

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017747.D
 Acq On : 24 Dec 2020 19:56
 Operator : SY/VA
 Sample : VIBLK24
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321266	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	160282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124023	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
7) Chloroethane-d5	2.89	69	103561	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.03	63	160562	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.07	46	53137	59.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.92%
24) Chloroform-d	7.65	84	223026	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.30	65	128077	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	8.27	84	440964	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.27	67	126680	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.56%
37) Toluene-d8	10.32	98	414324	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	54579	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
39) 2-Hexanone-d5	10.92	63	37417	59.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103323	27.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	134507	24.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.40%

Target Compounds

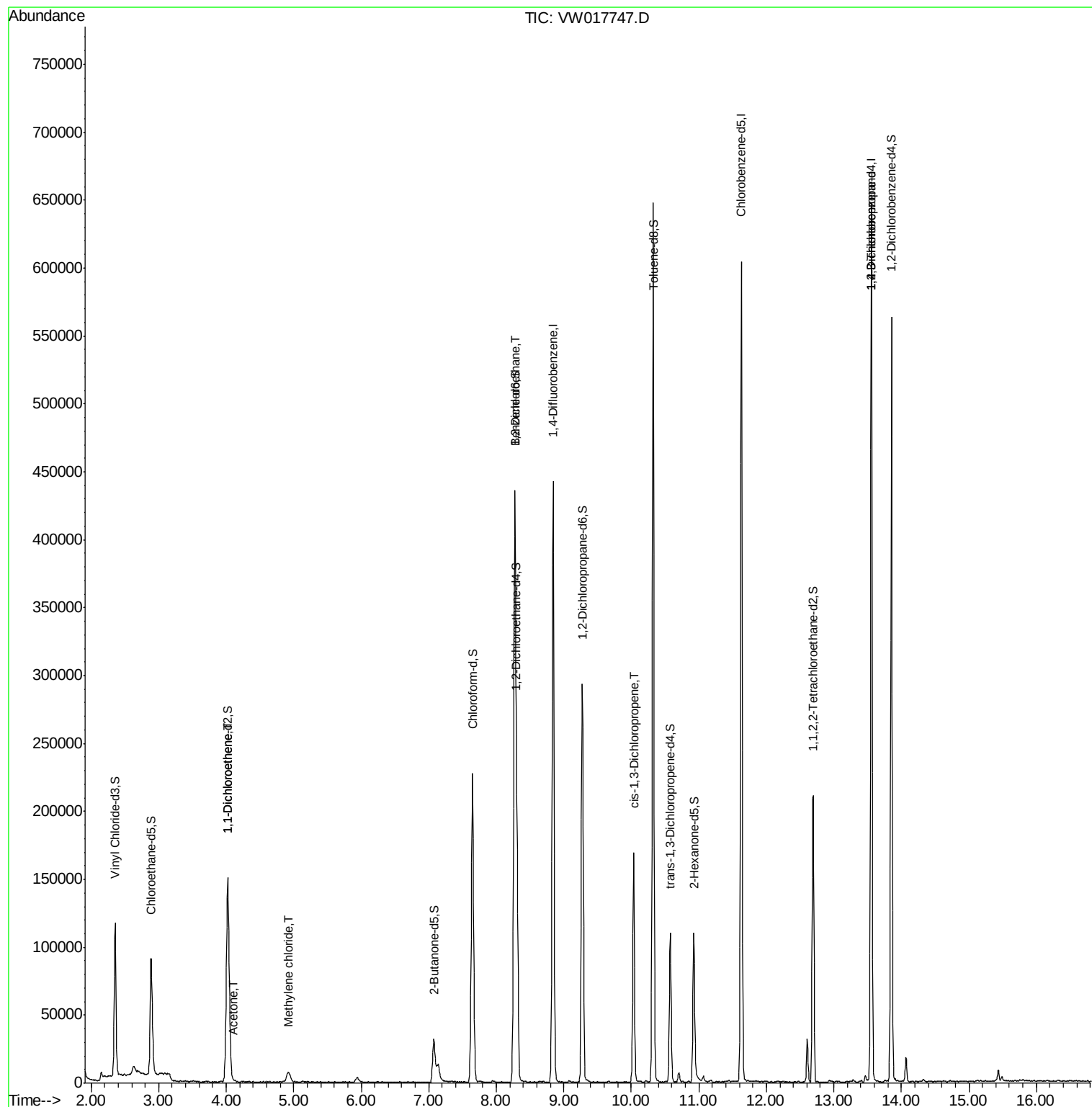
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1315	0.299 ug/L #	1
13) Acetone	4.11	43	279	0.362 ug/L	58
16) Methylene chloride	4.92	84	3382	0.664 ug/L	95
27) 1,2-Dichloroethane	8.28	62	3059	0.555 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5135	0.742 ug/L #	77
59) 1,2,3-Trichloropropane	13.55	75	23180	8.765 ug/L	94

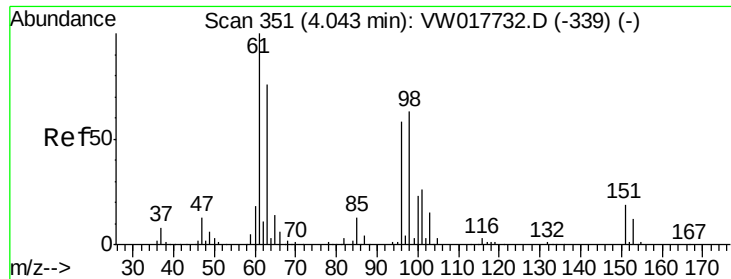
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.299 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017747.D

Acq: 24 Dec 2020 19:56

Instrument :

MSVOA_W

ClientSampled :

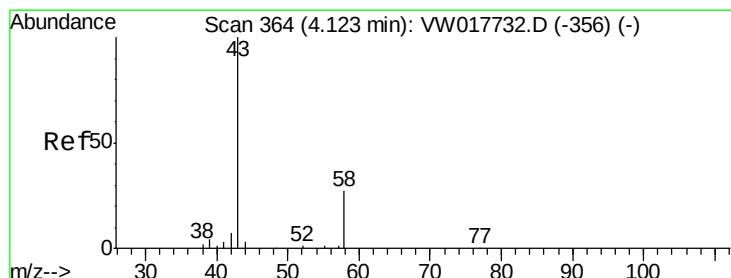
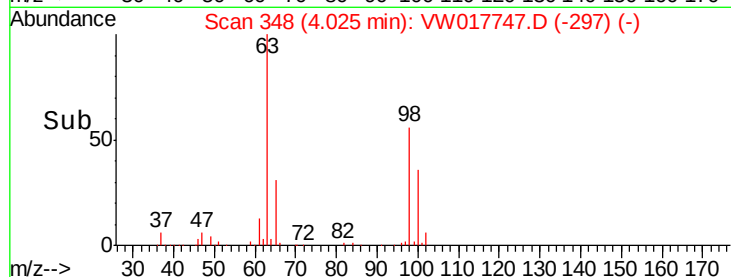
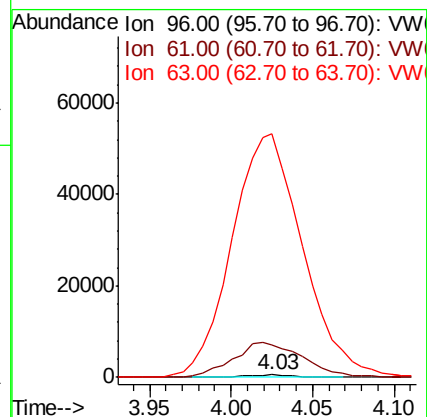
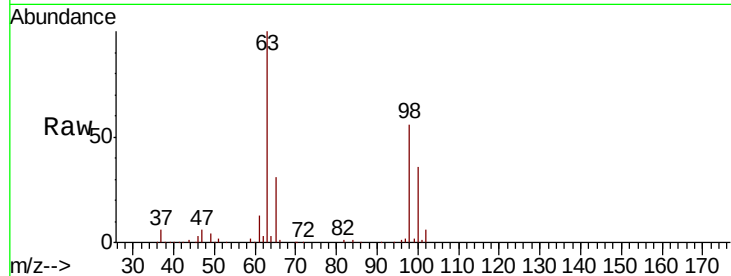
Tot Ion: 96 Resp: 1315

Ion Ratio Lower Upper

96 100

61 1254.0 126.1 234.1#

63 9556.9 90.0 167.2#



#13

Acetone

Concen: 0.362 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW017747.D

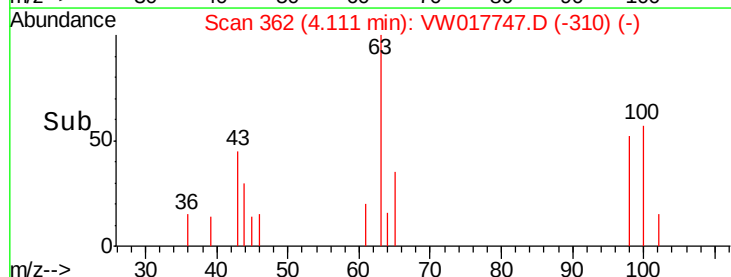
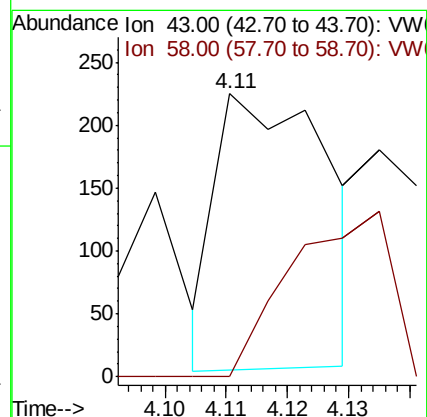
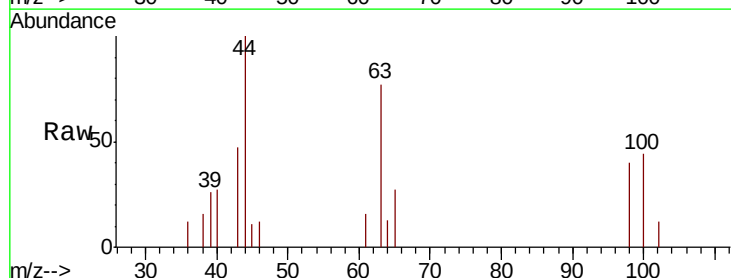
Acq: 24 Dec 2020 19:56

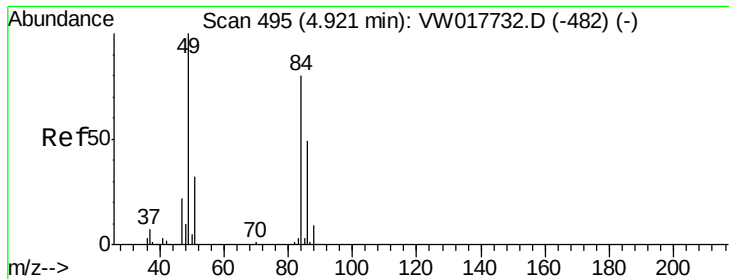
Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

58 53.4 0.0 60.8

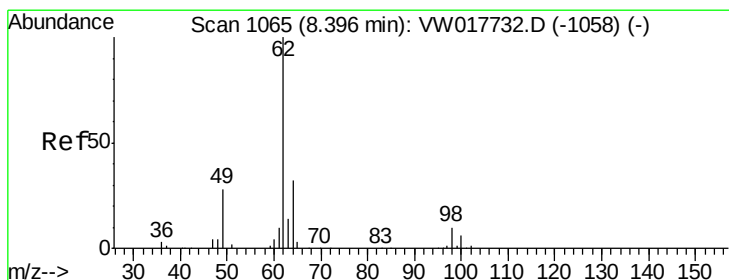
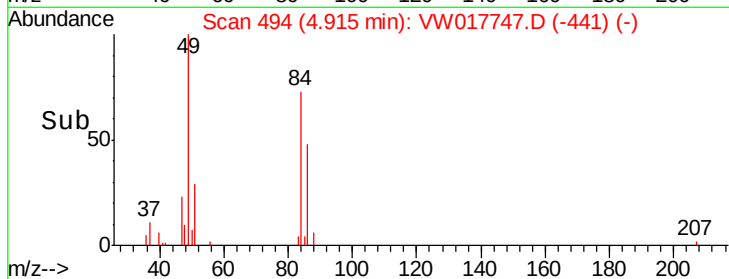
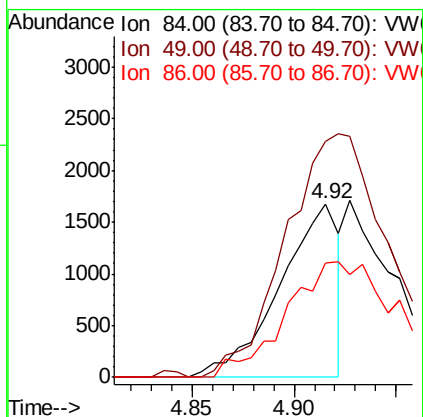
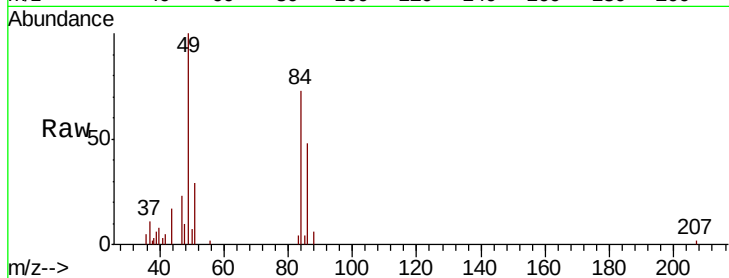




#16
Methylene chloride
Concen: 0.664 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017747.D
Acq: 24 Dec 2020 19:56

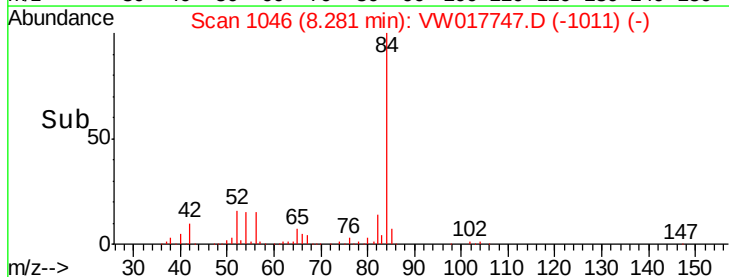
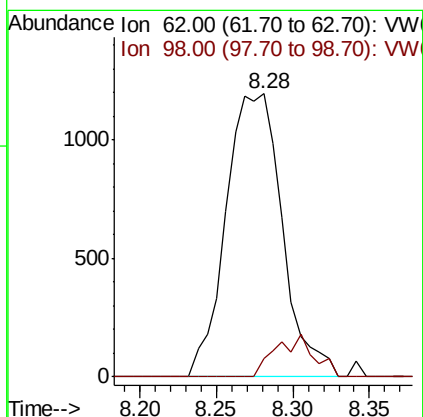
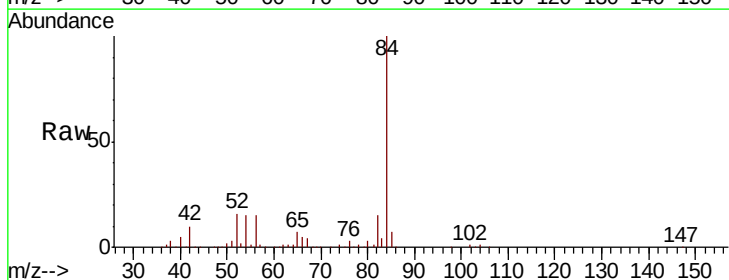
Instrument :
MSVOA_W
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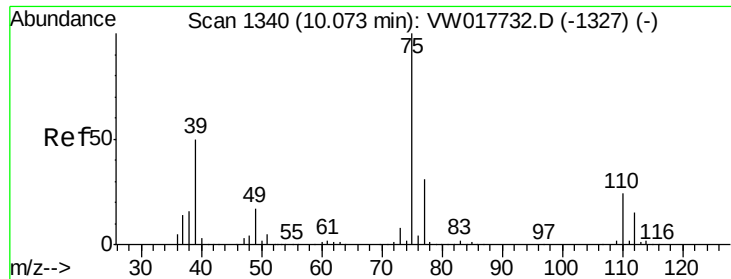
Tot Ion: 84 Resp: 3382
Ion Ratio Lower Upper
84 100
49 136.4 90.5 168.1
86 65.8 44.8 83.2



#27
1,2-Dichloroethane
Concen: 0.555 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW017747.D
Acq: 24 Dec 2020 19:56

Tgt Ion: 62 Resp: 3059
Ion Ratio Lower Upper
62 100
98 6.5 6.3 9.5

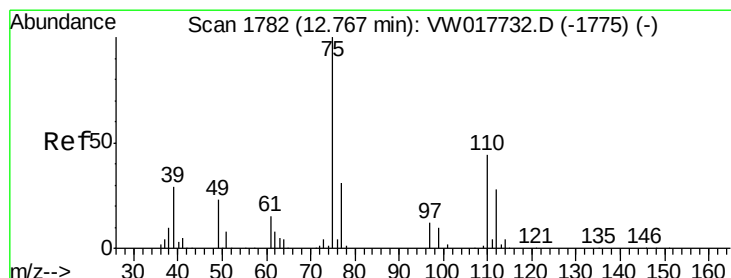
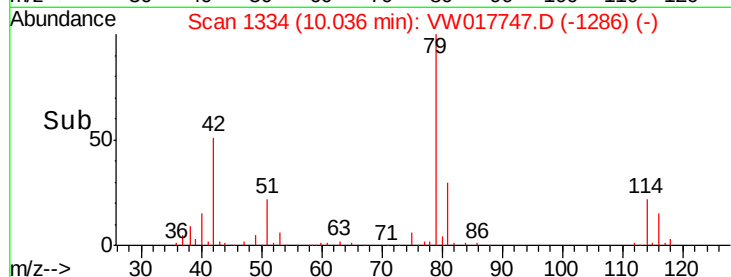
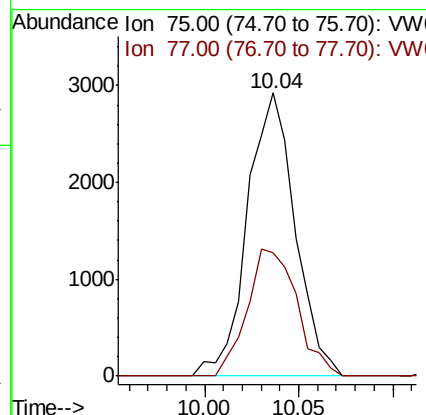
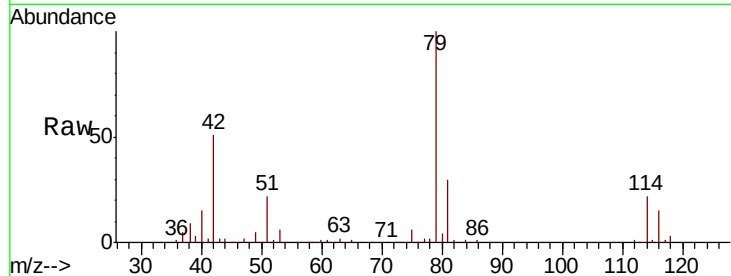




#42
 cis-1,3-Dichloropropene
 Concen: 0.742 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017747.D
 Acq: 24 Dec 2020 19:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 5135
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.6 40.2#



#59
 1,2,3-Trichloropropane
 Concen: 8.765 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW017747.D
 Acq: 24 Dec 2020 19:56

Tgt Ion: 75 Resp: 23180
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.4 38.0

