

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018011.D
 Acq On : 02 Feb 2021 15:23
 Operator : SY/VA
 Sample : M1298-10
 Misc : 3.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA7

Quant Time: Feb 03 00:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

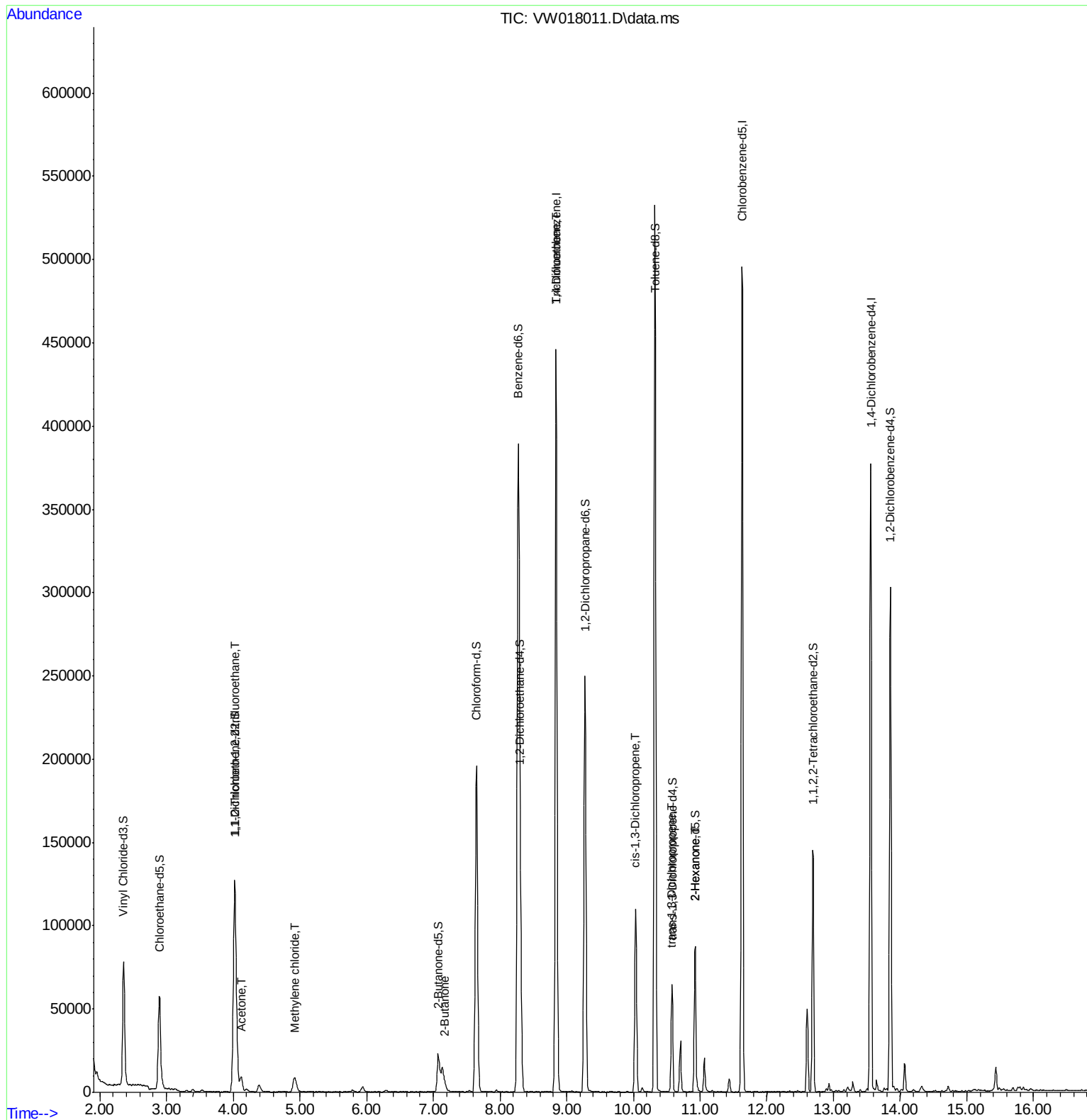
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	388313	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	294029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	105497	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	96251	19.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.76%		
7) Chloroethane-d5	2.891	69	80180	20.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.72%		
10) 1,1-Dichloroethene-d2	4.019	63	141908	14.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.84%		
20) 2-Butanone-d5	7.074	46	38788	30.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.24%		
24) Chloroform-d	7.647	84	209734	20.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.32%		
26) 1,2-Dichloroethane-d4	8.305	65	104825	19.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.24%		
29) Benzene-d6	8.275	84	413097	25.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.36%		
33) 1,2-Dichloropropane-d6	9.274	67	115820	25.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.60%		
37) Toluene-d8	10.323	98	356344	23.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.80%		
38) trans-1,3-Dichloroprop...	10.579	79	36163	17.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.68%		
39) 2-Hexanone-d5	10.927	63	30930	35.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.66%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	70789	17.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	79969	21.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.00%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1644	0.30	ug/L #	35
13) Acetone	4.123	43	15200	15.95	ug/L	96
16) Methylene chloride	4.922	84	8376	1.35	ug/L	88
21) 2-Butanone	7.171	43	7371	5.08	ug/L	91
35) Trichloroethene	8.842	95	11942	2.47	ug/L #	3
42) cis-1,3-Dichloropropene	10.030	75	2861	0.45	ug/L #	66
45) trans-1,3-Dichloropropene	10.573	75	1565	0.28	ug/L #	70
49) 2-Hexanone	10.927	43	4525	2.66	ug/L #	58

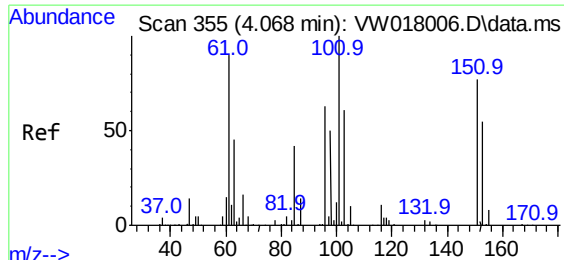
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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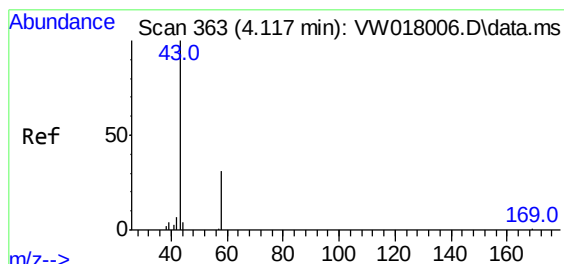
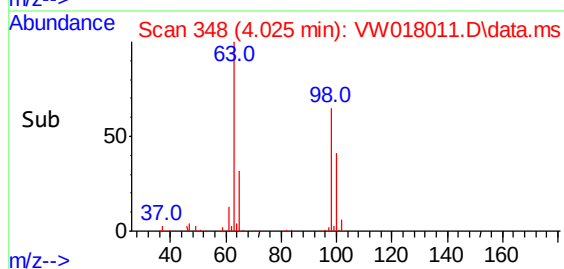
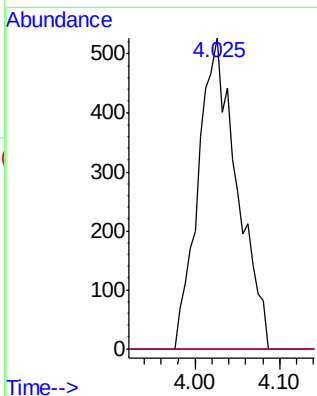
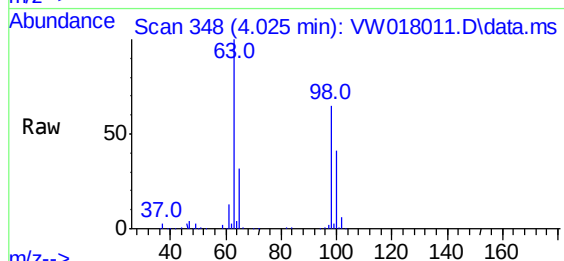


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.30 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018011.D
 Acq: 02 Feb 2021 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA7

Tgt Ion:101 Resp: 1644

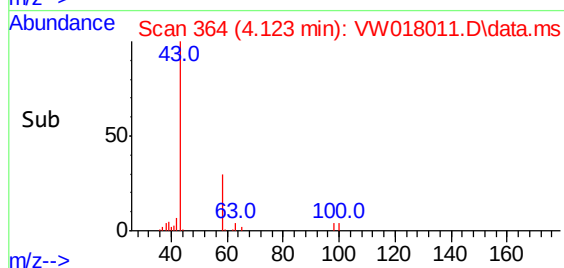
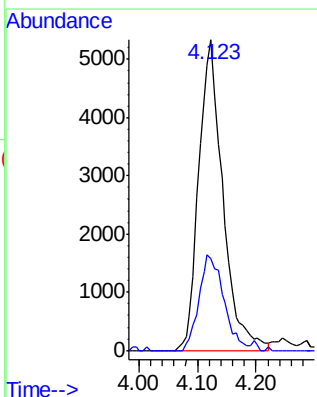
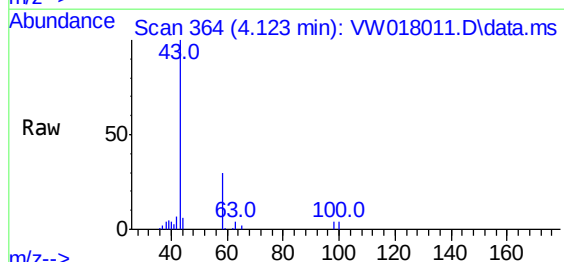
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#

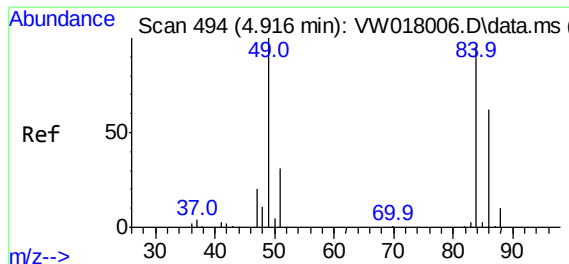


#13
 Acetone
 Concen: 15.95 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018011.D
 Acq: 02 Feb 2021 15:23

Tgt Ion: 43 Resp: 15200

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	68.4



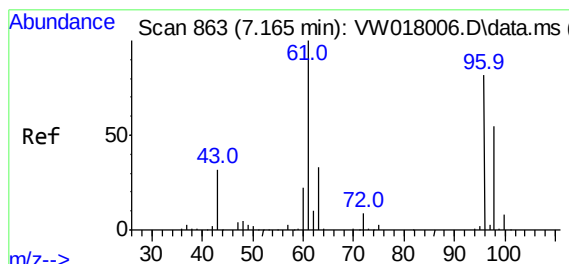
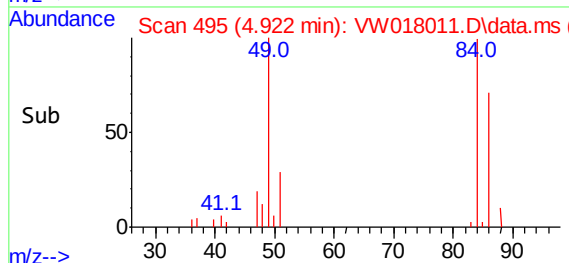
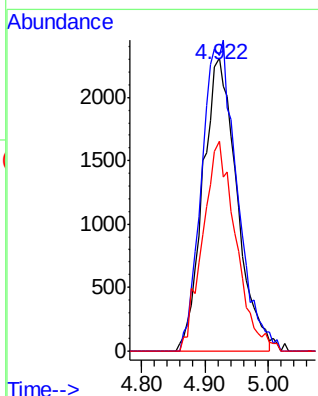
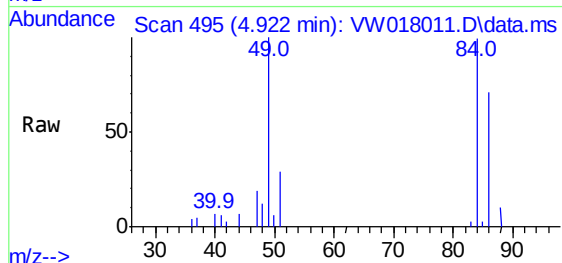


#16
Methylene chloride
Concen: 1.35 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

Instrument :
MSVOA_W
ClientSampleId :
C0AA7

Tgt Ion: 84 Resp: 8376

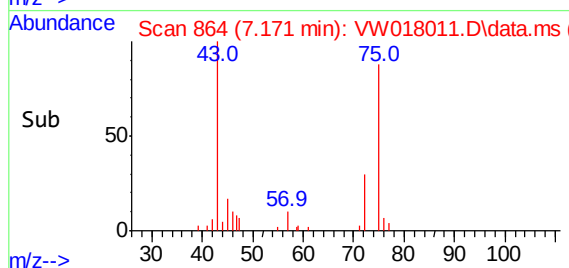
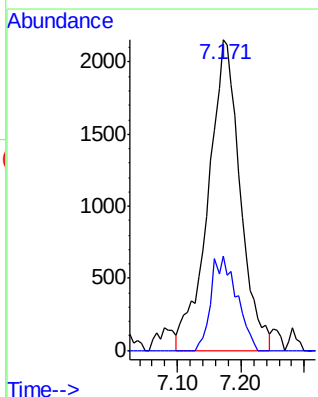
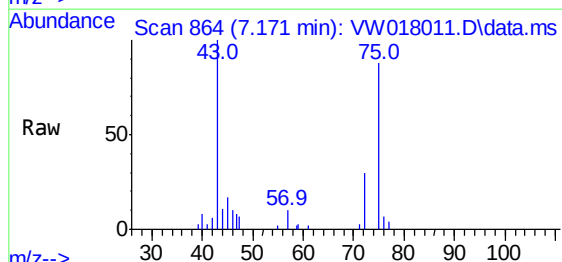
Ion	Ratio	Lower	Upper
84	100		
49	101.1	81.2	150.8
86	71.6	44.5	82.7

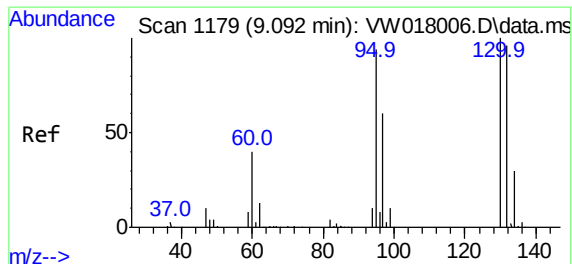


#21
2-Butanone
Concen: 5.08 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

Tgt Ion: 43 Resp: 7371

Ion	Ratio	Lower	Upper
43	100		
72	24.2	14.4	43.2

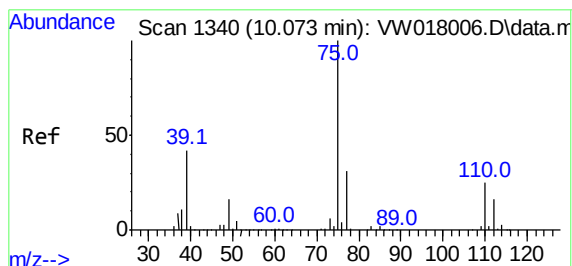
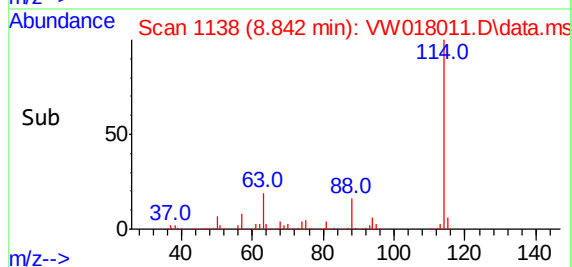
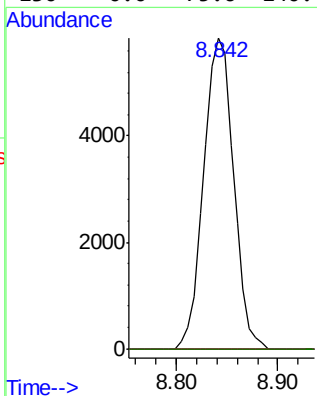
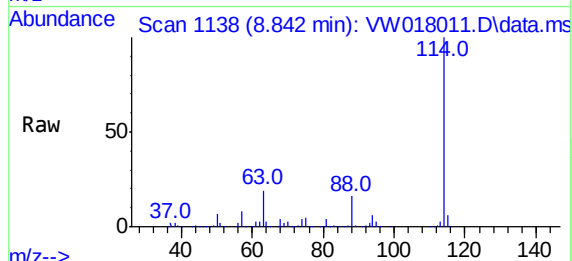




#35
Trichloroethene
Concen: 2.47 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

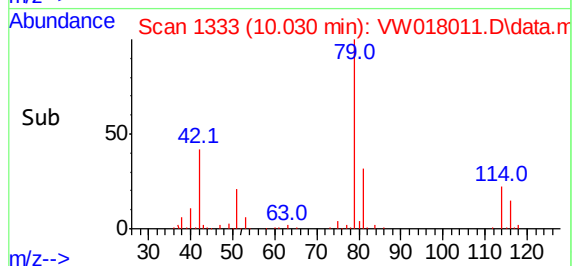
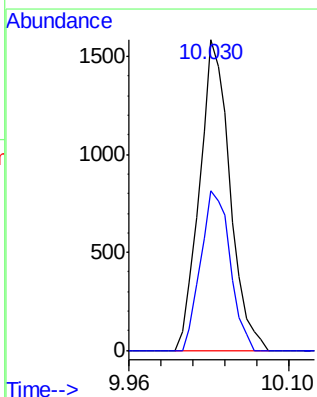
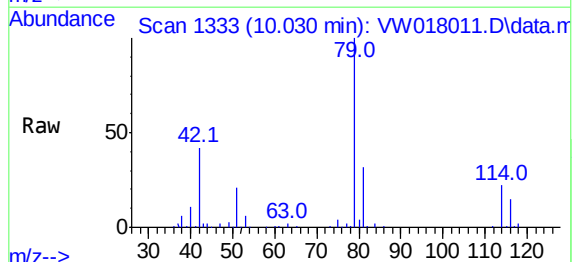
Instrument :
MSVOA_W
ClientSampleId :
C0AA7

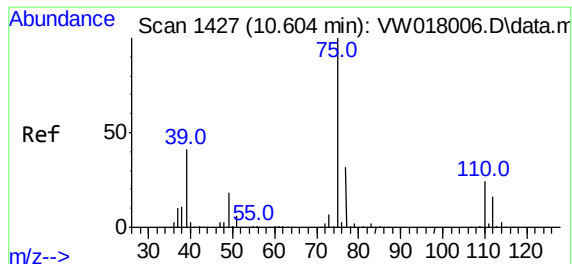
Tgt Ion:	95	Resp:	11942
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

Tgt Ion:	75	Resp:	2861
Ion	Ratio	Lower	Upper
75	100		
77	51.4	22.7	42.3#

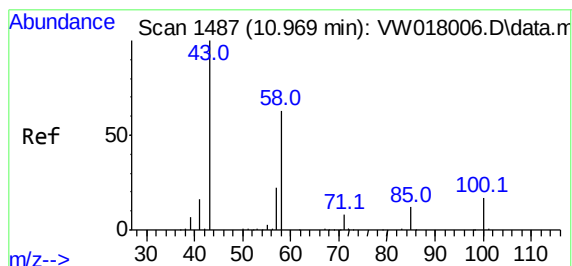
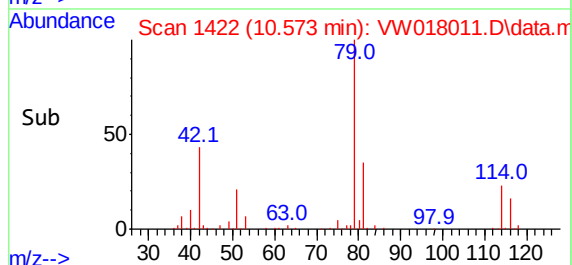
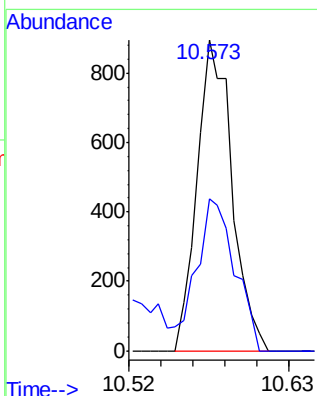
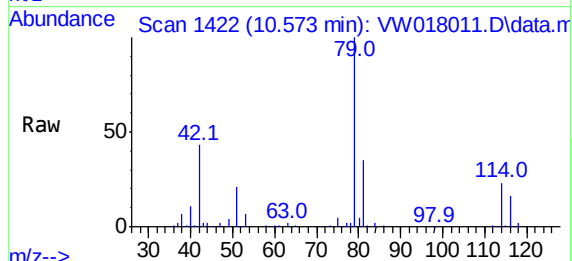




#45
trans-1,3-Dichloropropene
Concen: 0.28 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

Instrument :
MSVOA_W
ClientSampleId :
C0AA7

Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
77 48.9 22.6 42.0#



#49
2-Hexanone
Concen: 2.66 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018011.D
Acq: 02 Feb 2021 15:23

Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
58 23.0 51.3 76.9#
57 22.8 15.0 22.6#
100 0.0 12.2 18.2#

