

Data File : VW017367.D
Acq On : 19 Nov 2020 13:25
Operator : SY/VA
Sample : L4793-01
Misc : 6.121G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA0

Quant Time: Nov 20 01:20:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	459317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120425	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.89	69	94833	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.24%
10) 1,1-Dichloroethene-d2	4.03	63	150426	12.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.60%
20) 2-Butanone-d5	7.08	46	33409	29.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.84%
24) Chloroform-d	7.65	84	197441	16.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.44%
26) 1,2-Dichloroethane-d4	8.31	65	96867	16.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.44%#
29) Benzene-d6	8.27	84	393657	16.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.76%
33) 1,2-Dichloropropane-d6	9.27	67	105781	16.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.32%#
37) Toluene-d8	10.32	98	366432	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.00%
38) trans-1,3-Dichloropropene-	10.58	79	43147	15.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.08%
39) 2-Hexanone-d5	10.93	63	25388	30.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77045	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	127107	16.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.72%#

Target Compounds

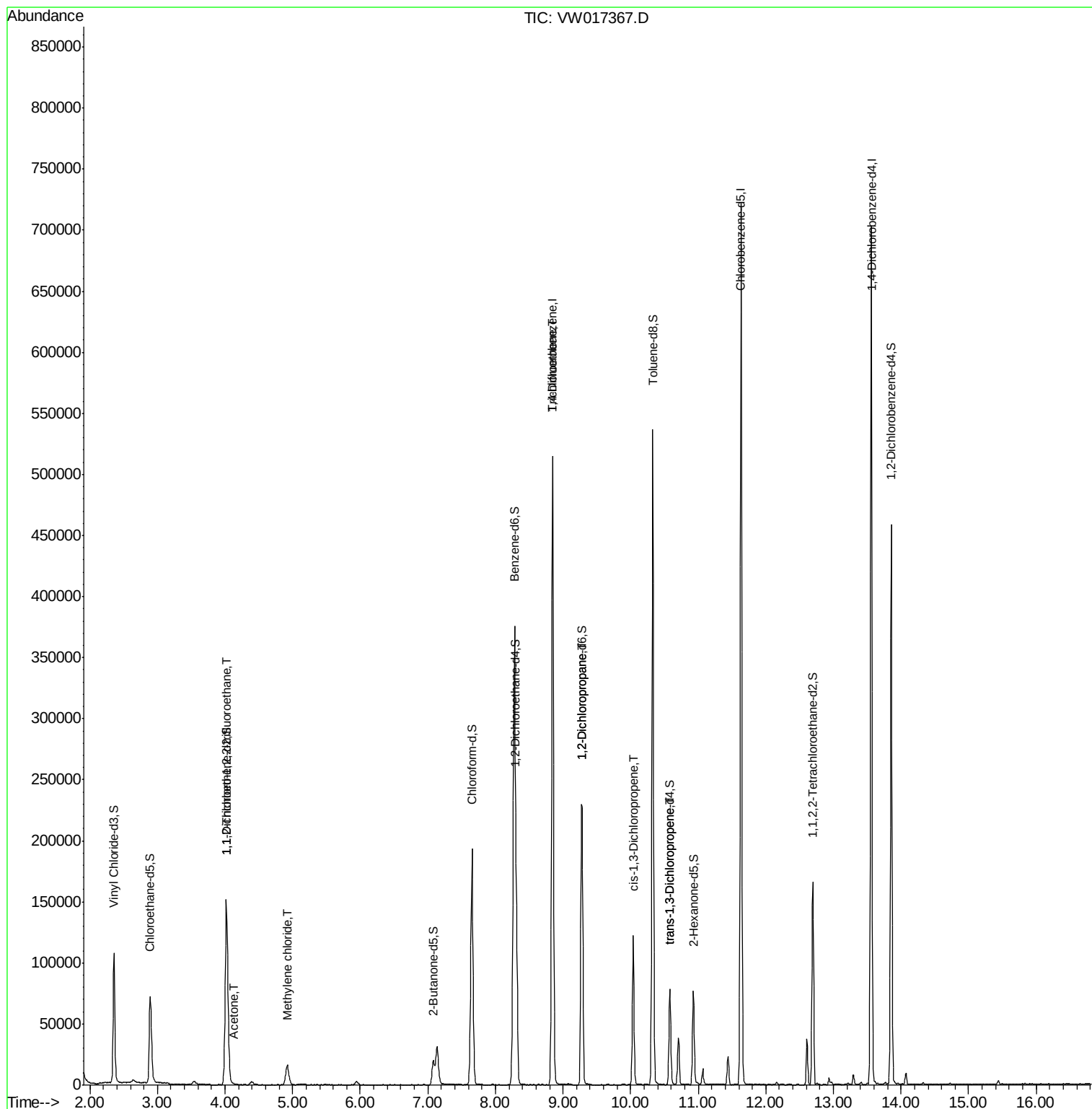
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1756	0.279	ug/L #	16
13) Acetone	4.13	43	1089	1.337	ug/L	72
16) Methylene chloride	4.92	84	13842	1.762	ug/L	97
35) Trichloroethene	8.84	95	13349	1.996	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12201	2.282	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3126	0.377	ug/L #	68
45) trans-1,3-Dichloropropene	10.59	75	2180	0.310	ug/L #	72

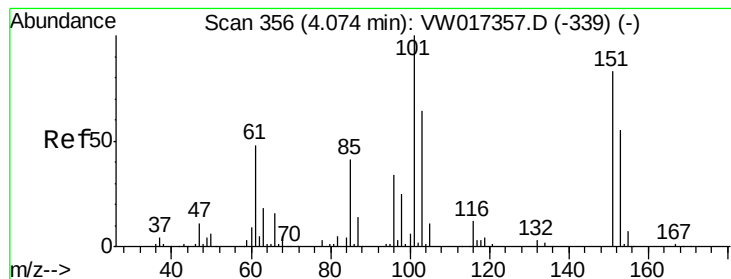
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.279 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017367.D

Acq: 19 Nov 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

C0BA0

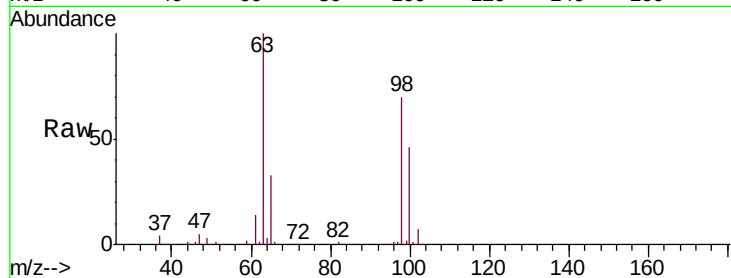
Tgt Ion: 101 Resp: 1756

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

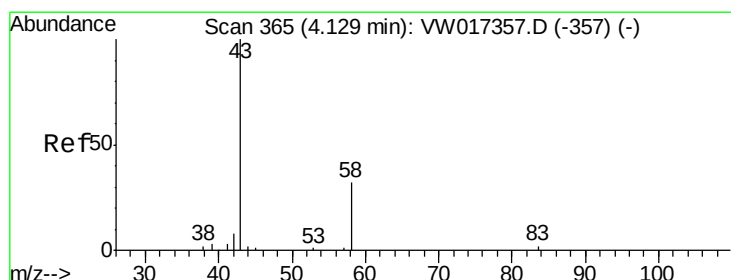
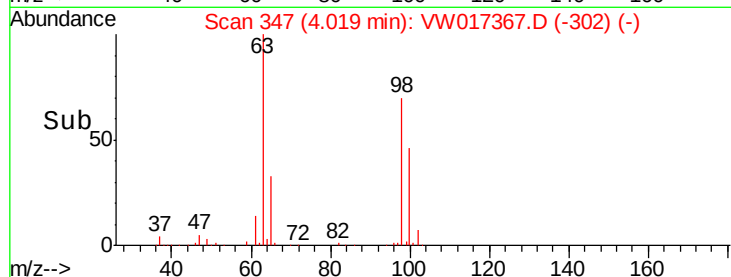
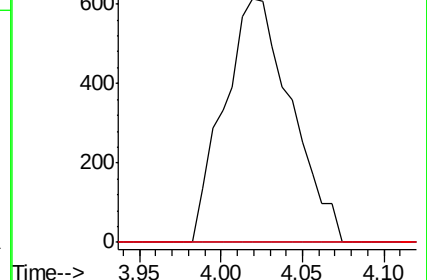
151 0.0 66.3 99.5#



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: 1.337 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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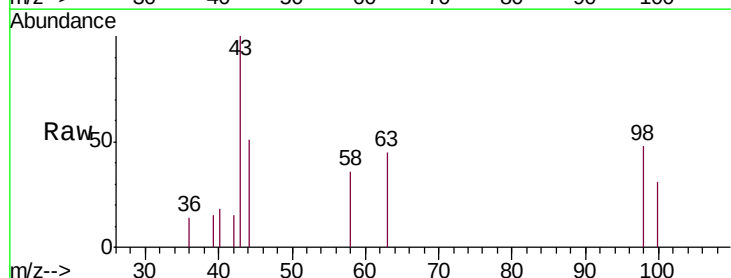
Acq: 19 Nov 2020 13:25

Tgt Ion: 43 Resp: 1089

Ion Ratio Lower Upper

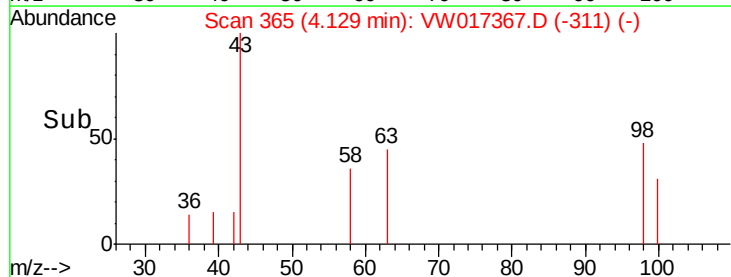
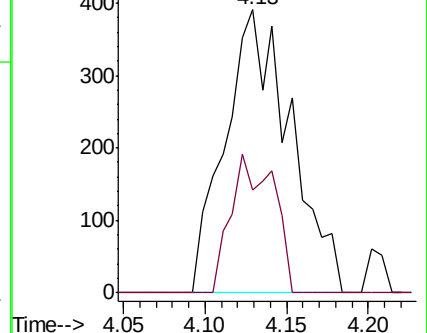
43 100

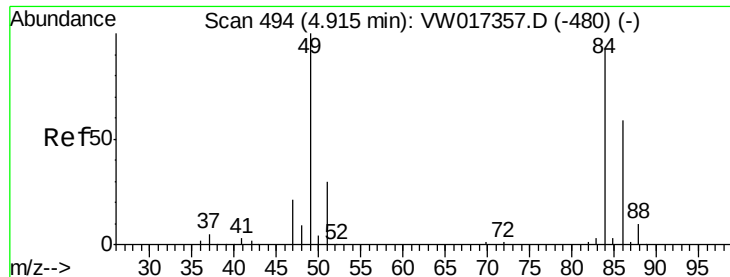
58 17.7 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

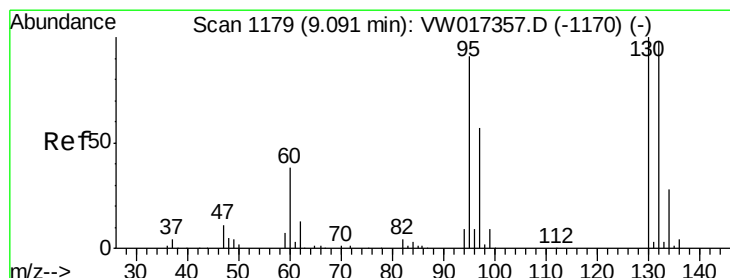
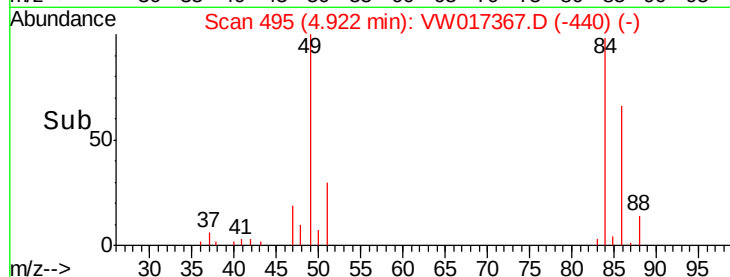
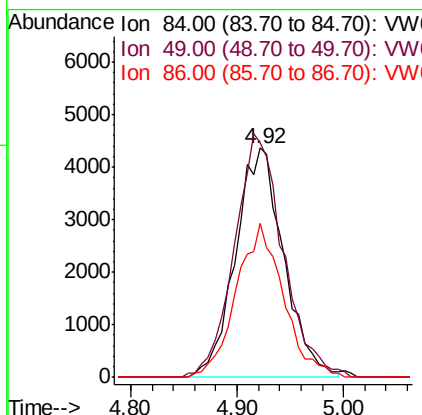
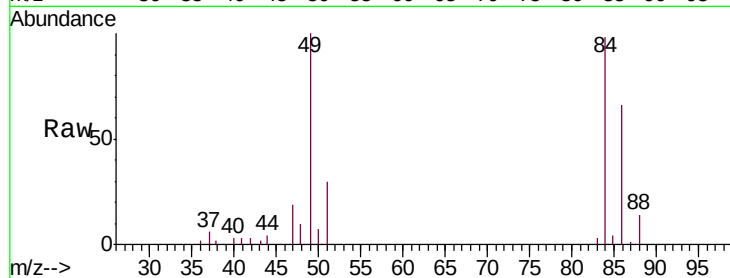




#16
Methylene chloride
Concen: 1.762 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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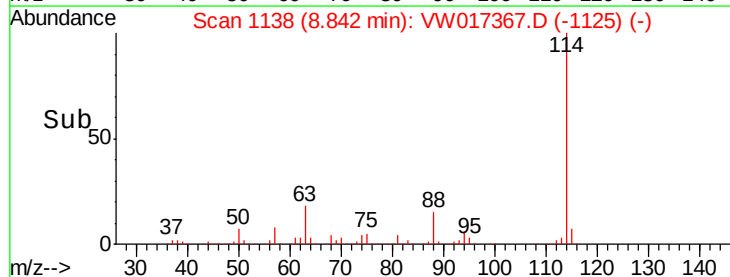
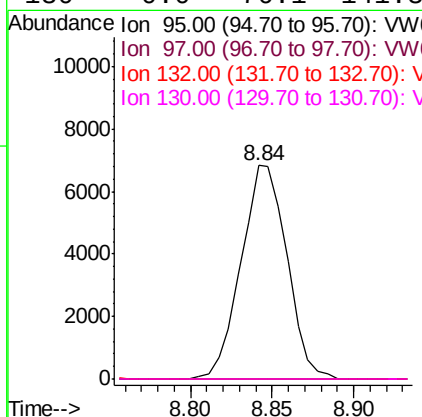
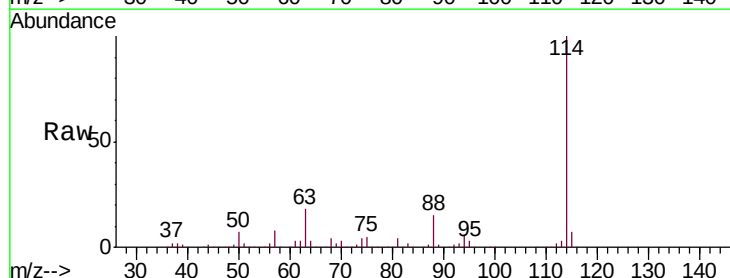
Instrument :
MSVOA_W
ClientSampleId :
C0BA0

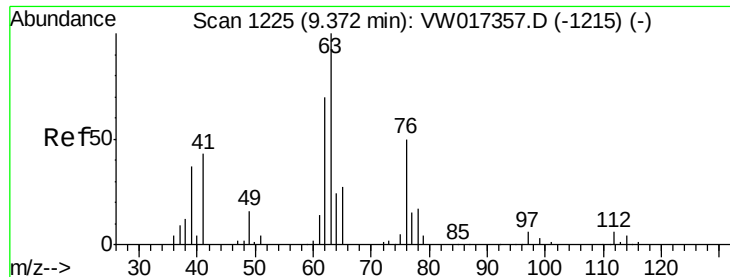
Tgt Ion: 84 Resp: 13842
Ion Ratio Lower Upper
84 100
49 102.1 71.5 132.9
86 67.2 42.8 79.4



#35
Trichloroethene
Concen: 1.996 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017367.D
Acq: 19 Nov 2020 13:25

Tgt Ion: 95 Resp: 13349
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.3 72.7 134.9#
130 0.0 76.1 141.3#

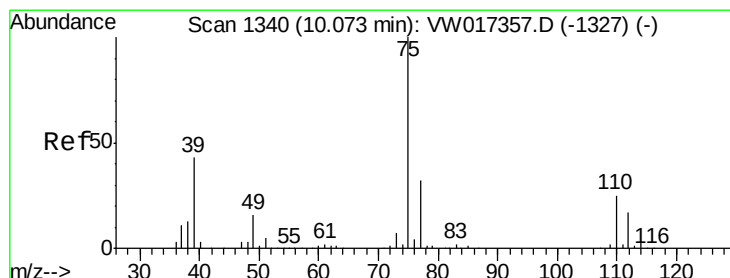
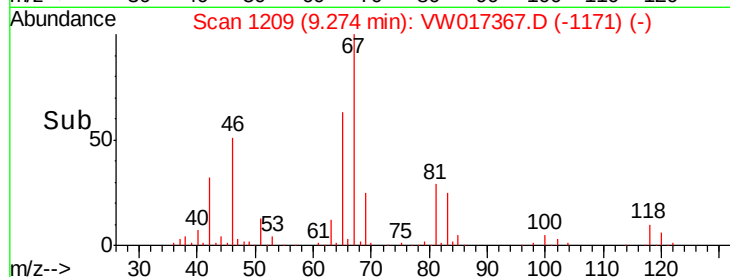
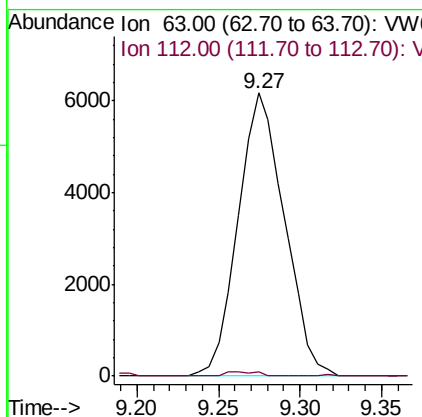
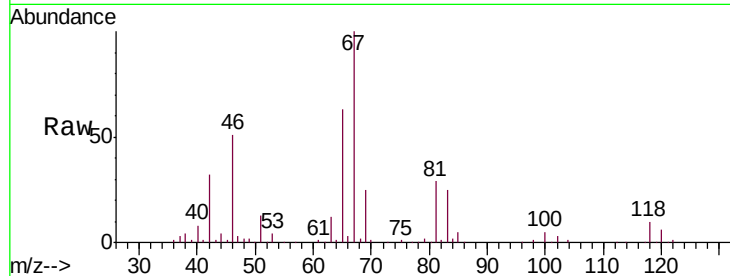




#40
 1,2-Dichloropropane
 Concen: 2.282 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017367.D
 Acq: 19 Nov 2020 13:25

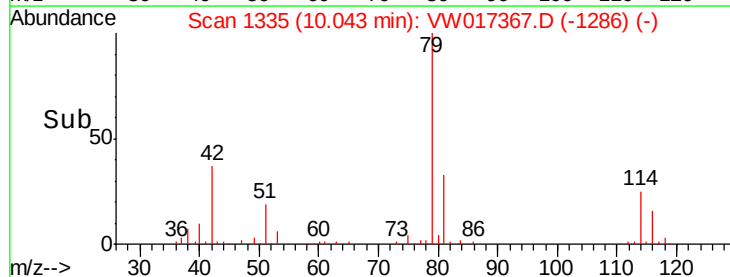
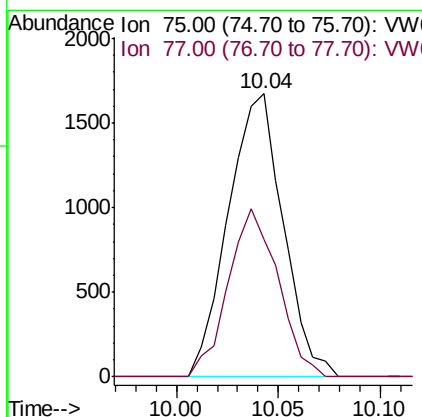
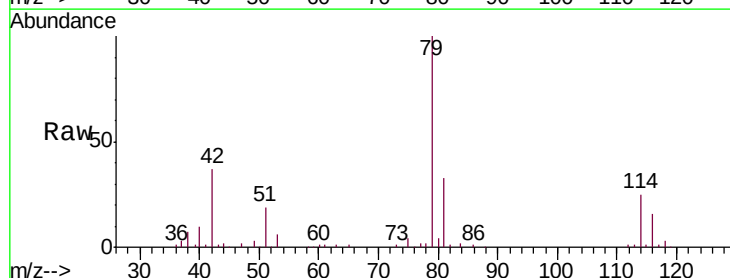
Instrument :
 MSVOA_W
 ClientSampled :
 C0BA0

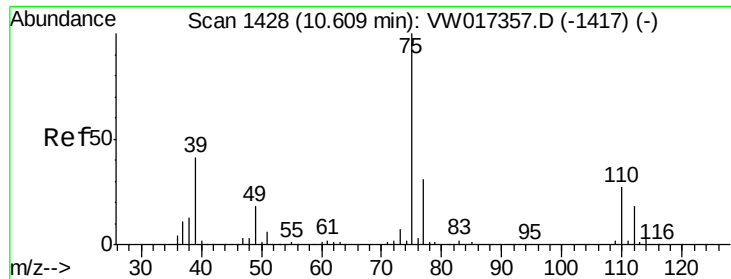
Tgt Ion: 63 Resp: 12201
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.377 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017367.D
 Acq: 19 Nov 2020 13:25

Tgt Ion: 75 Resp: 3126
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.310 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017367.D

Acq: 19 Nov 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

C0BA0

Tgt Ion: 75 Resp: 2180

Ion Ratio Lower Upper

75 100

77 46.7 22.0 40.8#

