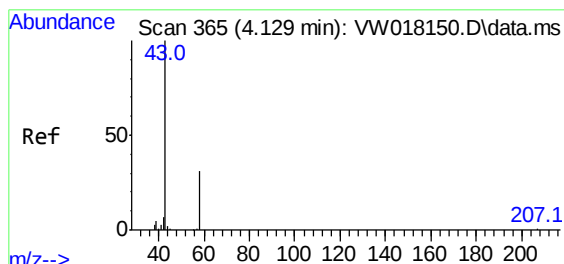
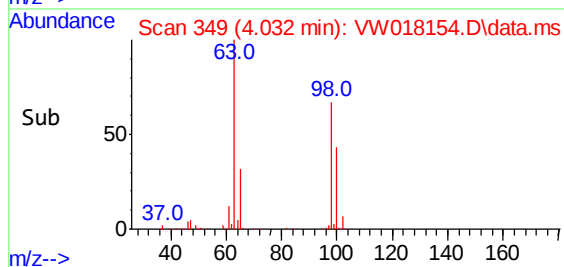
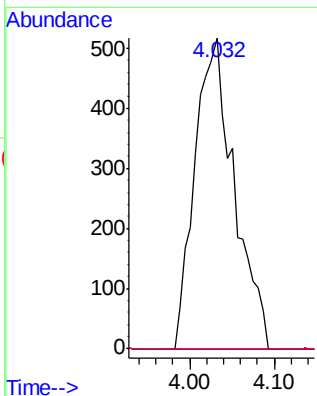
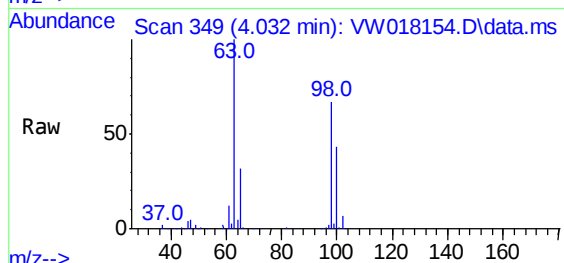




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.26 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.036 min
 Lab File: VW018154.D
 Acq: 16 Feb 2021 11:51

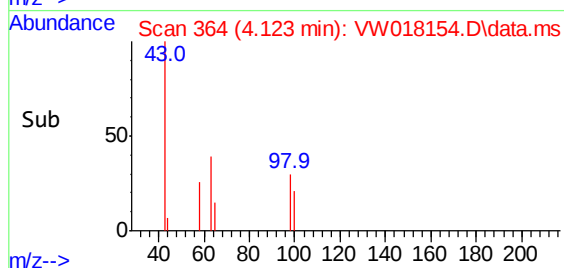
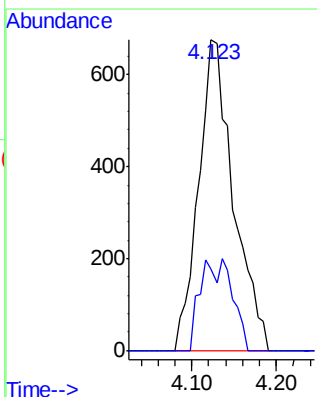
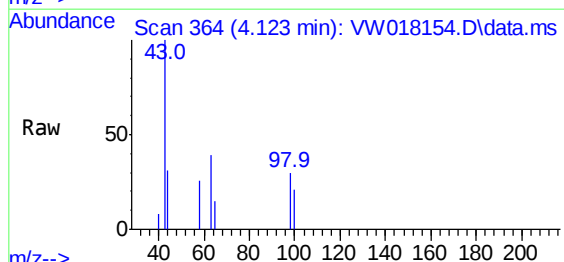
Instrument :
 MSVOA_W
 ClientSampleID :
 DBGY9

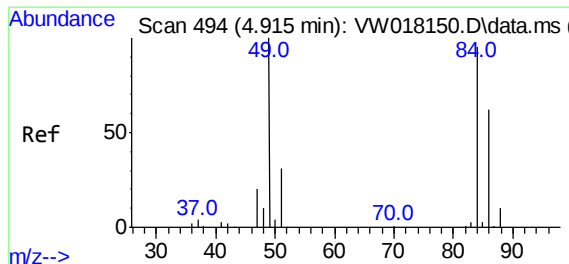
Tgt Ion:101 Resp: 1634
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 1.73 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW018154.D
 Acq: 16 Feb 2021 11:51

Tgt Ion: 43 Resp: 1884
 Ion Ratio Lower Upper
 43 100
 58 14.8 0.0 68.4



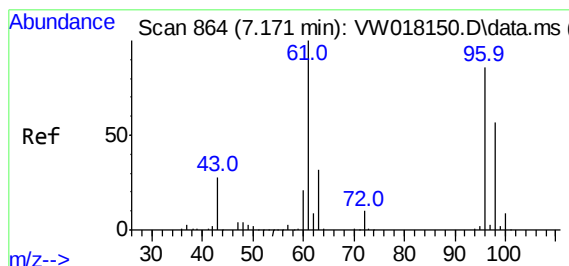
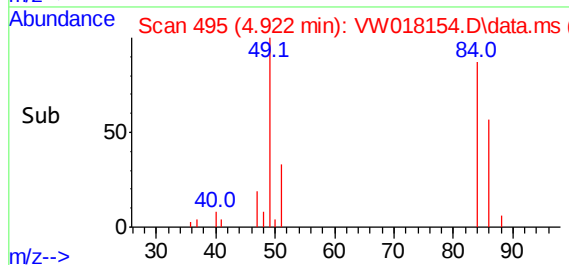
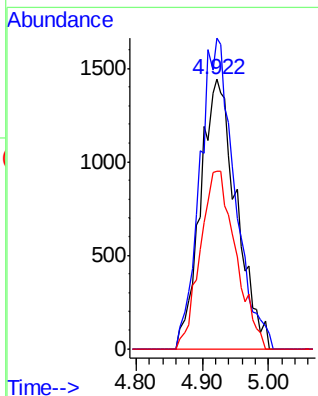
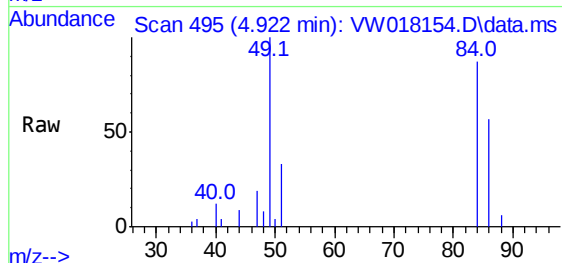


#16
Methylene chloride
Concen: 0.76 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

Instrument :
MSVOA_W
ClientSampled :
DBGY9

Tgt Ion: 84 Resp: 5416

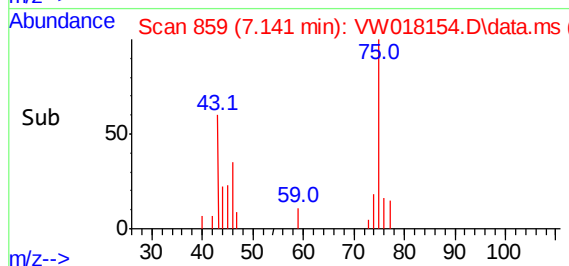
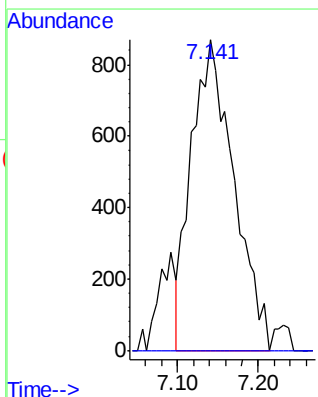
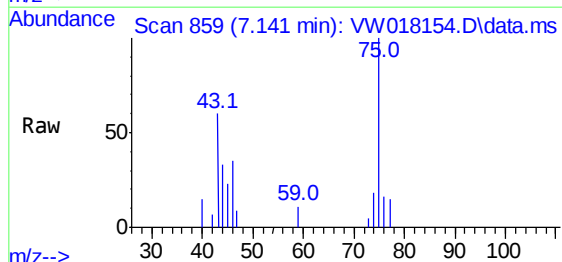
Ion	Ratio	Lower	Upper
84	100		
49	115.3	81.2	150.8
86	65.8	44.5	82.7

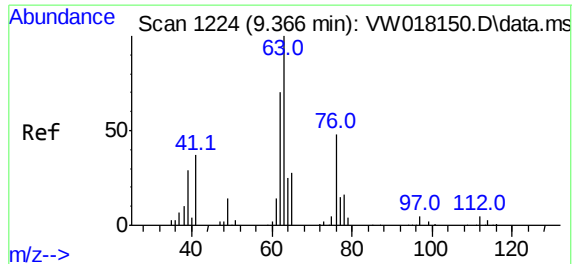


#21
2-Butanone
Concen: 1.93 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

Tgt Ion: 43 Resp: 3199

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

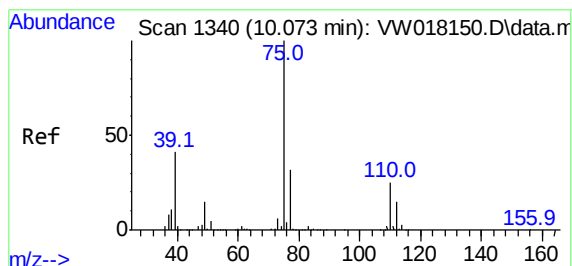
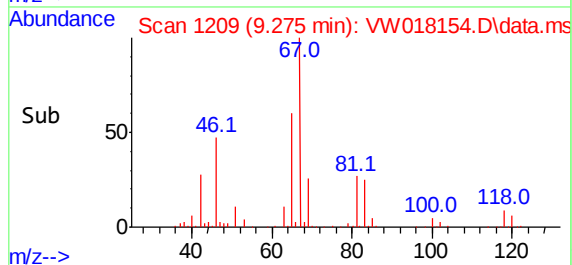
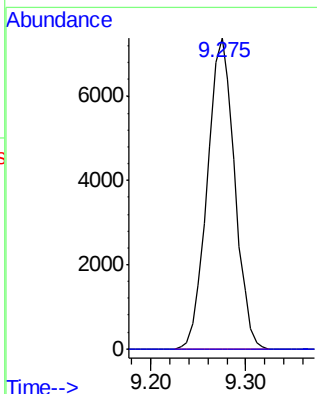
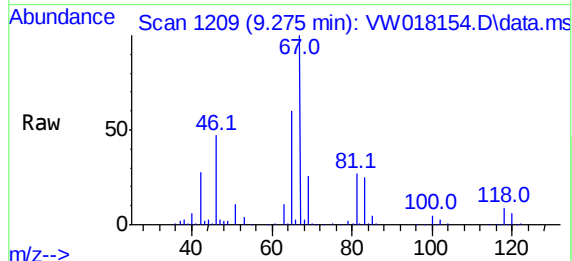




#40
1,2-Dichloropropane
Concen: 2.97 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

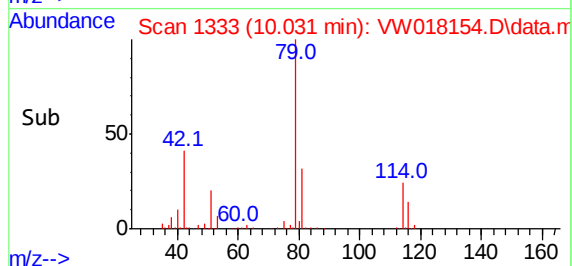
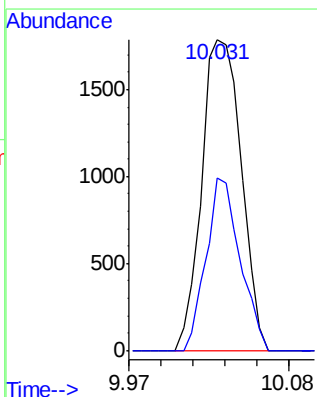
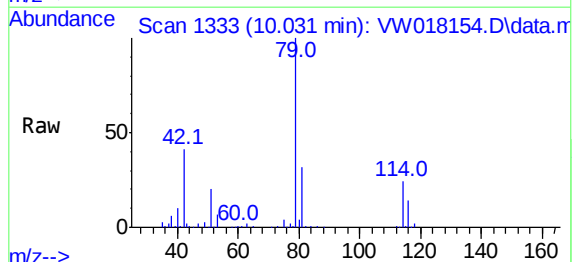
Instrument :
MSVOA_W
ClientSampled :
DBGY9

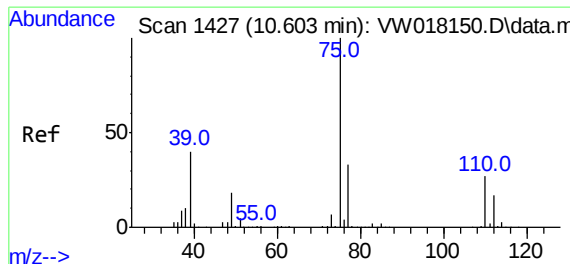
Tgt Ion: 63 Resp: 14514
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

Tgt Ion: 75 Resp: 3543
Ion Ratio Lower Upper
75 100
77 55.4 22.7 42.3#

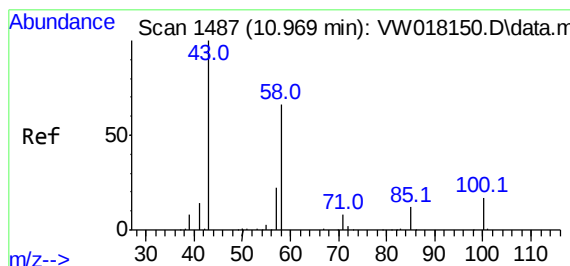
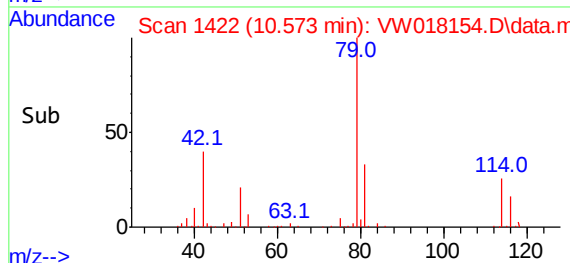
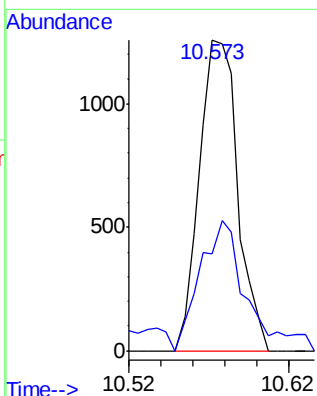
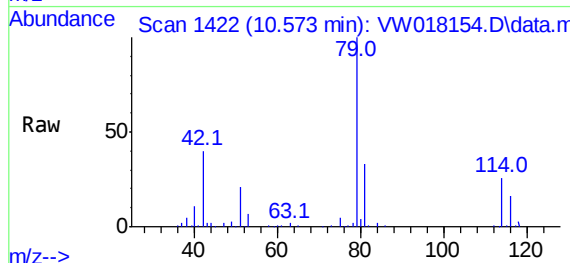




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

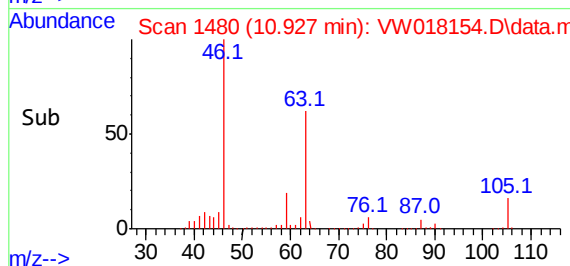
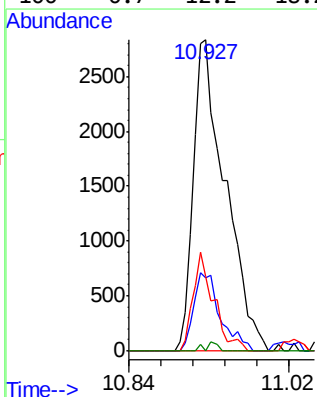
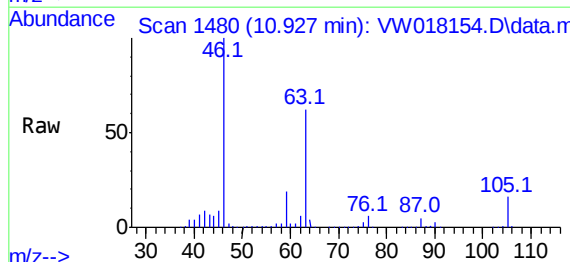
Instrument :
MSVOA_W
ClientSampled :
DBGY9

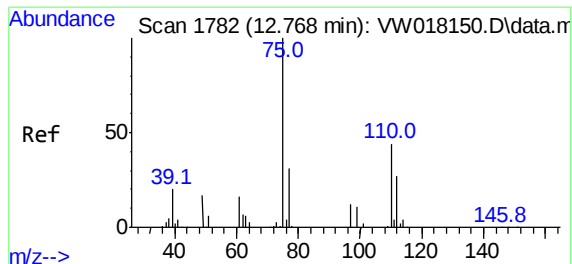
Tgt Ion: 75 Resp: 2195
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0



#49
2-Hexanone
Concen: 3.45 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW018154.D
Acq: 16 Feb 2021 11:51

Tgt Ion: 43 Resp: 7274
Ion Ratio Lower Upper
43 100
58 1.5 51.3 76.9#
57 1.2 15.0 22.6#
100 0.7 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.36 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018154.D
 Acq: 16 Feb 2021 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY9

Tgt Ion: 75 Resp: 16268
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.6 39.8

