

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018164.D
 Acq On : 16 Feb 2021 15:51
 Operator : SY/VA
 Sample : M1414-06
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX2

Quant Time: Feb 17 01:06:50 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)

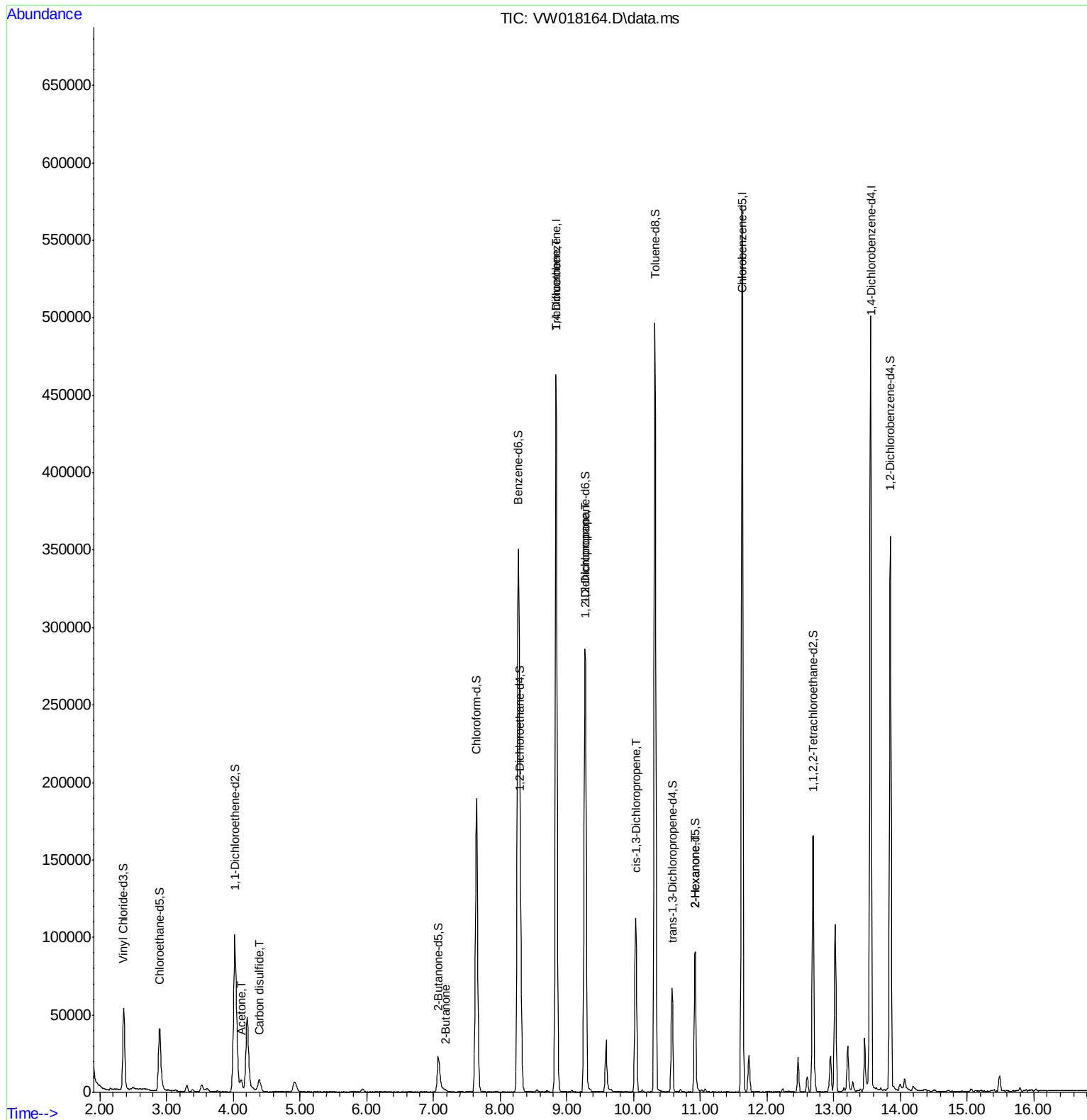
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	417074	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	142875	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65290	12.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.40%
7) Chloroethane-d5	2.897	69	61066	14.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.36%
10) 1,1-Dichloroethene-d2	4.025	63	111598	10.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.08%#
20) 2-Butanone-d5	7.073	46	39794	28.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.54%
24) Chloroform-d	7.646	84	201721	18.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.72%
26) 1,2-Dichloroethane-d4	8.305	65	100081	17.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.68%#
29) Benzene-d6	8.274	84	376620	20.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.84%
33) 1,2-Dichloropropane-d6	9.274	67	110542	21.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.84%
37) Toluene-d8	10.323	98	334965	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.56%
38) trans-1,3-Dichloroprop...	10.579	79	39643	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.12%
39) 2-Hexanone-d5	10.920	63	32655	32.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.54%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	82049	17.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	98222	19.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.08%
Target Compounds						
13) Acetone	4.123	43	12135	11.86	ug/L	96
14) Carbon disulfide	4.397	76	14070	0.87	ug/L #	95
21) 2-Butanone	7.177	43	2187	1.40	ug/L #	67
35) Trichloroethene	8.841	95	11942	2.14	ug/L #	3
40) 1,2-Dichloropropane	9.280	63	12629	2.77	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2864	0.39	ug/L	85
49) 2-Hexanone	10.920	43	4193	2.13	ug/L #	61

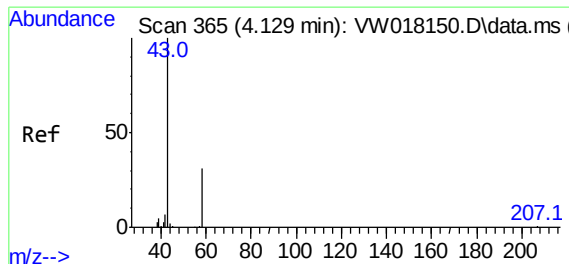
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 17 01:02:43 2021
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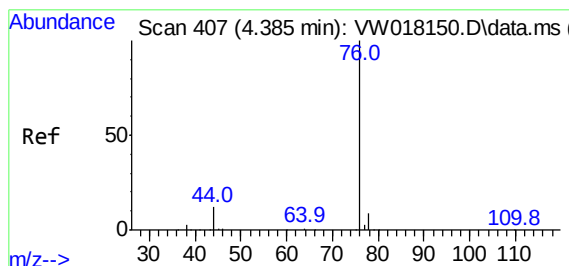
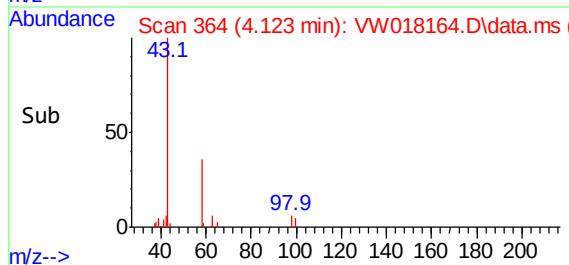
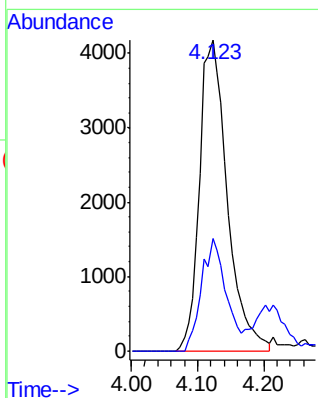
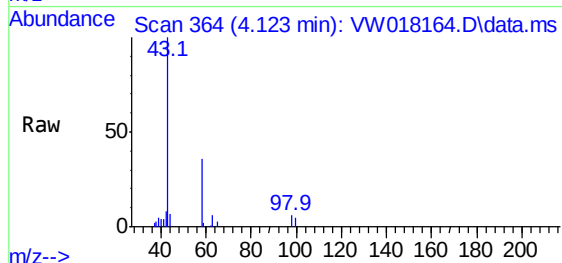




#13
Acetone
Concen: 11.86 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

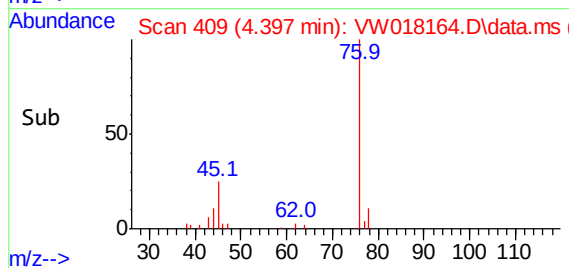
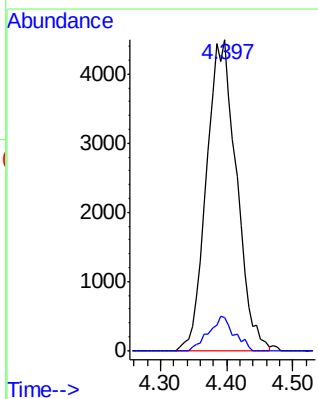
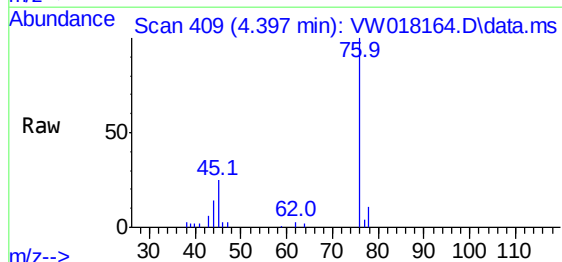
Instrument :
MSVOA_W
ClientSampled :
DBGX2

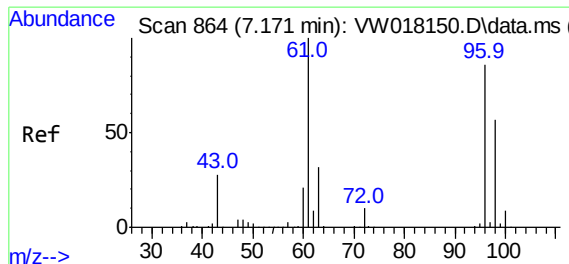
Tgt Ion: 43 Resp: 12135
Ion Ratio Lower Upper
43 100
58 31.9 0.0 68.4



#14
Carbon disulfide
Concen: 0.87 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

Tgt Ion: 76 Resp: 14070
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4#

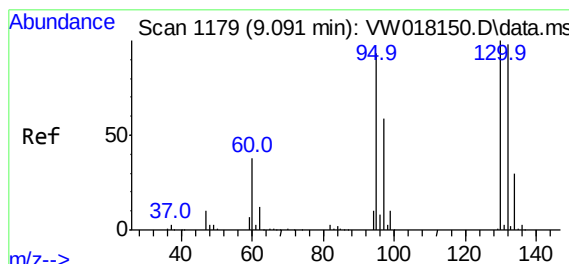
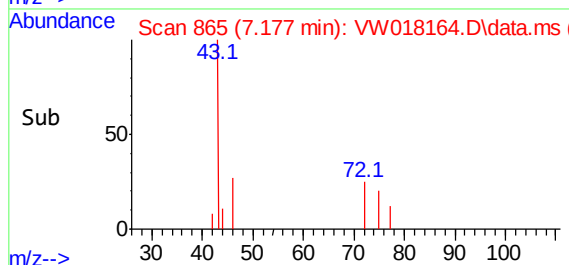
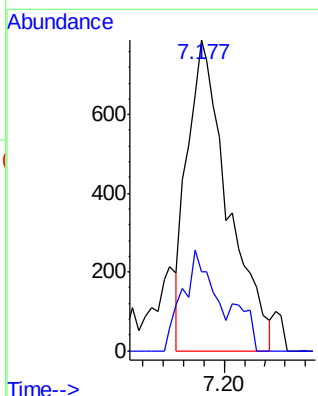
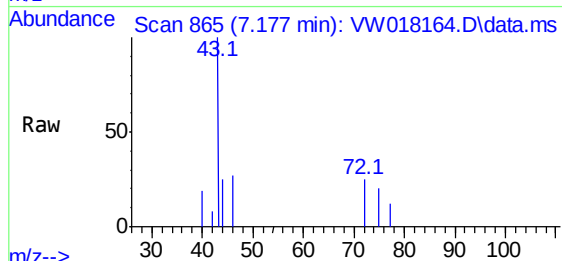




#21
2-Butanone
Concen: 1.40 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

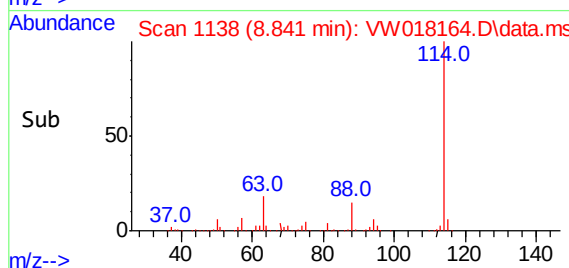
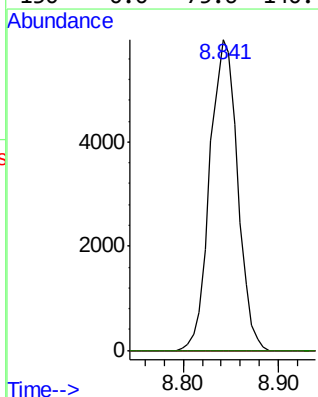
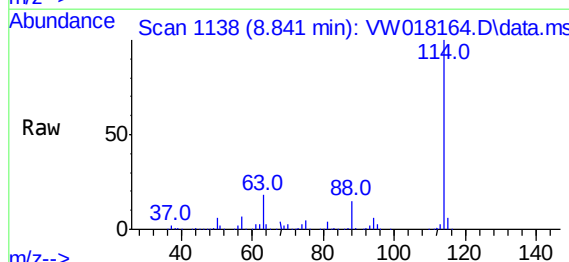
Instrument :
MSVOA_W
ClientSampled :
DBGX2

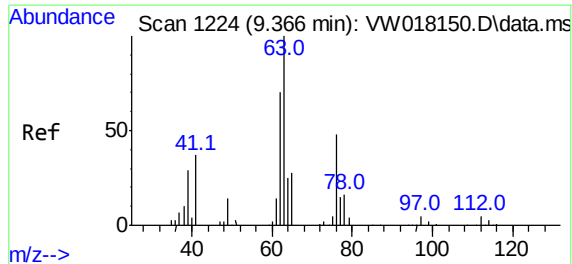
Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
72 11.4 14.4 43.2#



#35
Trichloroethene
Concen: 2.14 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

Tgt Ion: 95 Resp: 11942
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.3 71.0 131.8#
130 0.0 75.6 140.4#

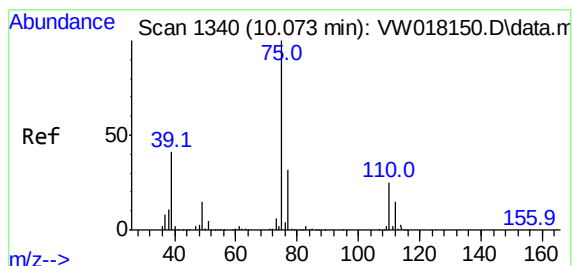
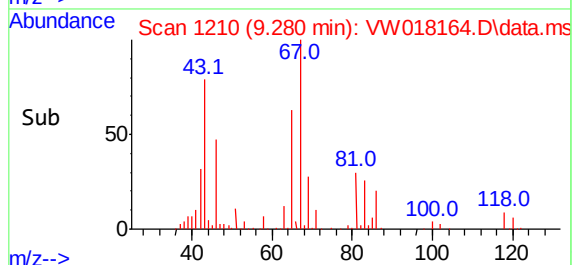
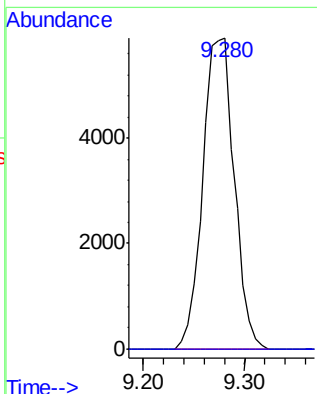
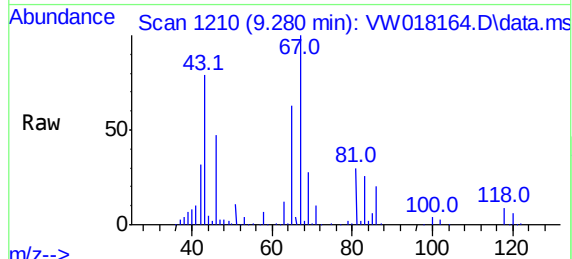




#40
1,2-Dichloropropane
Concen: 2.77 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

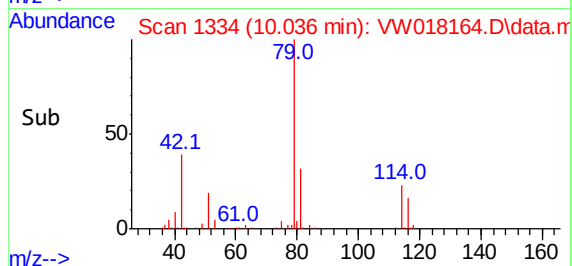
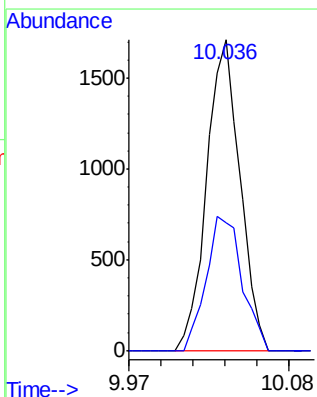
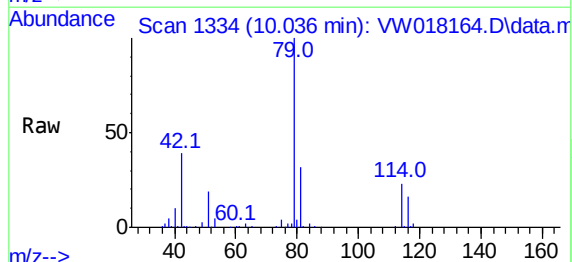
Instrument :
MSVOA_W
ClientSampled :
DBGX2

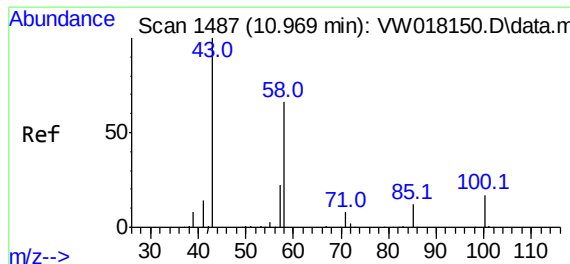
Tgt Ion: 63 Resp: 12629
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

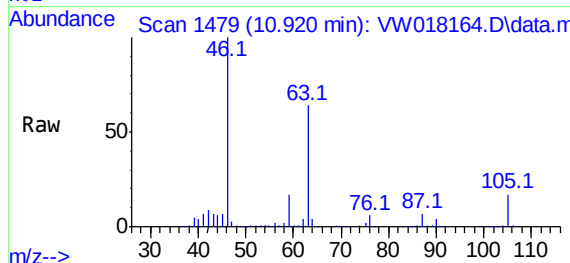
Tgt Ion: 75 Resp: 2864
Ion Ratio Lower Upper
75 100
77 41.1 22.7 42.3





#49
 2-Hexanone
 Concen: 2.13 ug/L
 RT: 10.920 min Scan# 1479
 Delta R.T. -0.049 min
 Lab File: VW018164.D
 Acq: 16 Feb 2021 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX2



Tgt Ion: 43 Resp: 4193

Ion	Ratio	Lower	Upper
43	100		
58	26.2	51.3	76.9#
57	23.7	15.0	22.6#
100	0.0	12.2	18.2#

