

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017257.D
 Acq On : 16 Nov 2020 15:20
 Operator : SY/VA
 Sample : L4739-13
 Misc : 6.74G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB100

Quant Time: Nov 17 06:11:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139848	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92880	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.89	69	80707	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
10) 1,1-Dichloroethene-d2	4.02	63	140227	15.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.08%
20) 2-Butanone-d5	7.08	46	58522	52.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.26%
24) Chloroform-d	7.65	84	222687	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.31	65	125754	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	418230	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	9.27	67	120025	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.32	98	394212	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	53360	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.72%
39) 2-Hexanone-d5	10.93	63	47839	56.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112289	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	118794	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

Target Compounds

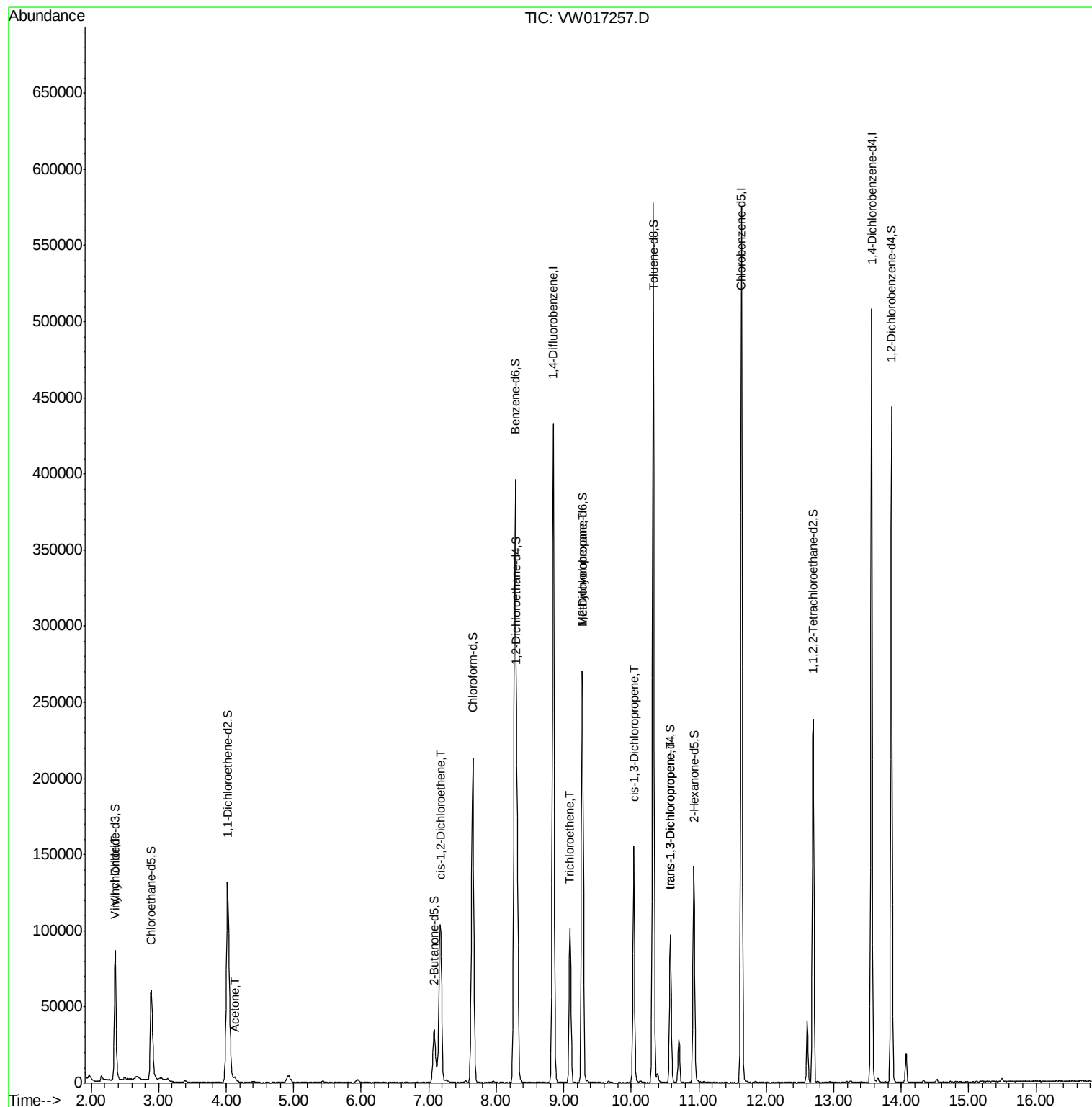
					Ovalue
5) Vinyl chloride	2.37	62	2905	0.551 ug/L #	1
13) Acetone	4.13	43	4931	6.622 ug/L	65
22) cis-1,2-Dichloroethene	7.17	96	67446	12.576 ug/L	97
35) Trichloroethene	9.09	95	33810	6.615 ug/L	99
36) Methylcyclohexane	9.27	83	32317	3.929 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4263	0.631 ug/L #	62
45) trans-1,3-Dichloropropene	10.58	75	2692	0.464 ug/L	92

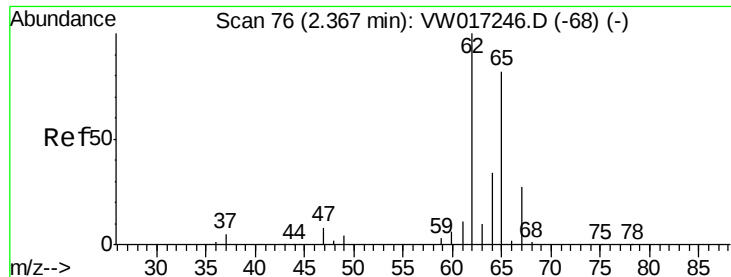
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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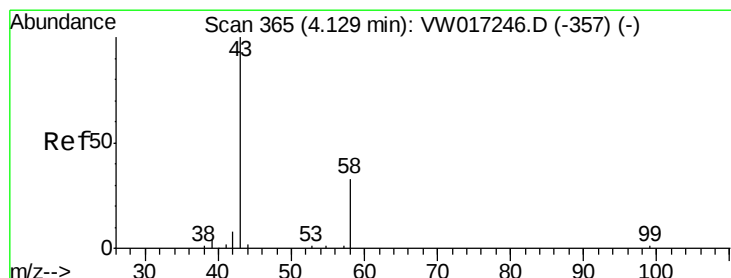
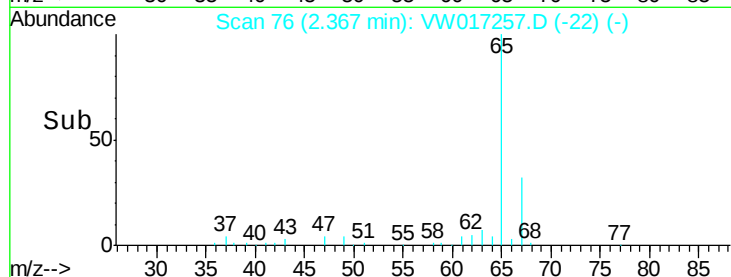
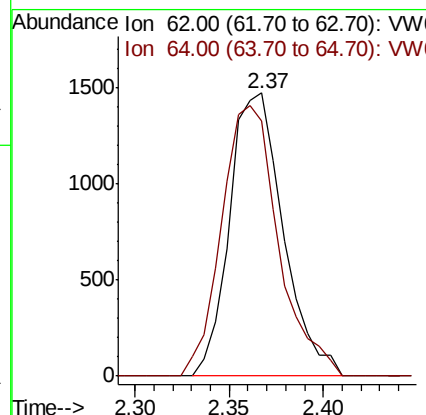
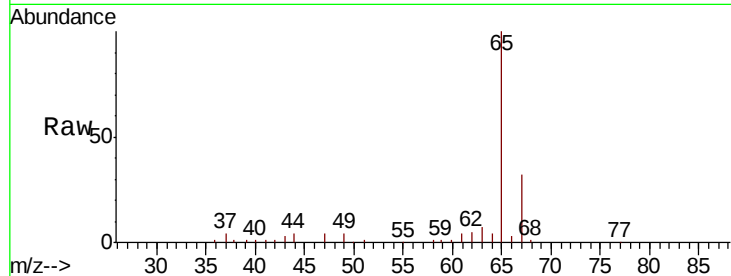




#5
 Vinyl chloride
 Concen: 0.551 ug/L
 RT: 2.37 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: VW017257.D
 Acq: 16 Nov 2020 15:20

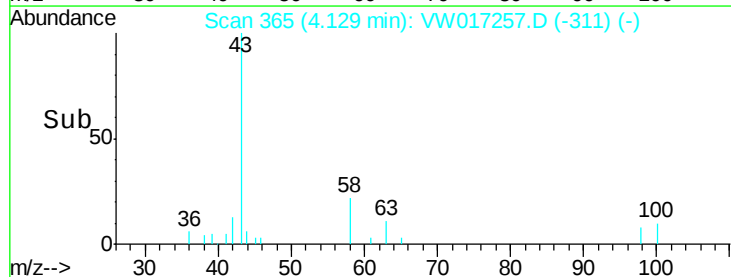
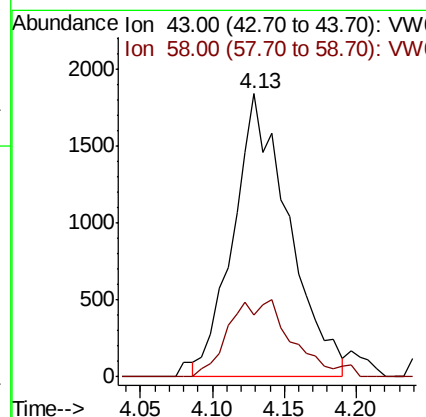
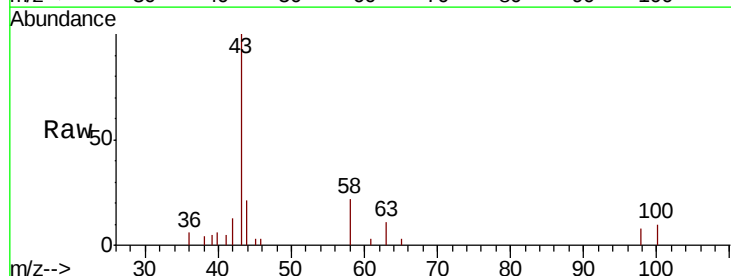
Instrument :
 MSVOA_W
 ClientSampled :
 GB100

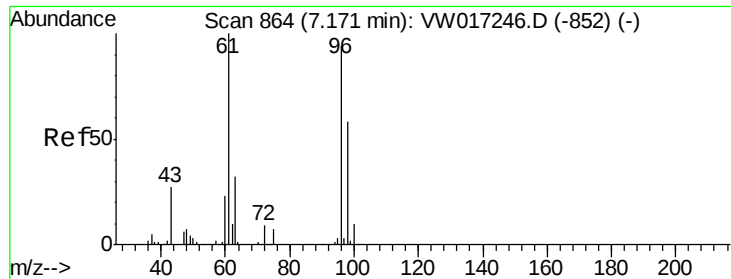
Tot Ion: 62 Resp: 2905
 Ion Ratio Lower Upper
 62 100
 64 90.0 23.3 43.3#



#13
 Acetone
 Concen: 6.622 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW017257.D
 Acq: 16 Nov 2020 15:20

Tgt Ion: 43 Resp: 4931
 Ion Ratio Lower Upper
 43 100
 58 14.4 0.0 69.2



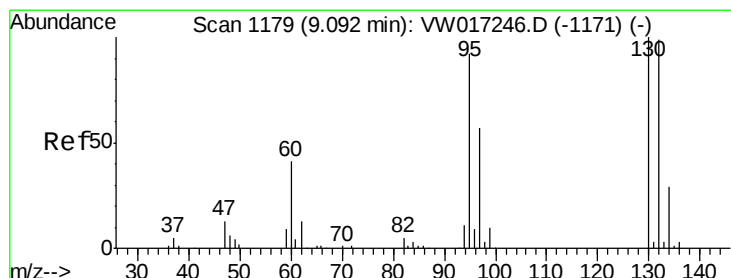
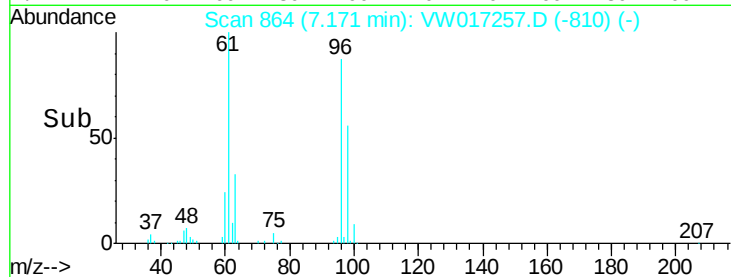
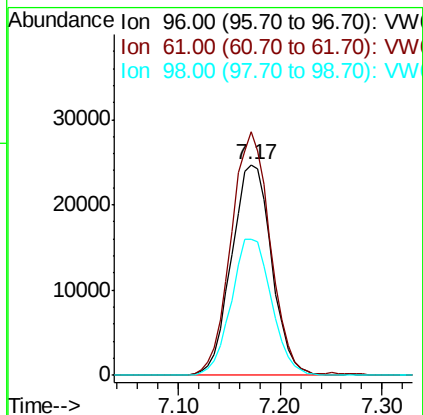
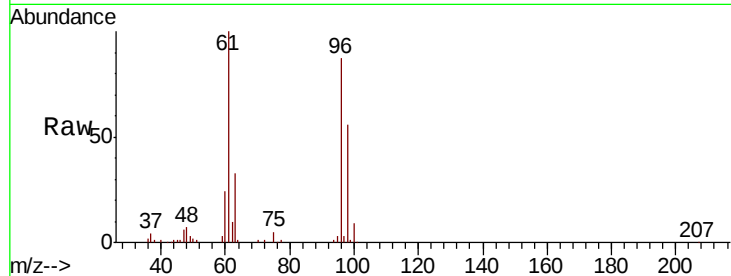


#22

cis-1,2-Dichloroethene
Concen: 12.576 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017257.D
Acq: 16 Nov 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
GB100

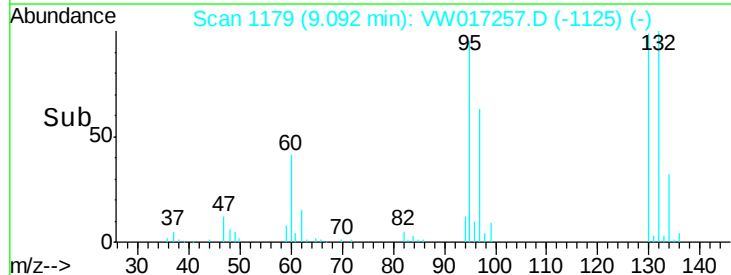
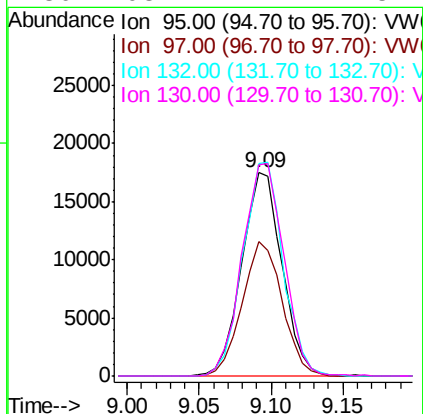
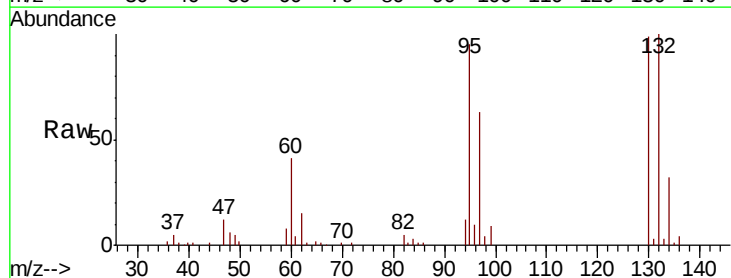
Tot Ion: 96 Resp: 67446
Ion Ratio Lower Upper
96 100
61 115.4 77.4 143.8
98 64.3 45.1 83.7

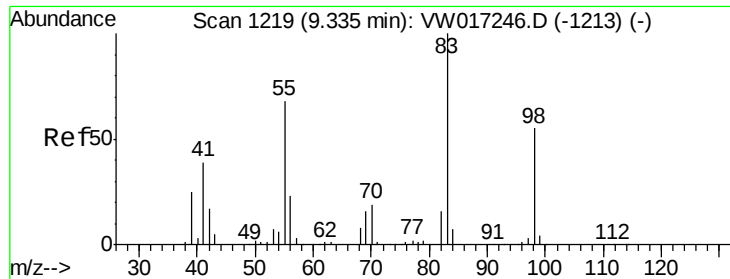


#35

Trichloroethene
Concen: 6.615 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017257.D
Acq: 16 Nov 2020 15:20

Tgt Ion: 95 Resp: 33810
Ion Ratio Lower Upper
95 100
97 65.9 45.0 83.6
132 105.5 73.7 136.9
130 108.4 77.1 143.1





#36

Methylcyclohexane

Concen: 3.929 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017257.D

Acq: 16 Nov 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

GB100

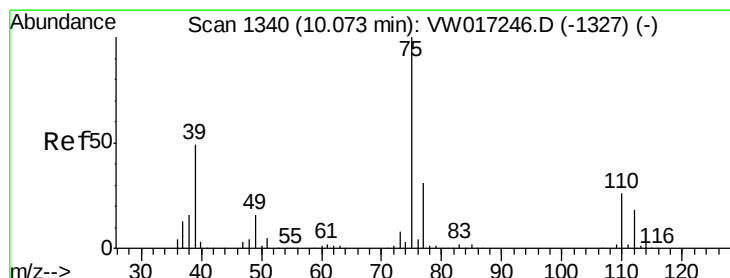
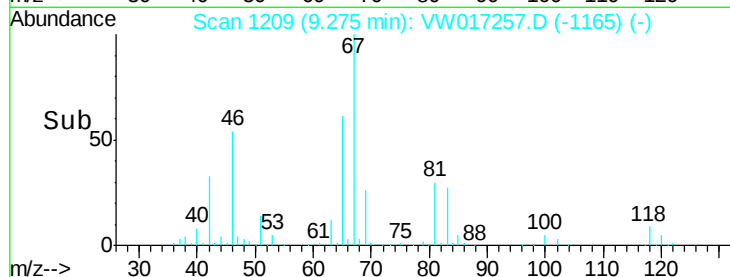
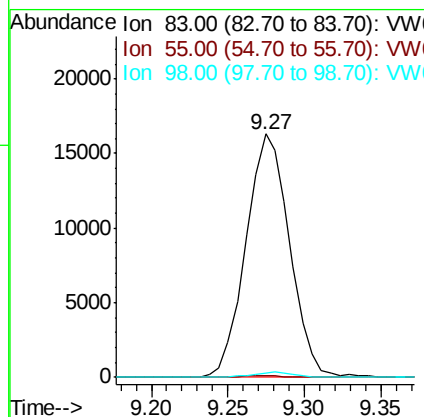
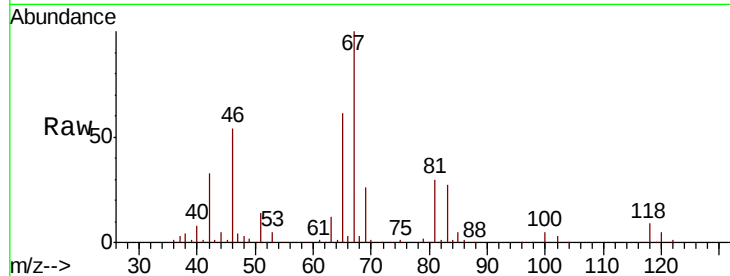
Tot Ion: 83 Resp: 32317

Ion Ratio Lower Upper

83 100

55 0.4 54.4 81.6#

98 2.0 40.5 60.7#



#42

cis-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017257.D

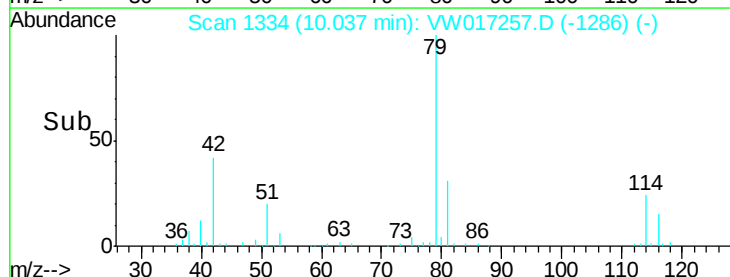
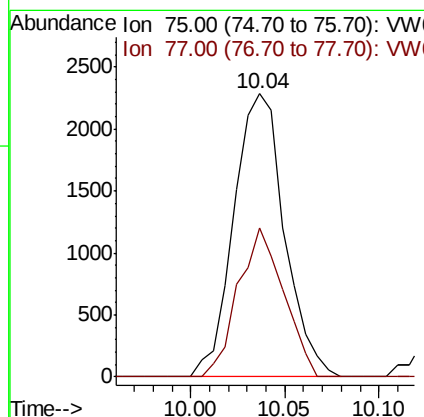
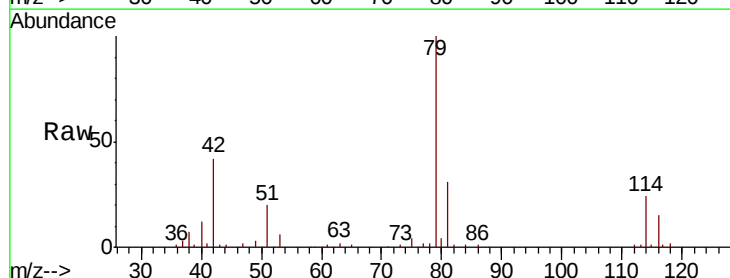
Acq: 16 Nov 2020 15:20

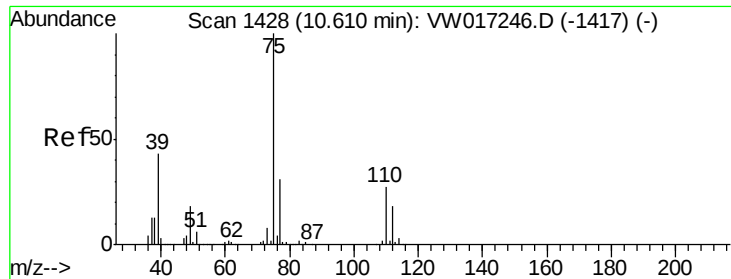
Tgt Ion: 75 Resp: 4263

Ion Ratio Lower Upper

75 100

77 52.5 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017257.D

Acq: 16 Nov 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

GB100

Tot Ion: 75 Resp: 2692

Ion Ratio Lower Upper

75 100

77 35.9 22.1 41.1

