

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017254.D
 Acq On : 16 Nov 2020 14:09
 Operator : SY/VA
 Sample : L4739-10
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z7

Quant Time: Nov 17 06:10:45 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	422353	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94957	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	2.89	69	82971	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.02	63	145262	15.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.08%
20) 2-Butanone-d5	7.08	46	58296	49.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.00%
24) Chloroform-d	7.65	84	228539	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	129165	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	8.27	84	441400	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	9.27	67	126383	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.33	98	422801	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.28%
38) trans-1,3-Dichloropropene-	10.58	79	58050	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.93	63	50320	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	121615	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	170818	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

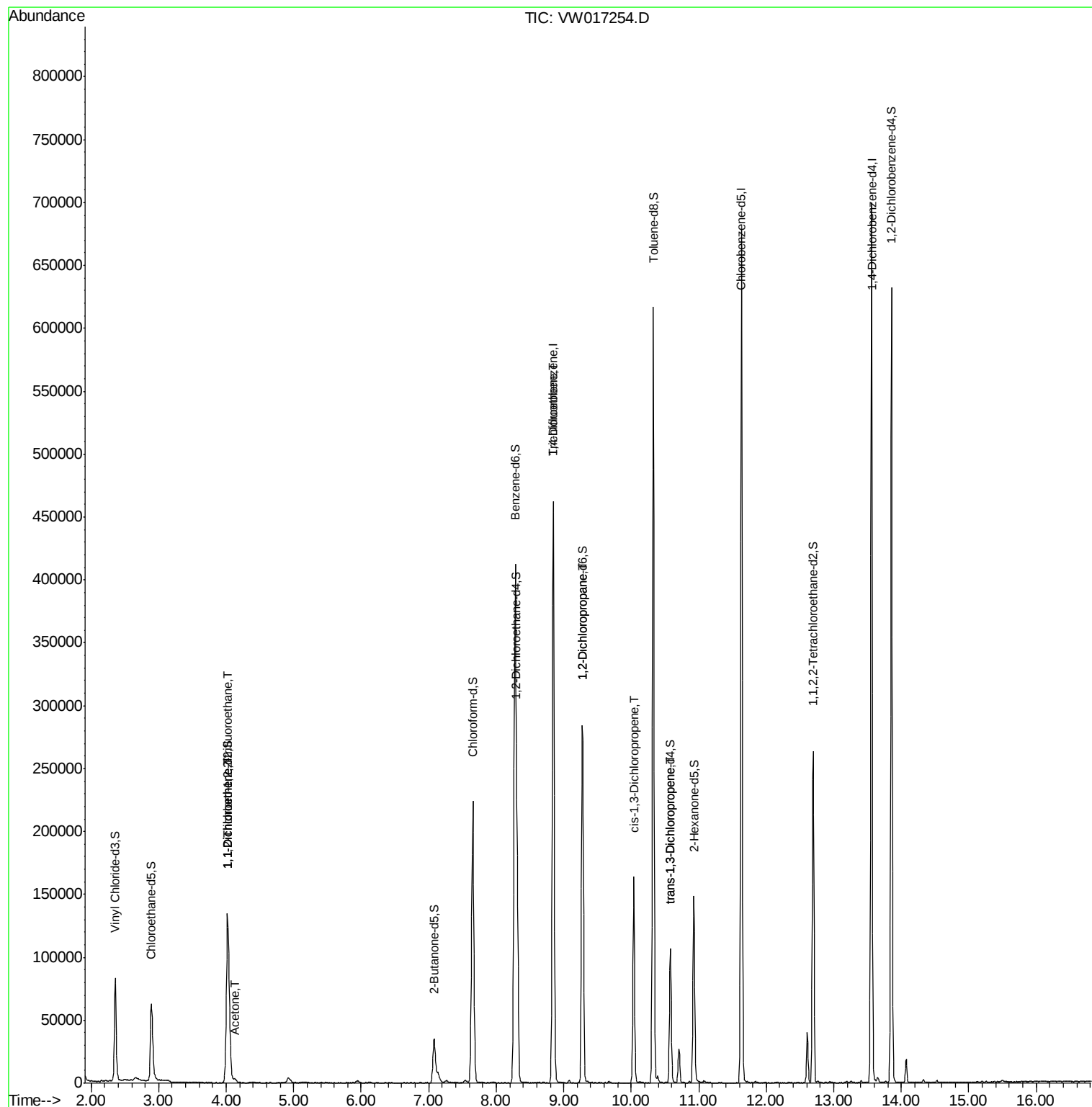
				Ovalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1498	0.275 ug/L #	17
12) 1,1-Dichloroethene	4.03	96	1443	0.275 ug/L #	1
13) Acetone	4.14	43	3919	4.920 ug/L	68
35) Trichloroethene	8.84	95	12248	2.111 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	15272	3.154 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4766	0.621 ug/L #	60
45) trans-1,3-Dichloropropene	10.58	75	2807	0.426 ug/L #	82

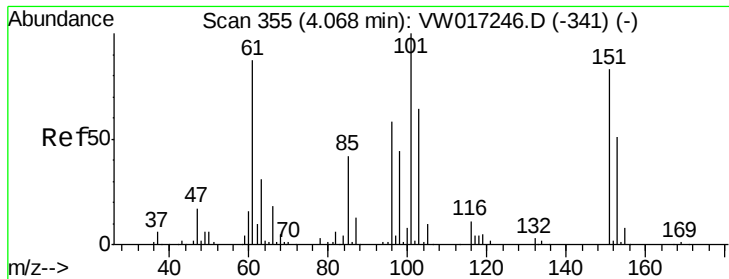
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.275 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017254.D

Acq: 16 Nov 2020 14:09

Instrument :

MSVOA_W

ClientSampleId :

GB0Z7

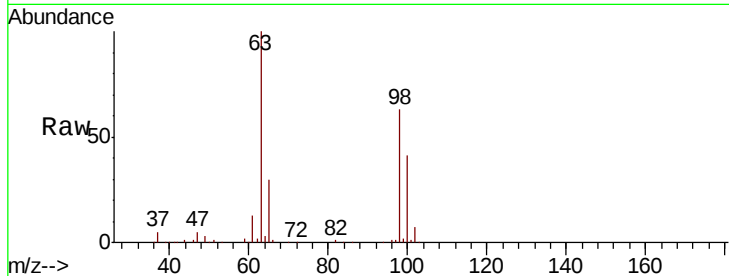
Tot Ion:101 Resp: 1498

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

4.02

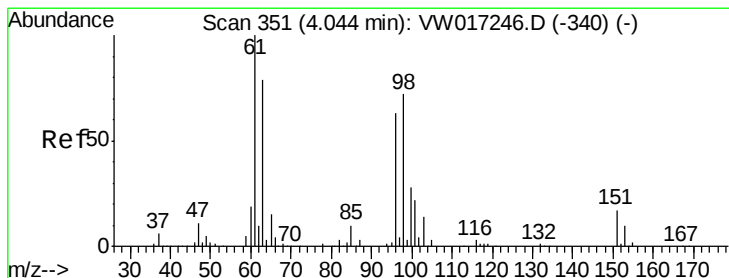
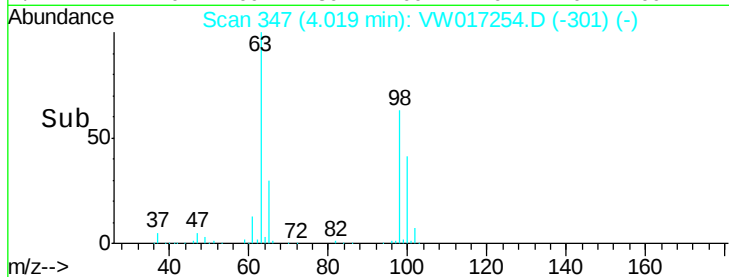
600

400

200

0

Time--> 3.95 4.00 4.05



#12

1,1-Dichloroethene

Concen: 0.275 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017254.D

Acq: 16 Nov 2020 14:09

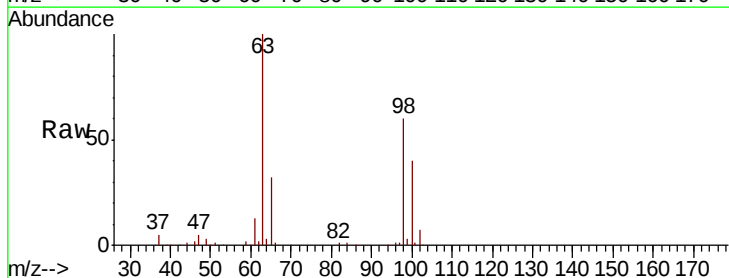
Tgt Ion: 96 Resp: 1443

Ion Ratio Lower Upper

96 100

61 1228.2 103.8 192.8#

63 9430.6 84.4 156.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

4.03

60000

50000

40000

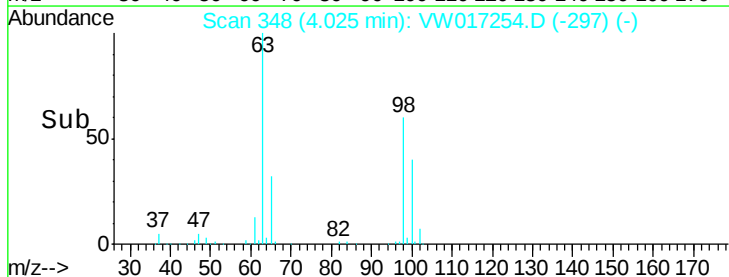
30000

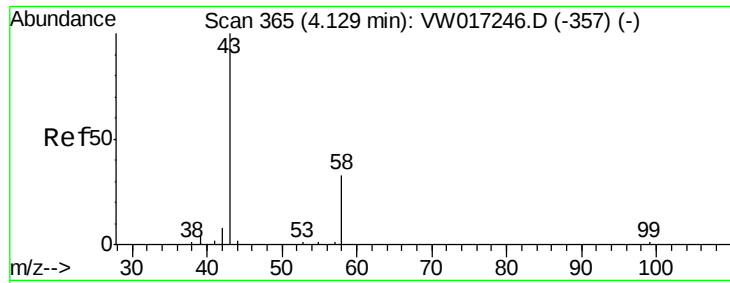
20000

10000

0

Time--> 3.95 4.00 4.05 4.10





#13

Acetone

Concen: 4.920 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017254.D

Acq: 16 Nov 2020 14:09

Instrument :

MSVOA_W

ClientSampled :

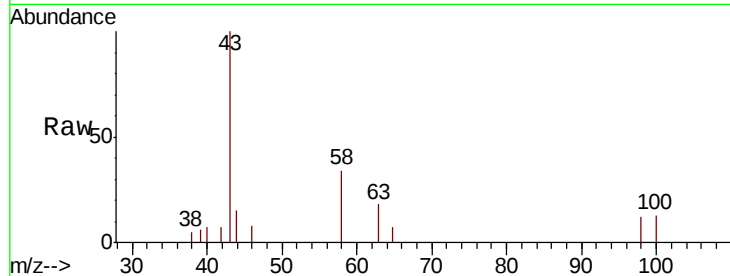
GB0Z7

Tot Ion: 43 Resp: 3919

Ion Ratio Lower Upper

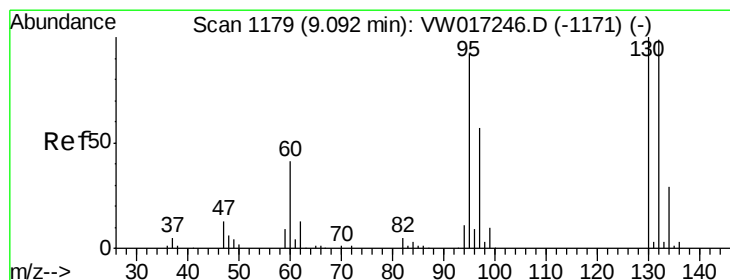
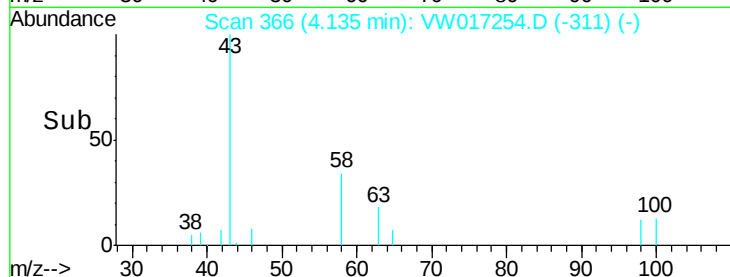
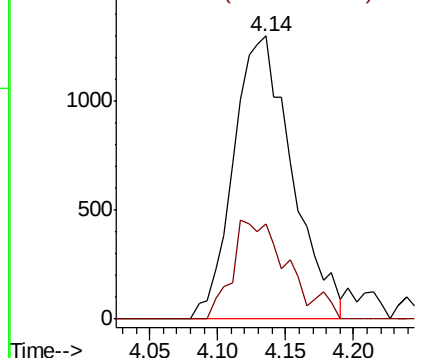
43 100

58 15.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.111 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017254.D

Acq: 16 Nov 2020 14:09

Tgt Ion: 95 Resp: 12248

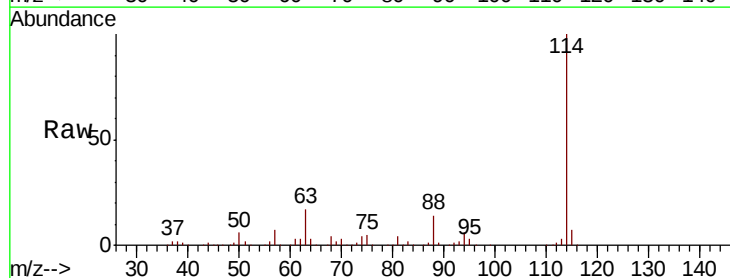
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

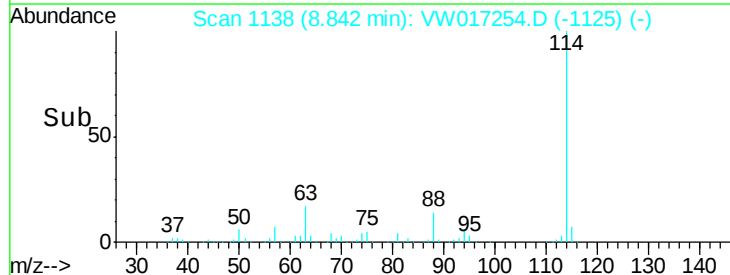
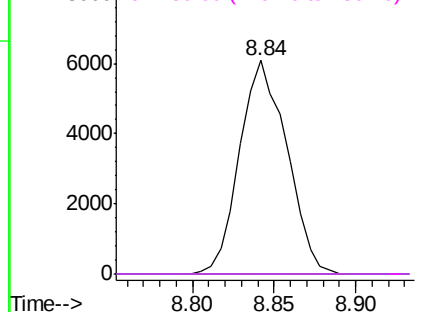


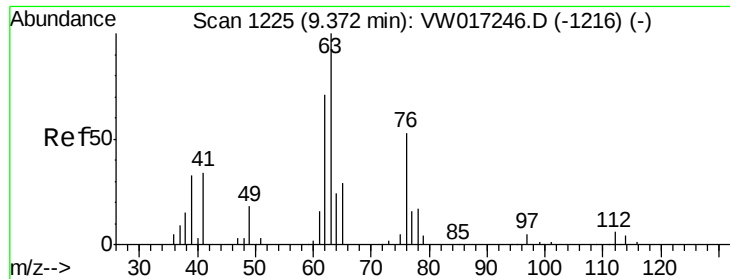
Abundance Ion 95.00 (94.70 to 95.70): VW

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

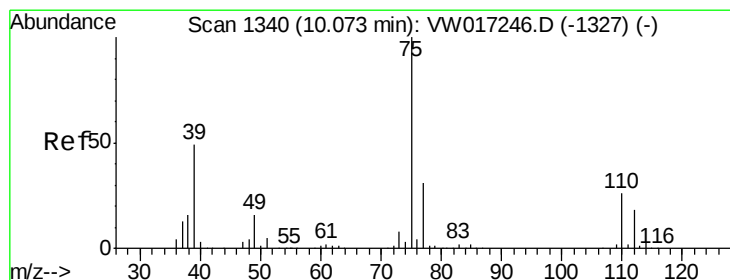
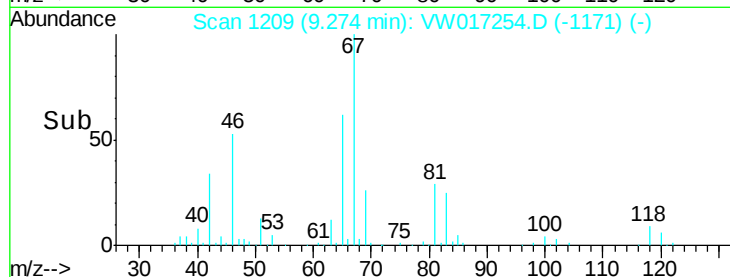
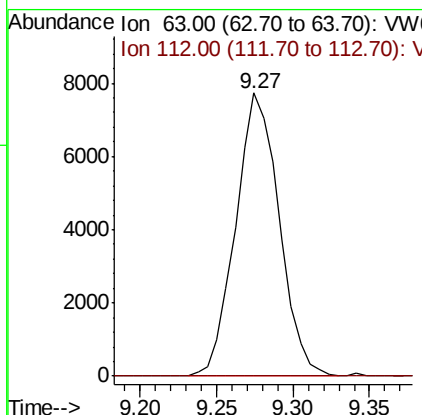
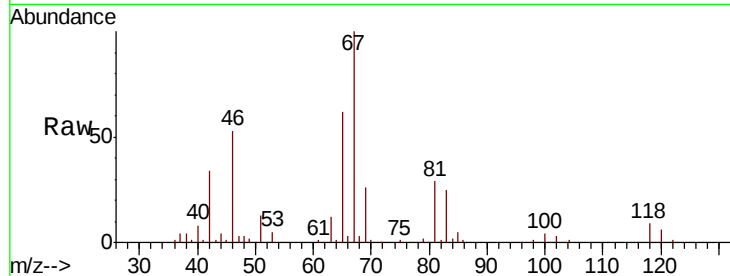




#40
 1,2-Dichloropropane
 Concen: 3.154 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017254.D
 Acq: 16 Nov 2020 14:09

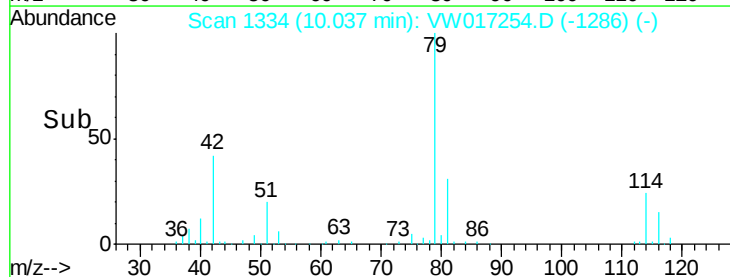
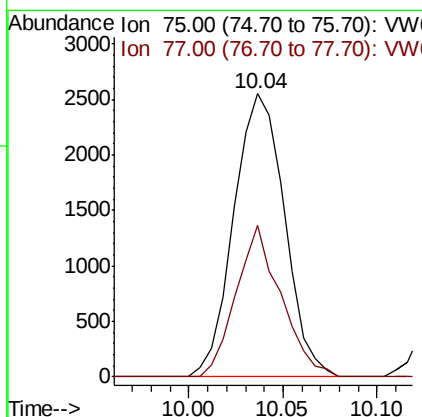
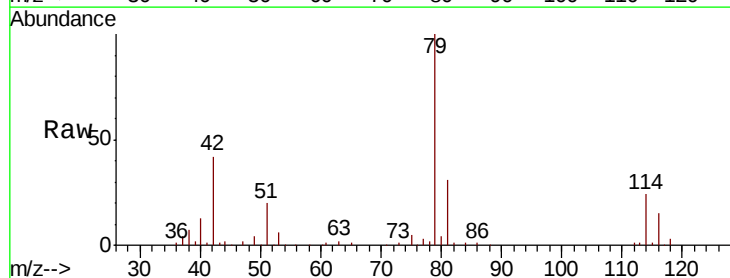
Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z7

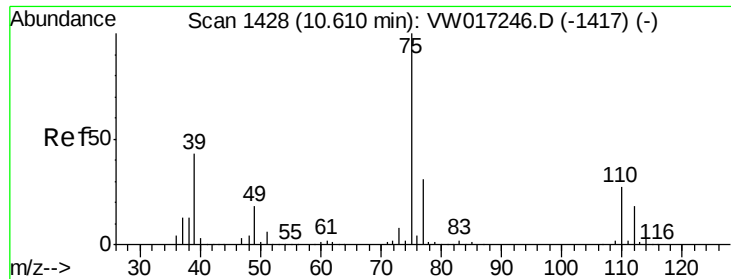
Tot Ion: 63 Resp: 15272
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.621 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017254.D
 Acq: 16 Nov 2020 14:09

Tgt Ion: 75 Resp: 4766
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017254.D

Acq: 16 Nov 2020 14:09

Instrument :

MSVOA_W

ClientSampleId :

GB0Z7

Tot Ion: 75 Resp: 2807

Ion Ratio Lower Upper

75 100

77 41.7 22.1 41.1#

