

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016830.D
 Acq On : 07 Oct 2020 12:54
 Operator : SY/VA
 Sample : L4235-19
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AT5

Quant Time: Oct 08 08:40:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	563969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477084	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148094	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
7) Chloroethane-d5	2.89	69	123987	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.02	63	216972	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.48%
20) 2-Butanone-d5	7.09	46	54971	43.62	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
24) Chloroform-d	7.65	84	303180	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	8.31	65	151462	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	8.28	84	621845	28.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.80%
33) 1,2-Dichloropropane-d6	9.27	67	167394	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.33	98	565237	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.60%
38) trans-1,3-Dichloropropene-	10.58	79	65080	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.36%
39) 2-Hexanone-d5	10.93	63	45673	50.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121178	25.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	157794	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

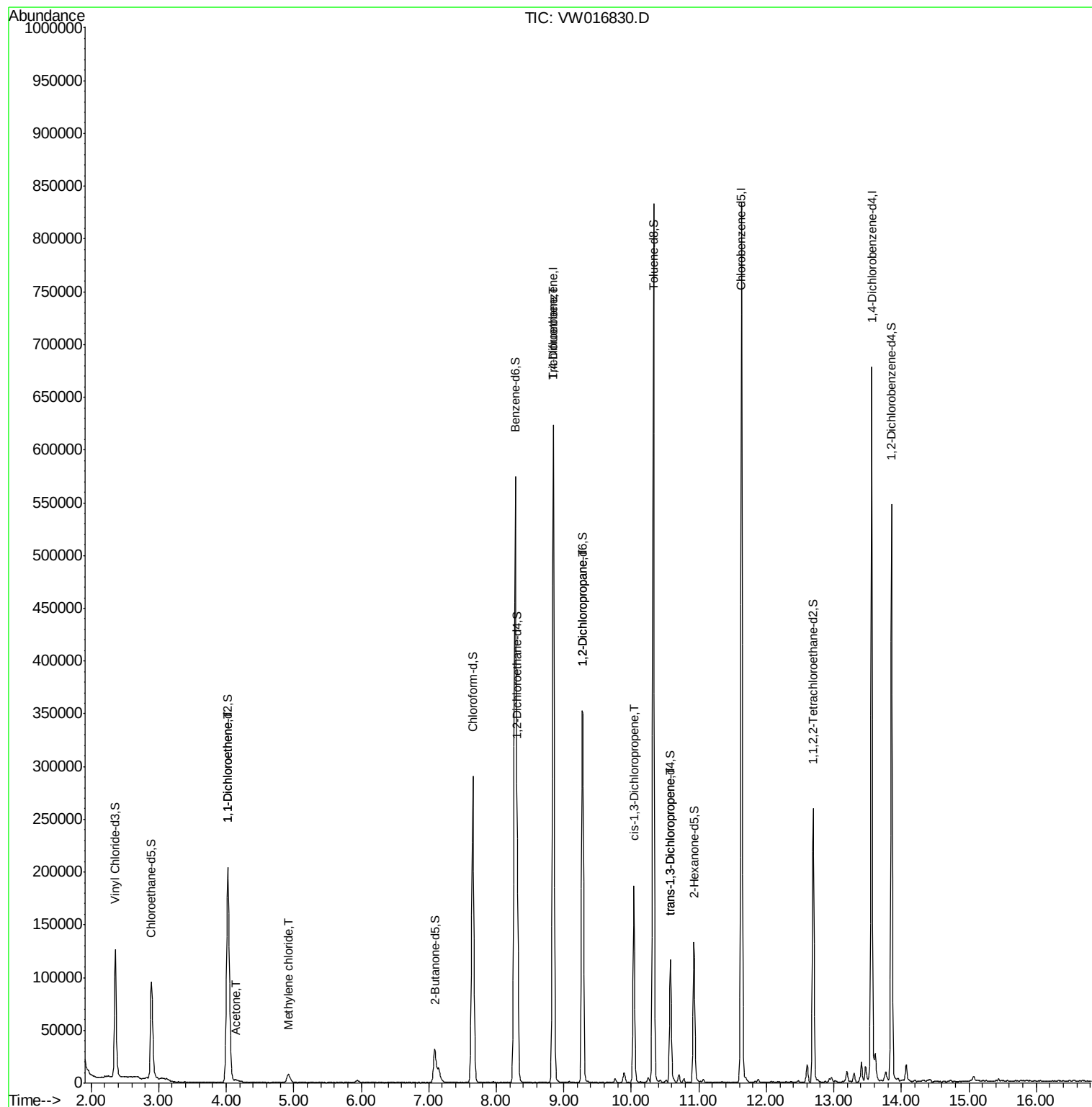
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1920	0.263 ug/L #	1
13) Acetone	4.15	43	5045	5.290 ug/L	96
16) Methylene chloride	4.92	84	7640	0.982 ug/L	97
35) Trichloroethene	8.84	95	16670	2.300 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	18866	3.257 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4614	0.500 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	2942	0.379 ug/L	94

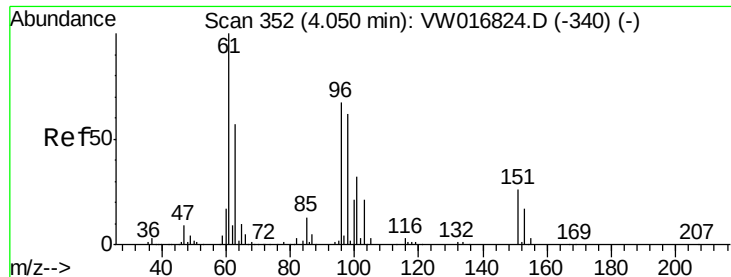
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.263 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016830.D

Acq: 07 Oct 2020 12:54

Instrument :

MSVOA_W

ClientSampleId :

C0AT5

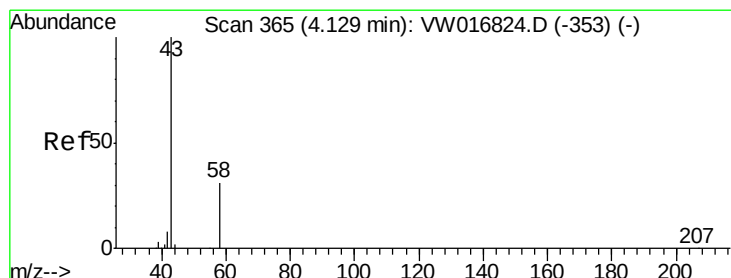
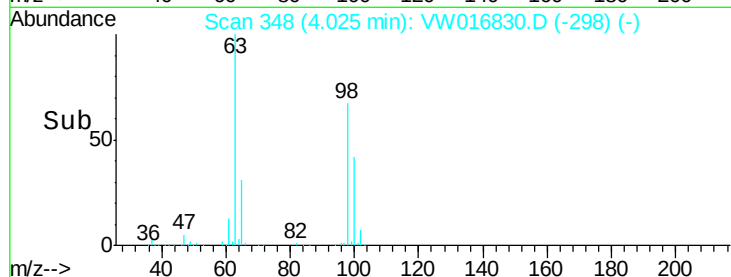
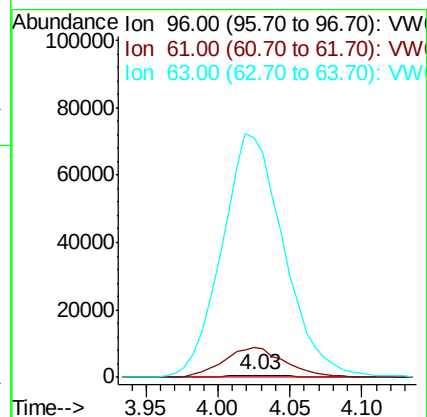
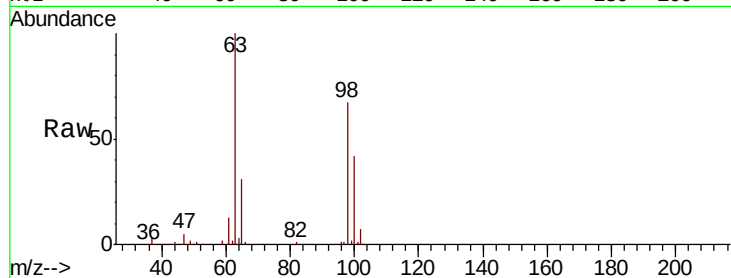
Tot Ion: 96 Resp: 1920

Ion Ratio Lower Upper

96 100

61 1503.2 105.1 195.1#

63 11846.7 69.9 129.7#



#13

Acetone

Concen: 5.290 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016830.D

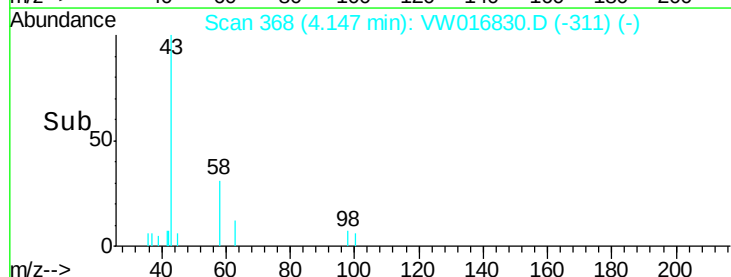
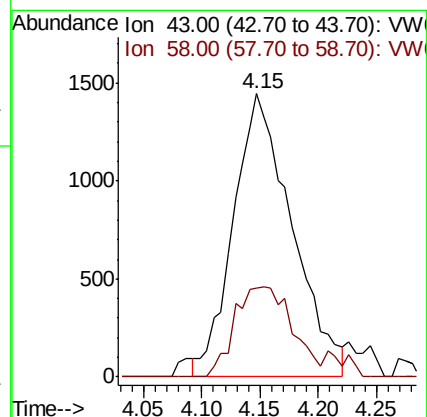
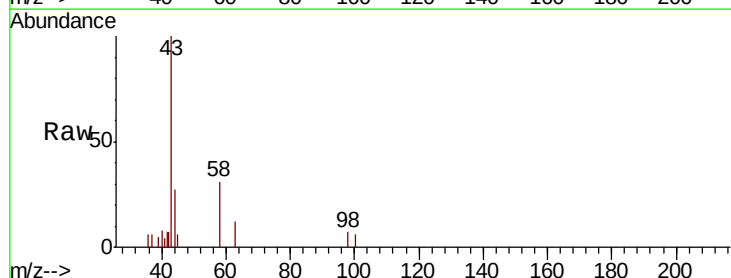
Acq: 07 Oct 2020 12:54

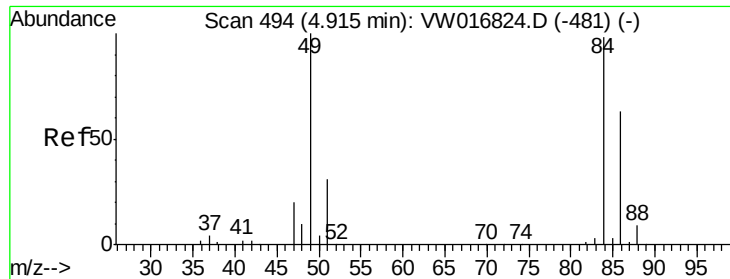
Tgt Ion: 43 Resp: 5045

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.6

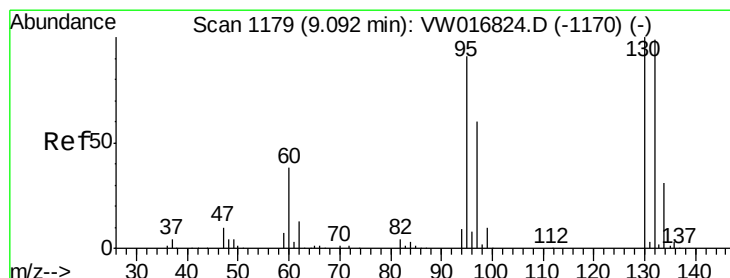
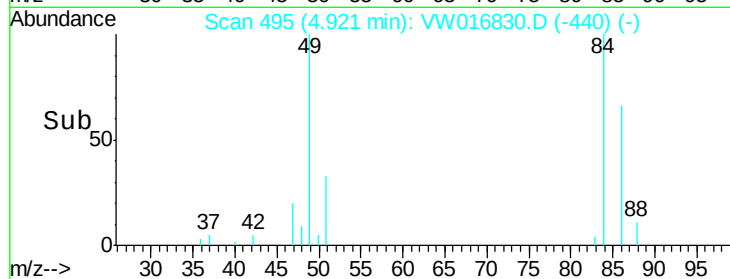
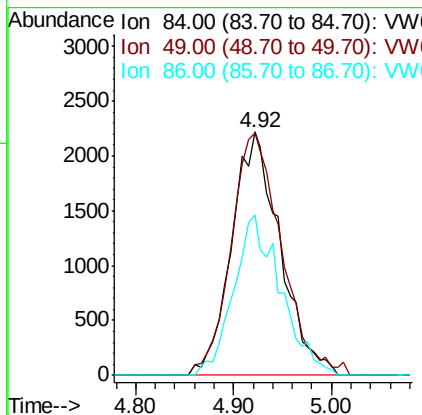
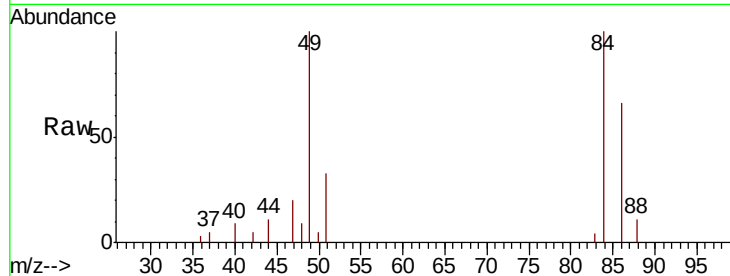




#16
Methvlene chloride
Concen: 0.982 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016830.D
Acq: 07 Oct 2020 12:54

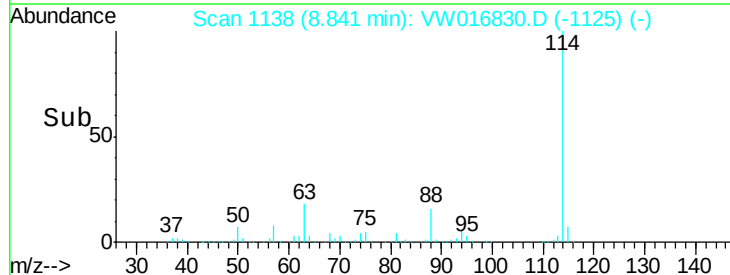
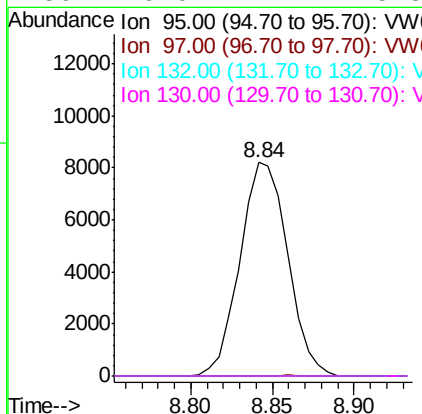
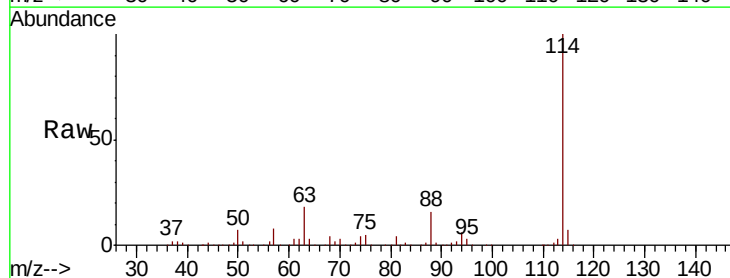
Instrument :
MSVOA_W
ClientSampleId :
C0AT5

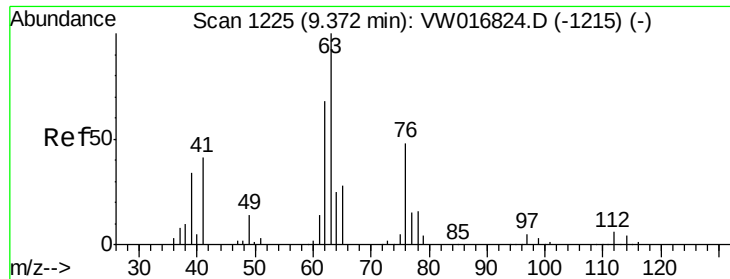
Tot Ion: 84 Resp: 7640
Ion Ratio Lower Upper
84 100
49 99.5 73.1 135.8
86 65.9 46.0 85.4



#35
Trichloroethene
Concen: 2.300 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016830.D
Acq: 07 Oct 2020 12:54

Tgt Ion: 95 Resp: 16670
Ion Ratio Lower Upper
95 100
97 0.0 44.7 83.1#
132 0.0 73.8 137.2#
130 0.0 77.1 143.3#





#40

1,2-Dichloropropane

Concen: 3.257 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016830.D

Acq: 07 Oct 2020 12:54

Instrument :

MSVOA_W

ClientSampled :

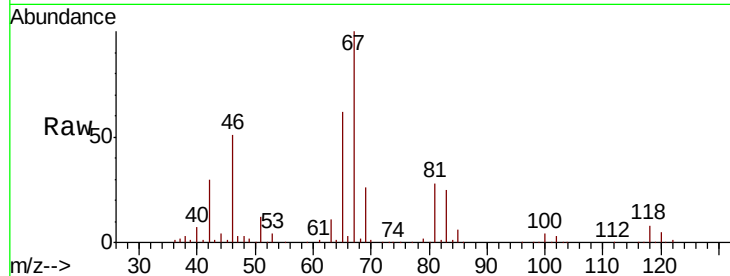
C0AT5

Tot Ion: 63 Resp: 18866

Ion Ratio Lower Upper

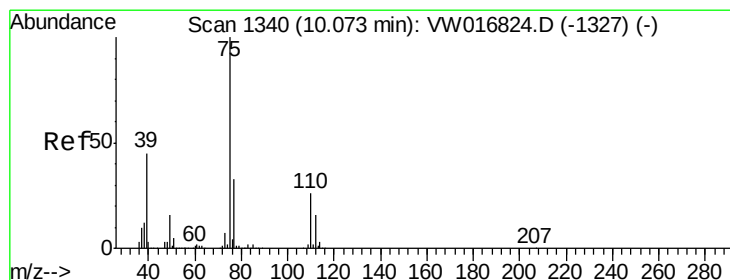
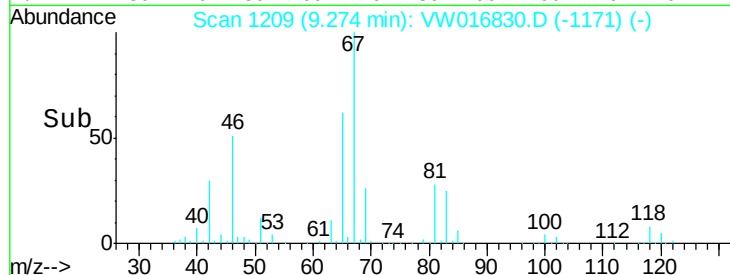
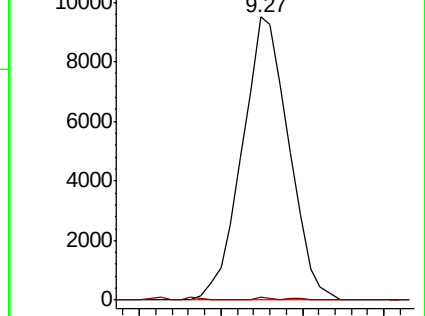
63 100

112 0.3 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016830.D

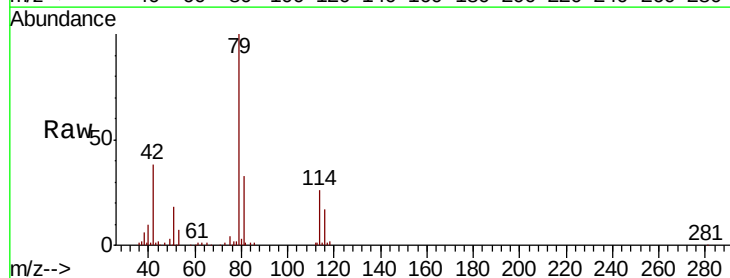
Acq: 07 Oct 2020 12:54

Tgt Ion: 75 Resp: 4614

Ion Ratio Lower Upper

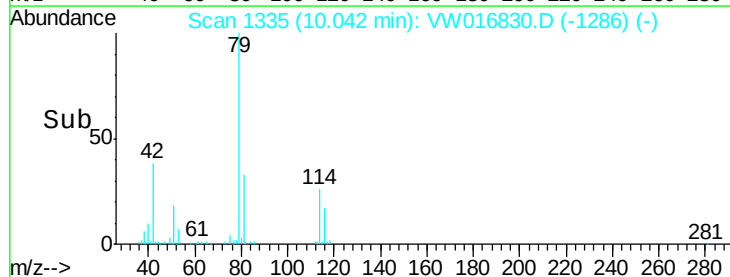
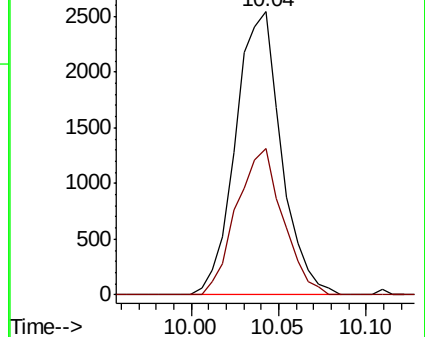
75 100

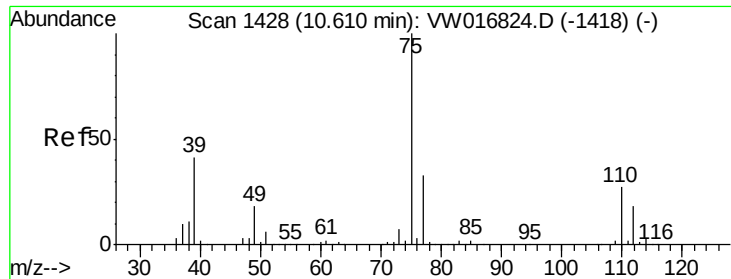
77 51.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016830.D

Acq: 07 Oct 2020 12:54

Instrument :

MSVOA_W

ClientSampleId :

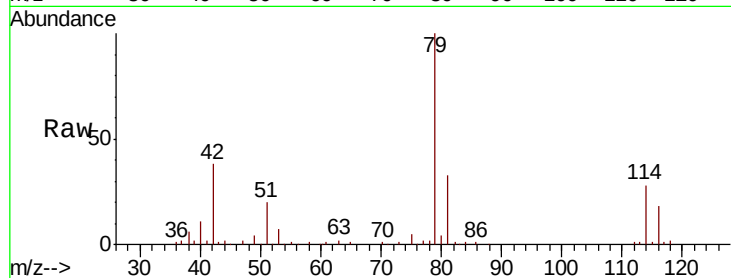
C0AT5

Tot Ion: 75 Resp: 2942

Ion Ratio Lower Upper

75 100

77 34.8 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

