

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017222.D
 Acq On : 13 Nov 2020 18:57
 Operator : SY/VA
 Sample : L4710-07
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AX6

Quant Time: Nov 16 14:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	477524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200009	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121847	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
7) Chloroethane-d5	2.89	69	103745	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.02	63	174401	16.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.84%
20) 2-Butanone-d5	7.08	46	51444	38.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.50%
24) Chloroform-d	7.65	84	262362	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.31	65	134938	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
29) Benzene-d6	8.27	84	516500	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	143781	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	494908	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	56772	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.93	63	41390	38.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114445	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	176092	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

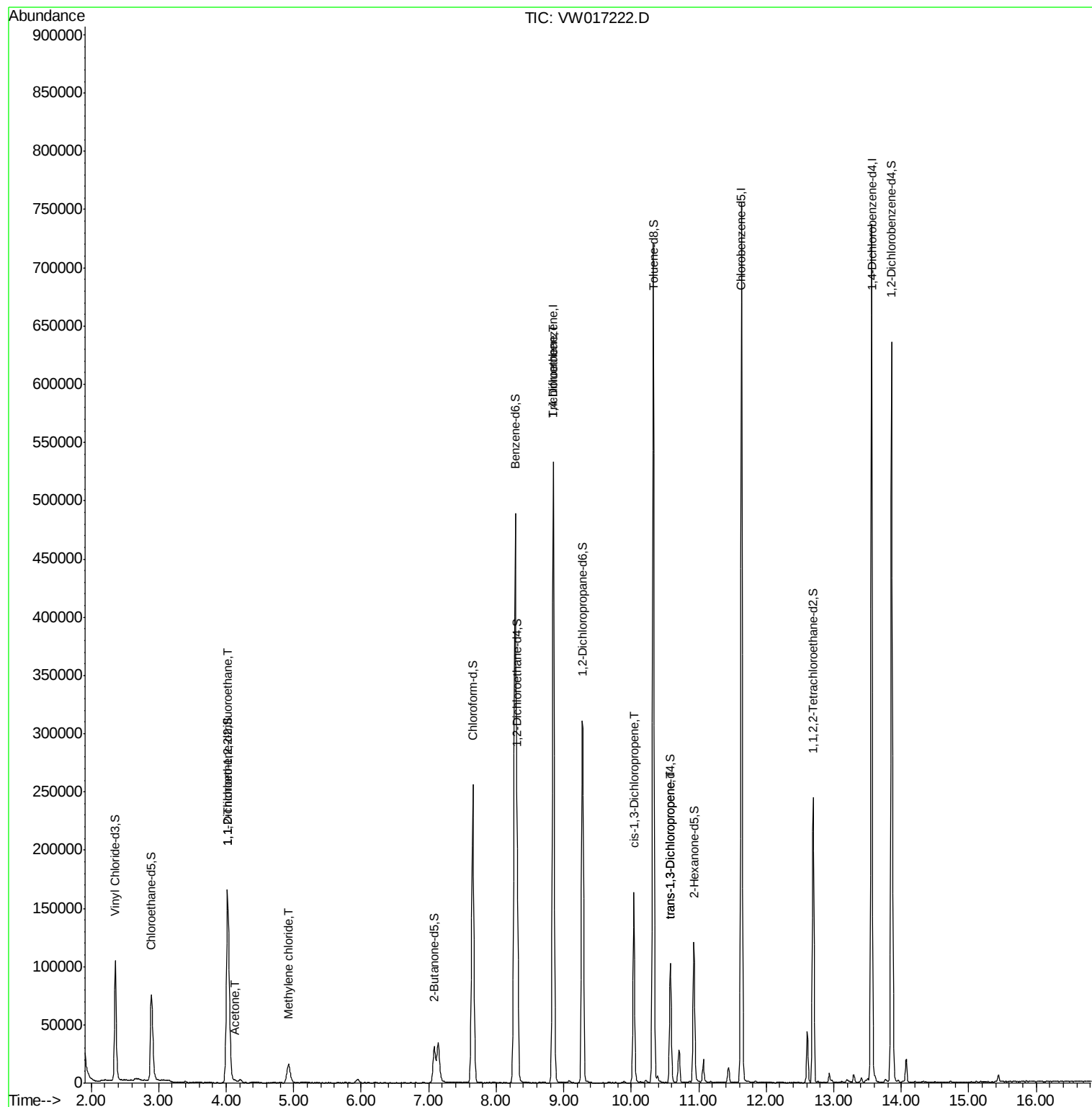
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1834	0.298 ug/L #	17
13) Acetone	4.13	43	2874	3.191 ug/L	96
16) Methylene chloride	4.92	84	14876	2.311 ug/L	94
35) Trichloroethene	8.85	95	14136	2.203 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4337	0.511 ug/L #	57
45) trans-1,3-Dichloropropene	10.58	75	2819	0.387 ug/L	97

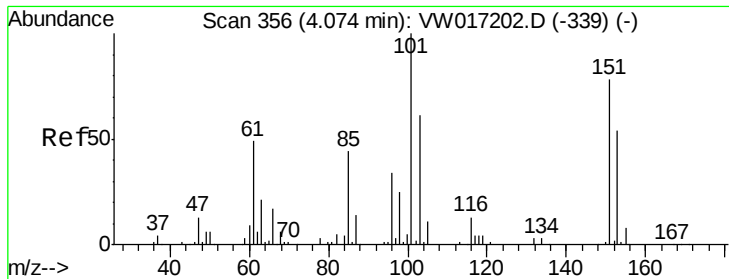
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.298 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017222.D

Acq: 13 Nov 2020 18:57

Instrument :

MSVOA_W

ClientSampled :

C0AX6

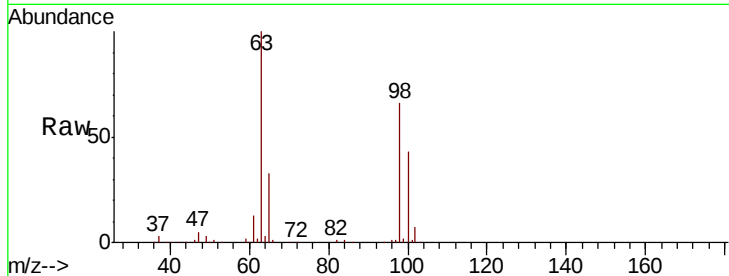
Tot Ion:101 Resp: 1834

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

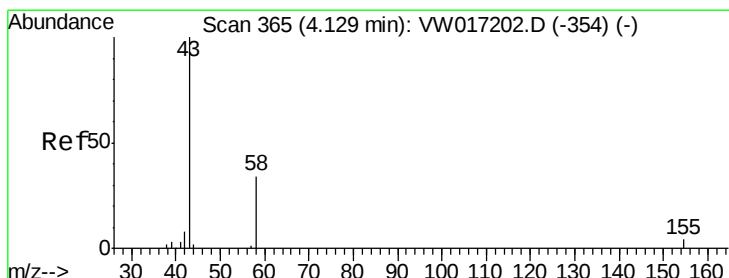
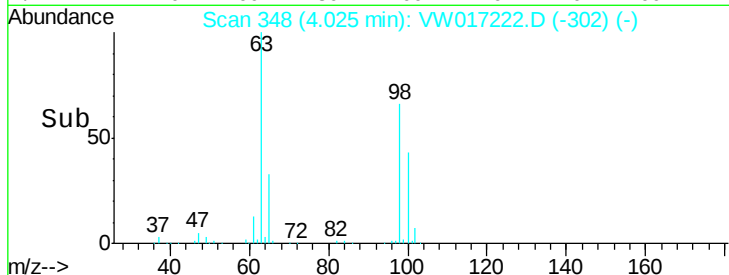
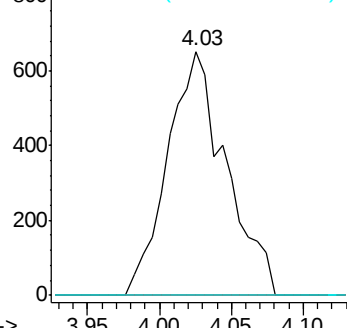
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.191 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017222.D

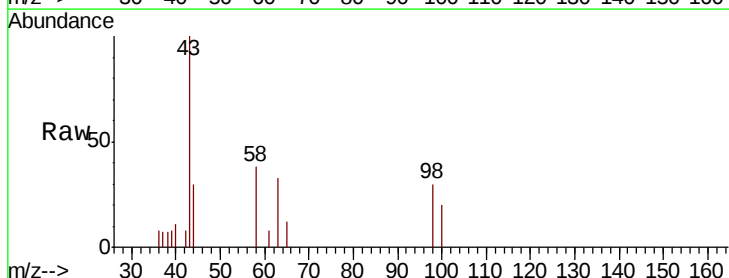
Acq: 13 Nov 2020 18:57

Tgt Ion: 43 Resp: 2874

Ion Ratio Lower Upper

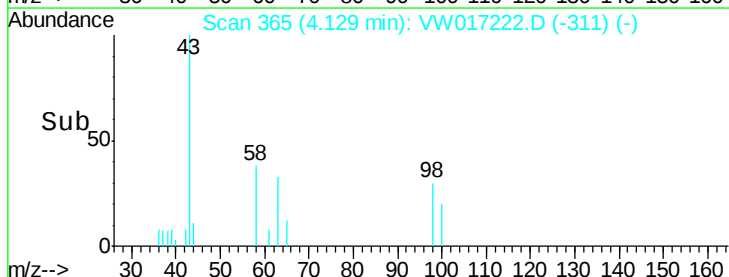
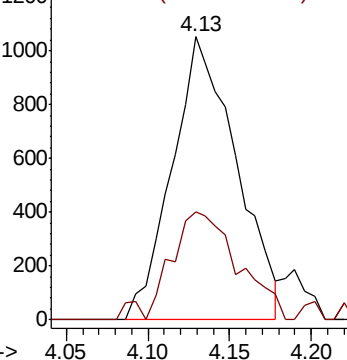
43 100

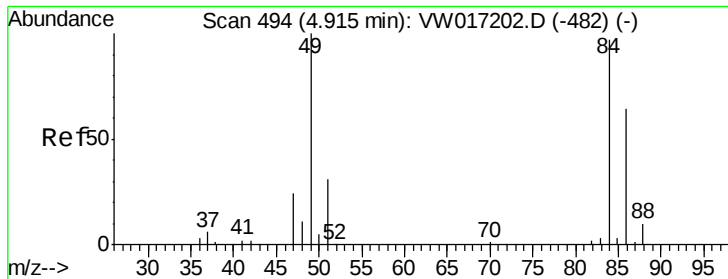
58 32.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

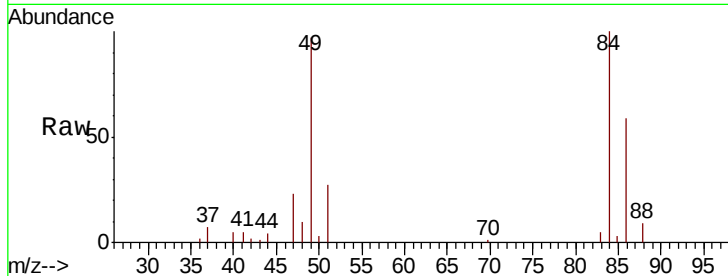




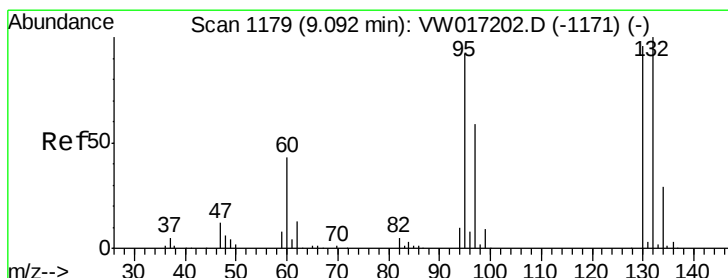
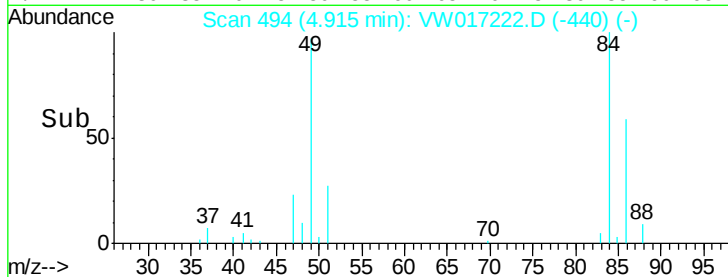
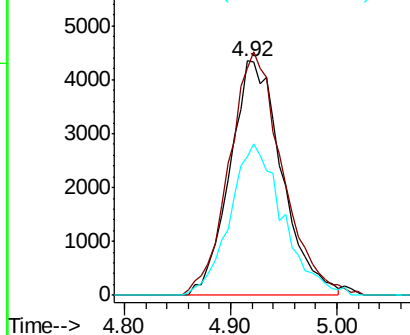
#16
Methvlene chloride
Concen: 2.311 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017222.D
Acq: 13 Nov 2020 18:57

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Tot Ion: 84 Resp: 14876
Ion Ratio Lower Upper
84 100
49 96.7 72.3 134.3
86 59.4 45.1 83.7

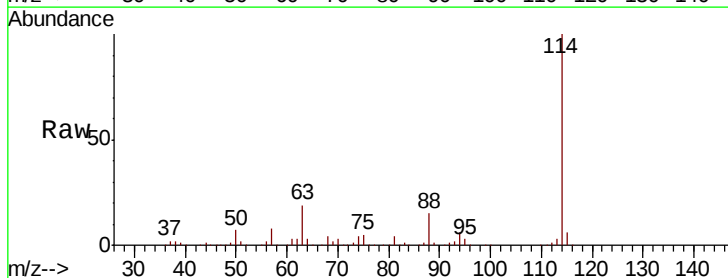


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

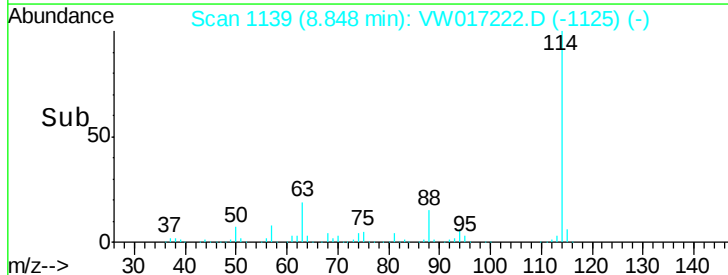
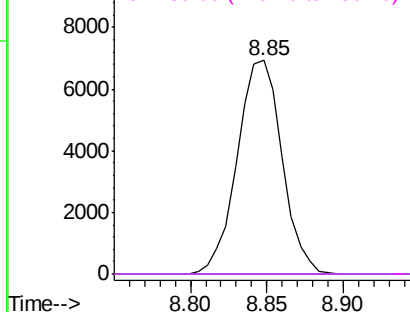


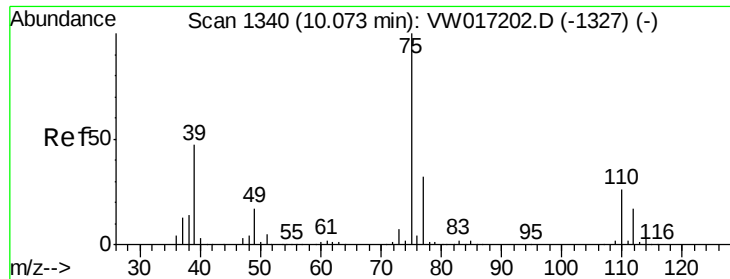
#35
Trichloroethene
Concen: 2.203 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017222.D
Acq: 13 Nov 2020 18:57

Tgt Ion: 95 Resp: 14136
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 73.7 136.9#
130 0.0 77.1 143.1#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017222.D

Acq: 13 Nov 2020 18:57

Instrument :

MSVOA_W

ClientSampled :

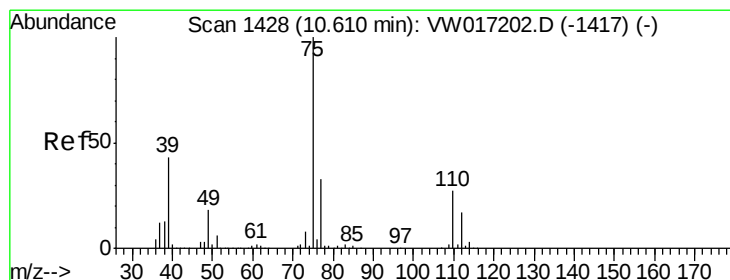
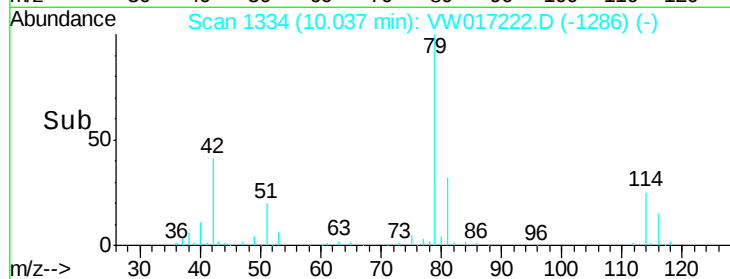
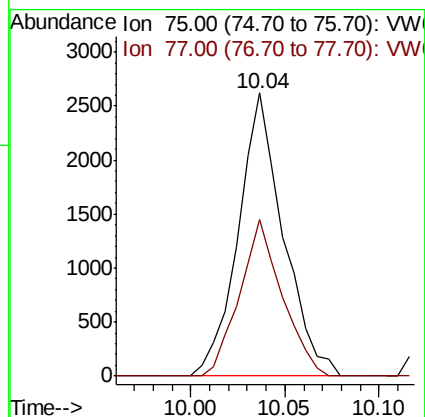
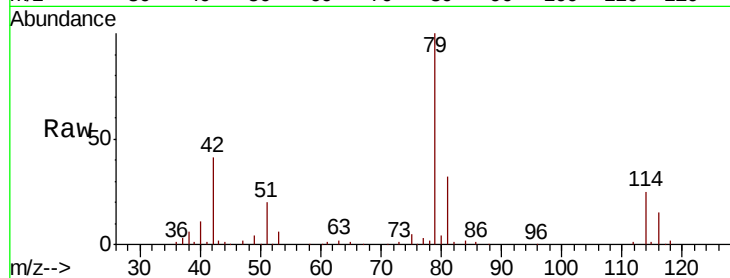
C0AX6

Tot Ion: 75 Resp: 4337

Ion Ratio Lower Upper

75 100

77 55.2 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017222.D

Acq: 13 Nov 2020 18:57

Tgt Ion: 75 Resp: 2819

Ion Ratio Lower Upper

75 100

77 33.2 22.1 41.1

