

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018162.D
 Acq On : 16 Feb 2021 15:03
 Operator : SY/VA
 Sample : M1414-01
 Misc : 5.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG73

Quant Time: Feb 17 01:06:21 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)

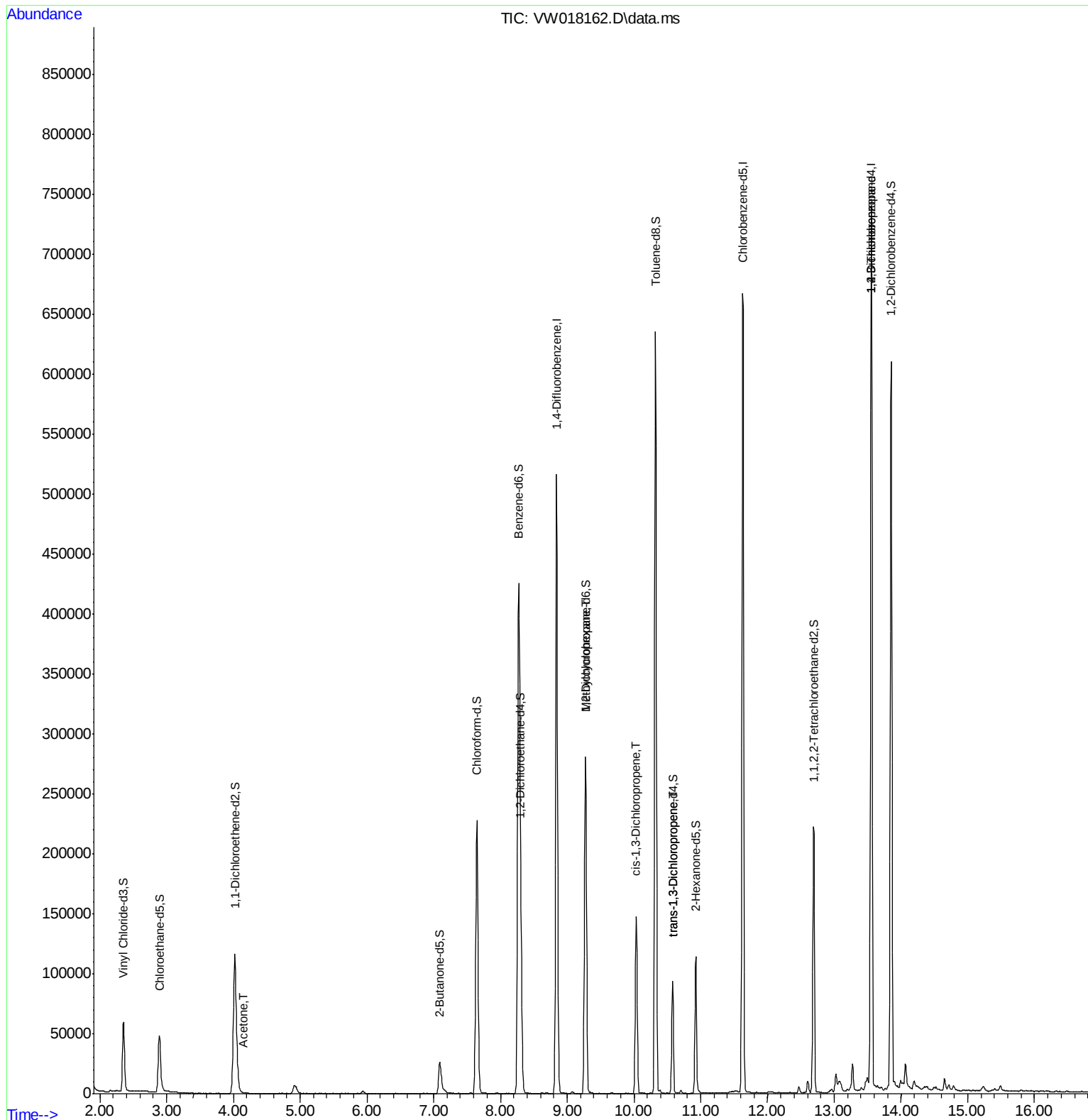
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	449189	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	209662	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	72656	13.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.04%		
7) Chloroethane-d5	2.892	69	69098	15.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.40%		
10) 1,1-Dichloroethene-d2	4.019	63	130216	11.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.68%		
20) 2-Butanone-d5	7.092	46	46014	30.89	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.78%		
24) Chloroform-d	7.647	84	240108	20.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.48%		
26) 1,2-Dichloroethane-d4	8.305	65	120293	19.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.64%		
29) Benzene-d6	8.275	84	461494	20.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.32%		
33) 1,2-Dichloropropane-d6	9.275	67	134283	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.64%		
37) Toluene-d8	10.323	98	428894	20.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.40%		
38) trans-1,3-Dichloroprop...	10.579	79	54727	19.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.00%		
39) 2-Hexanone-d5	10.927	63	41601	34.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.40%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	106441	19.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	170664	22.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.28%		
Target Compounds						
13) Acetone	4.154	43	529	0.48	ug/L	68
36) Methylcyclohexane	9.275	83	35152	3.11	ug/L #	19
42) cis-1,3-Dichloropropene	10.031	75	3706	0.42	ug/L #	61
45) trans-1,3-Dichloropropene	10.579	75	2300	0.30	ug/L #	69
59) 1,2,3-Trichloropropane	13.554	75	20393	4.87	ug/L	89

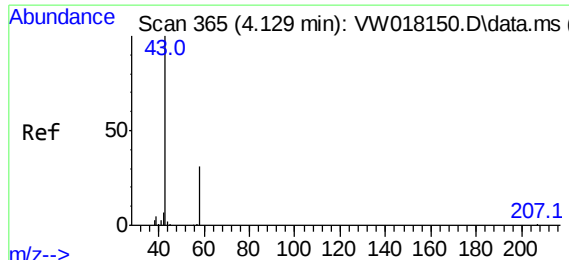
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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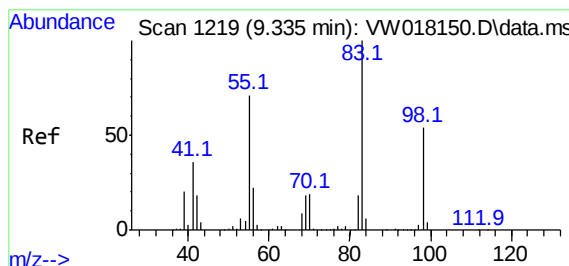
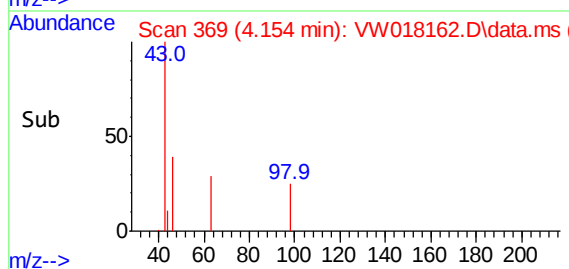
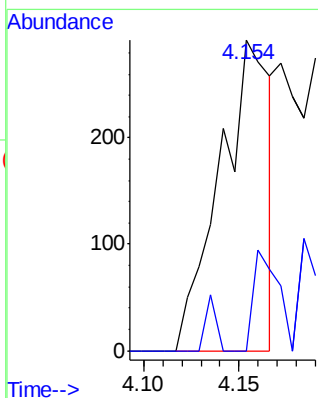
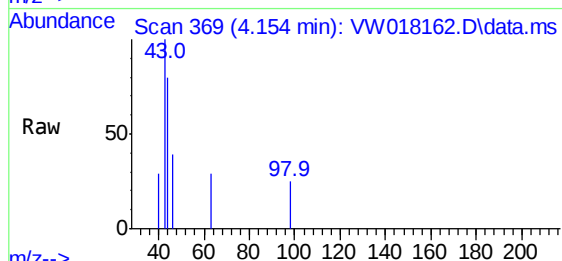




#13
Acetone
Concen: 0.48 ug/L
RT: 4.154 min Scan# 369
Delta R.T. 0.025 min
Lab File: VW018162.D
Acq: 16 Feb 2021 15:03

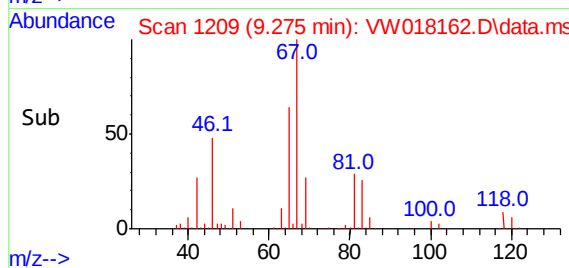
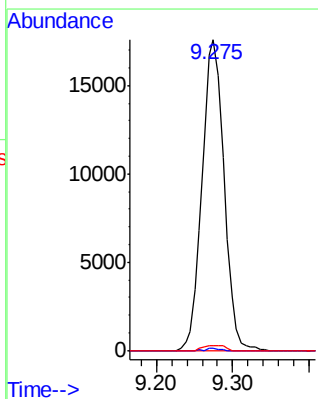
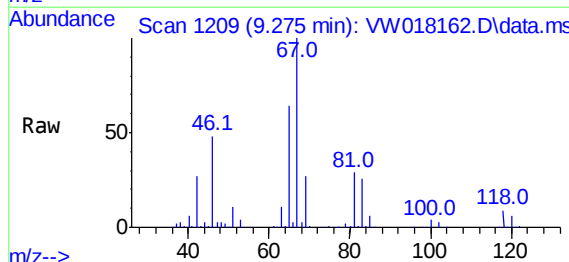
Instrument :
MSVOA_W
ClientSampled :
DBGT3

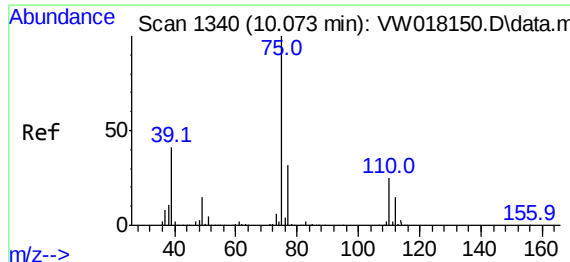
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 16.1 0.0 68.4



#36
Methylcyclohexane
Concen: 3.11 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018162.D
Acq: 16 Feb 2021 15:03

Tgt Ion: 83 Resp: 35152
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 0.8 40.7 61.1#

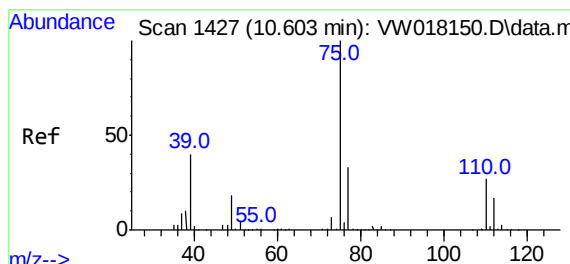
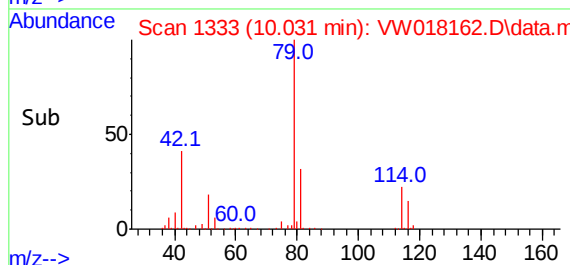
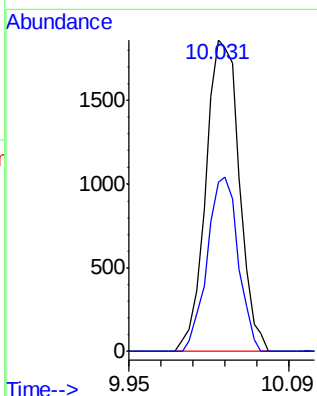
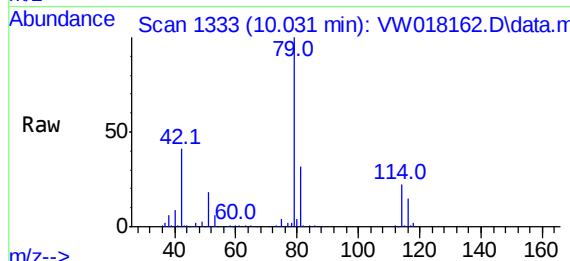




#42
cis-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018162.D
Acq: 16 Feb 2021 15:03

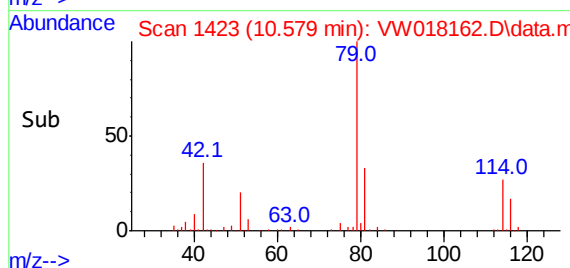
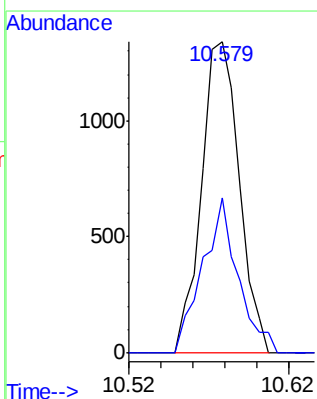
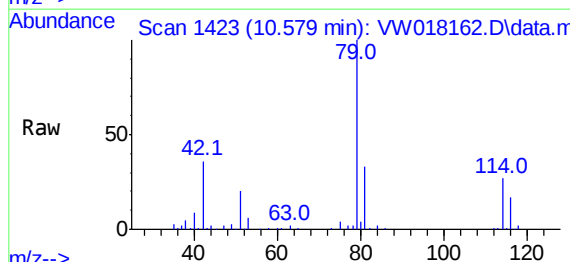
Instrument :
MSVOA_W
ClientSampled :
DBGT3

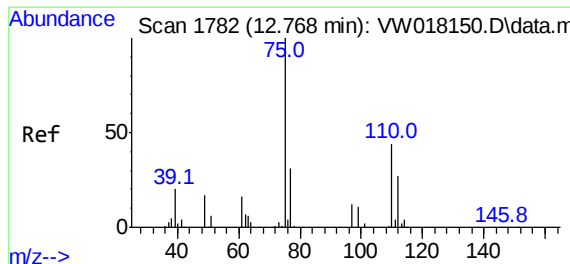
Tgt Ion: 75 Resp: 3706
Ion Ratio Lower Upper
75 100
77 54.5 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018162.D
Acq: 16 Feb 2021 15:03

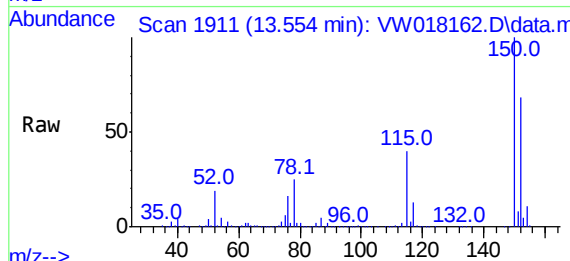
Tgt Ion: 75 Resp: 2300
Ion Ratio Lower Upper
75 100
77 49.7 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.87 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018162.D
 Acq: 16 Feb 2021 15:03

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG3



Tgt Ion: 75 Resp: 20393
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.6 39.8

