

Data File : VW017374.D
Acq On : 19 Nov 2020 16:09
Operator : SY/VA
Sample : L4793-08
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB2

Quant Time: Nov 20 01:21:24 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	345238	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125976	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
7) Chloroethane-d5	2.90	69	99427	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.02	63	157746	17.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.56%
20) 2-Butanone-d5	7.08	46	33703	40.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.30%
24) Chloroform-d	7.65	84	210121	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.31	65	101611	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.27	84	423230	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	114266	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.32%
37) Toluene-d8	10.33	98	396827	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	45523	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.93	63	26243	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81666	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	136839	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

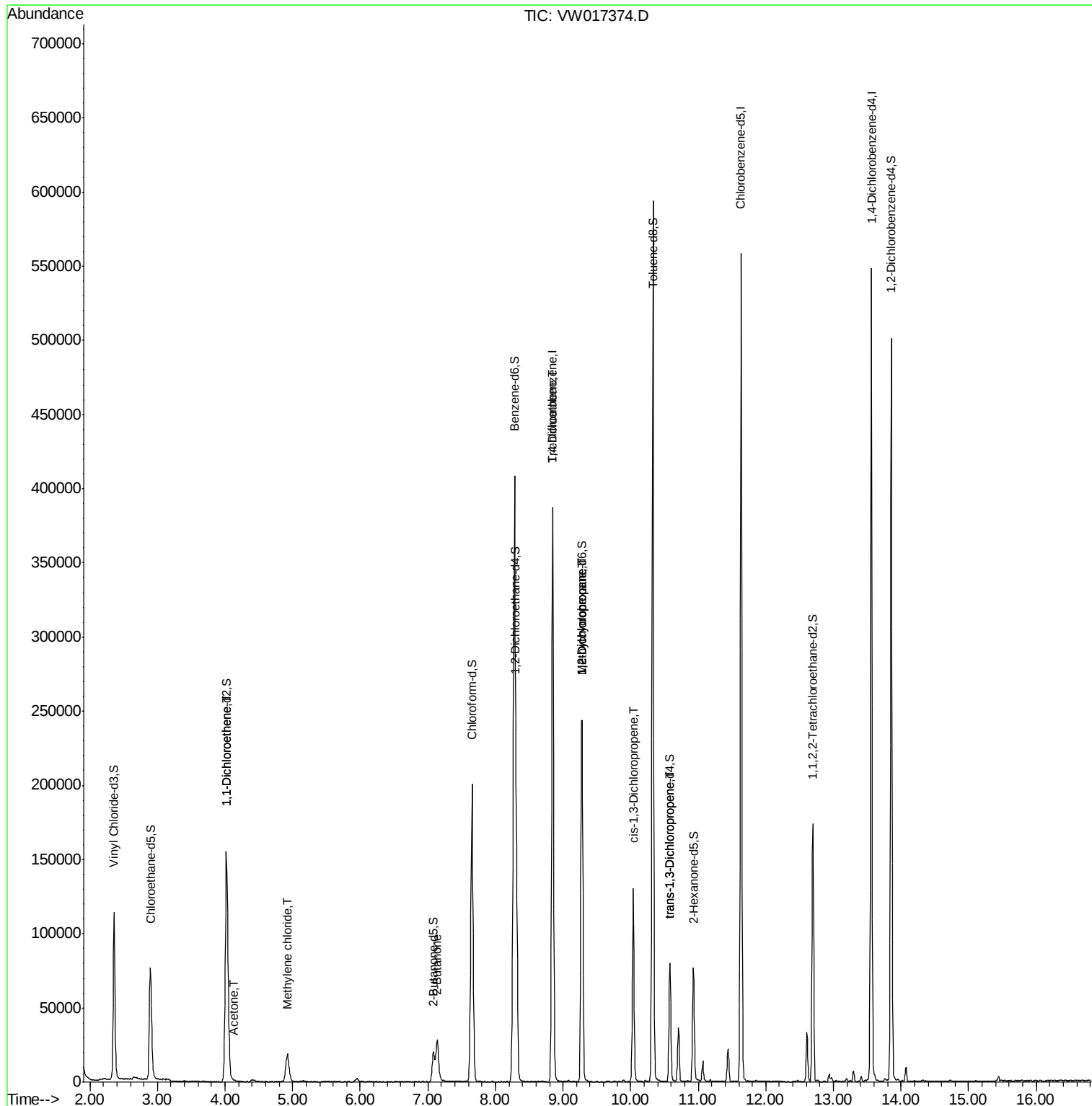
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1325	0.292 ug/L #	1
13) Acetone	4.13	43	727	1.187 ug/L	85
16) Methylene chloride	4.93	84	16580	2.808 ug/L	95
21) 2-Butanone	7.15	43	680	0.724 ug/L #	42
35) Trichloroethene	8.85	95	10710	2.056 ug/L #	2
36) Methylcyclohexane	9.28	83	30165	3.623 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	13579	3.259 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3523	0.545 ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	2226	0.406 ug/L #	80

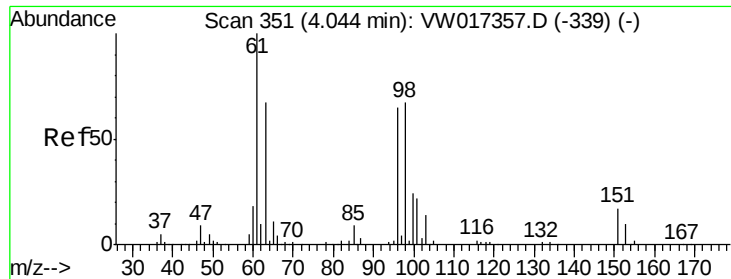
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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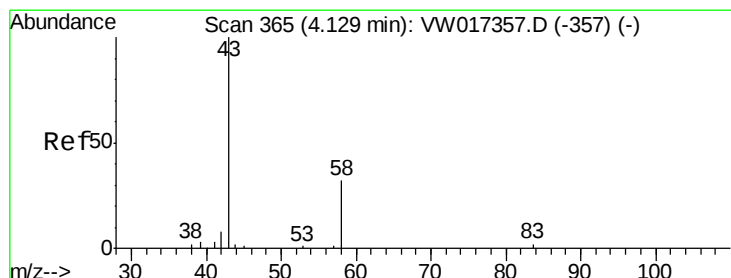
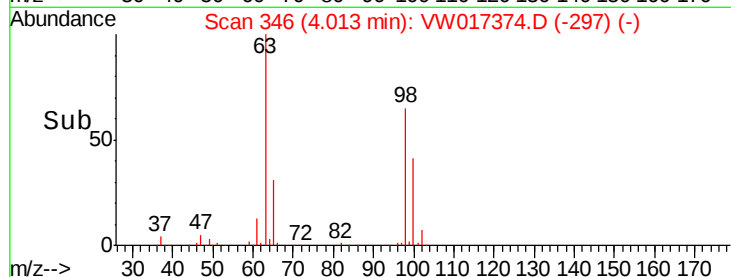
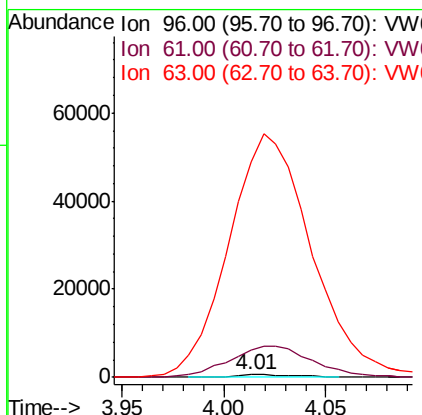
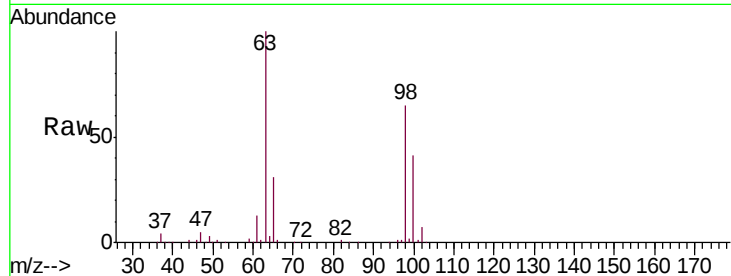




#12
 1,1-Dichloroethene
 Concen: 0.292 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.03 min
 Lab File: VW017374.D
 Acq: 19 Nov 2020 16:09

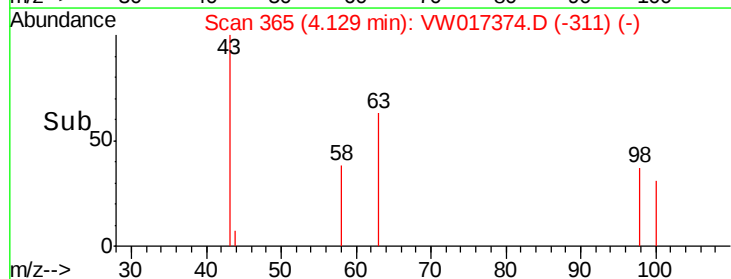
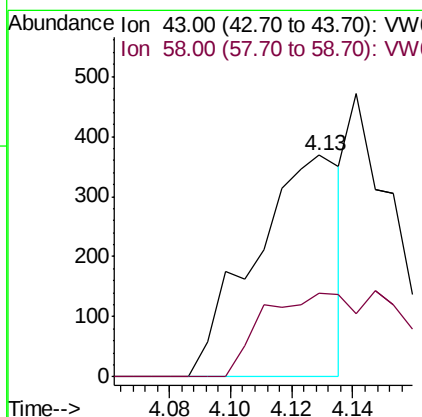
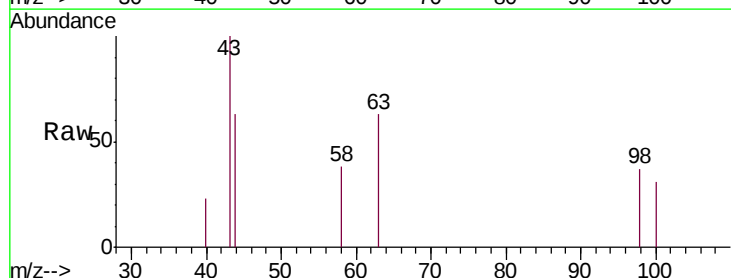
Instrument :
 MSVOA_W
 ClientSampled :
 C0BB2

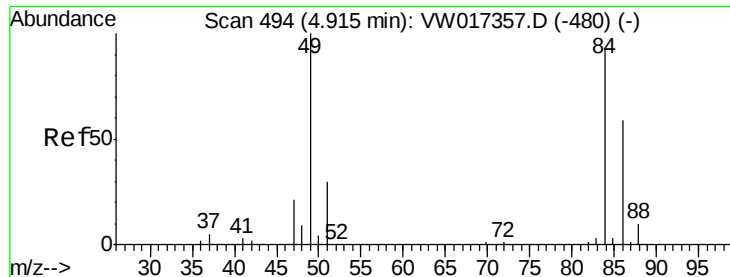
Tgt Ion: 96 Resp: 1325
 Ion Ratio Lower Upper
 96 100
 61 1080.7 104.7 194.4#
 63 8496.2 69.6 129.2#



#13
 Acetone
 Concen: 1.187 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW017374.D
 Acq: 19 Nov 2020 16:09

Tgt Ion: 43 Resp: 727
 Ion Ratio Lower Upper
 43 100
 58 25.2 0.0 67.0

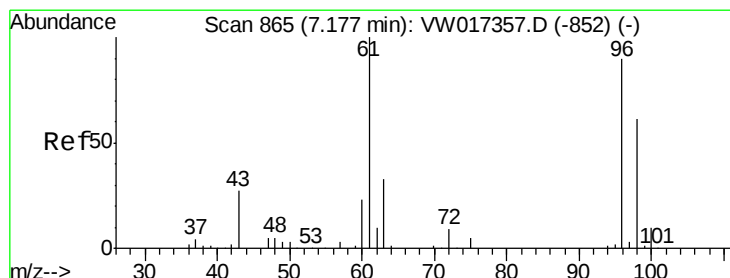
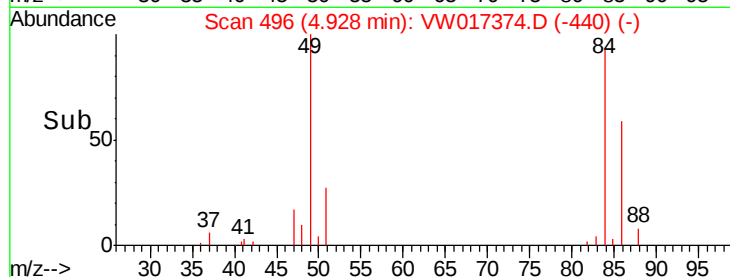
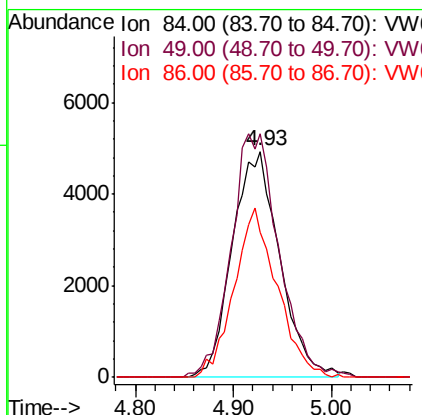
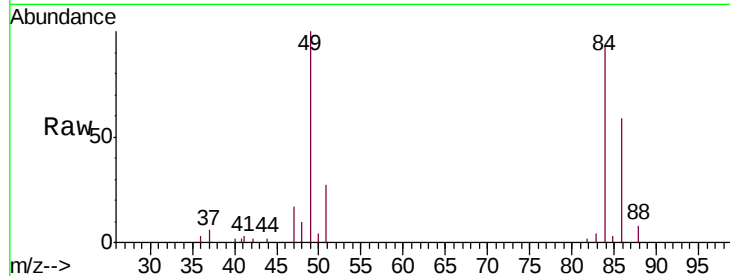




#16
Methylene chloride
Concen: 2.808 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017374.D
Acq: 19 Nov 2020 16:09

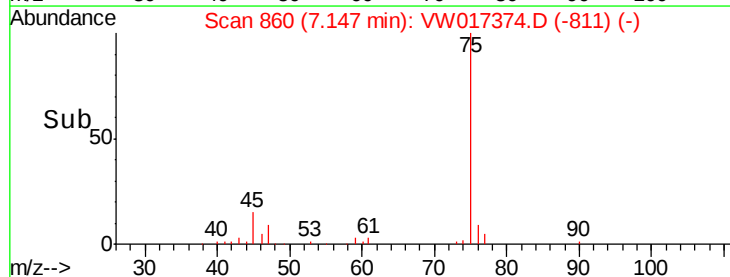
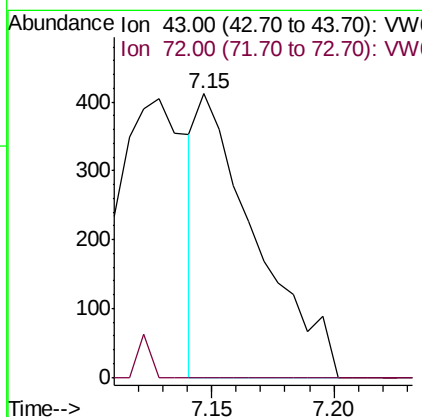
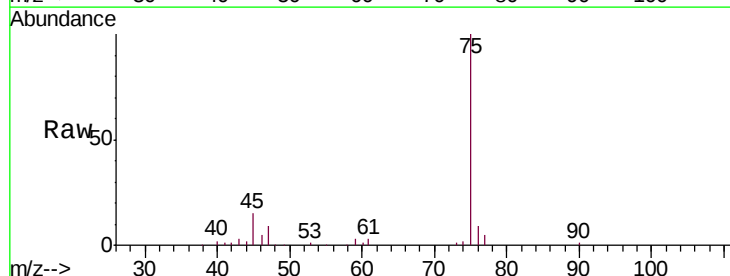
Instrument :
MSVOA_W
ClientSampleId :
C0BB2

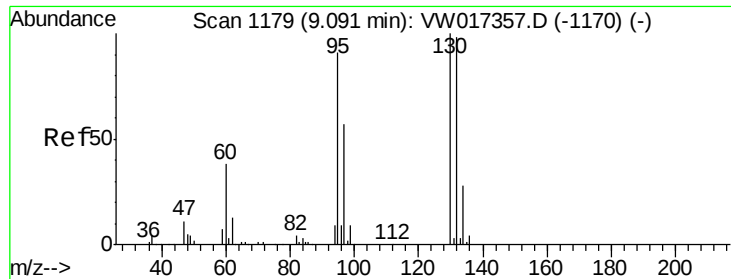
Tgt Ion: 84 Resp: 16580
Ion Ratio Lower Upper
84 100
49 107.8 71.5 132.9
86 64.1 42.8 79.4



#21
2-Butanone
Concen: 0.724 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW017374.D
Acq: 19 Nov 2020 16:09

Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
72 0.0 16.4 49.1#





#35

Trichloroethene

Concen: 2.056 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017374.D

Acq: 19 Nov 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

C0BB2

Tgt Ion: 95 Resp: 10710

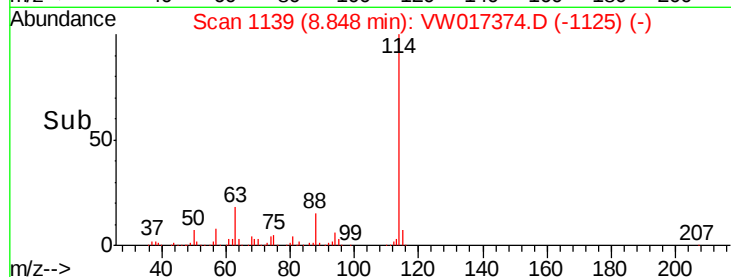
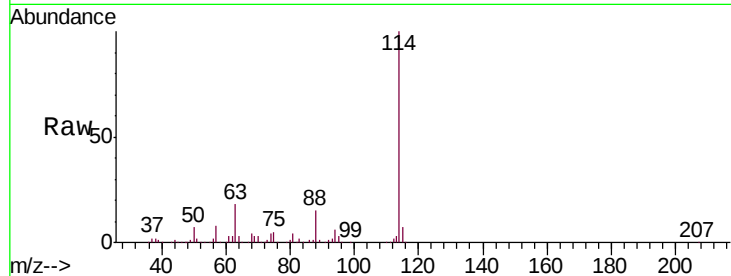
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.4 72.7 134.9#

130 0.0 76.1 141.3#

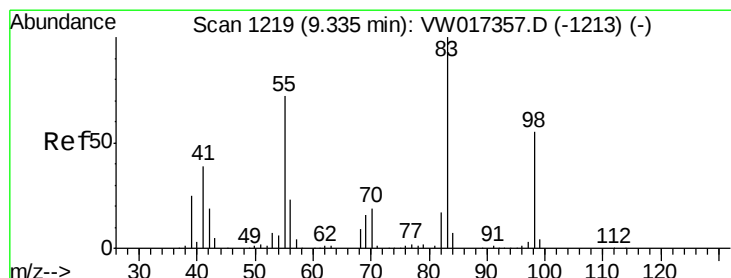
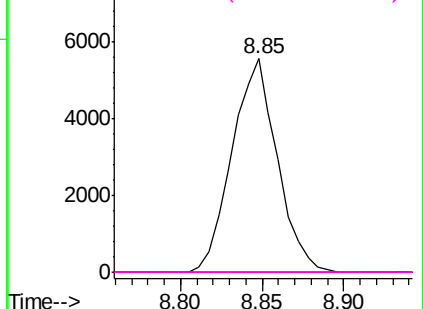


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.623 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW017374.D

Acq: 19 Nov 2020 16:09

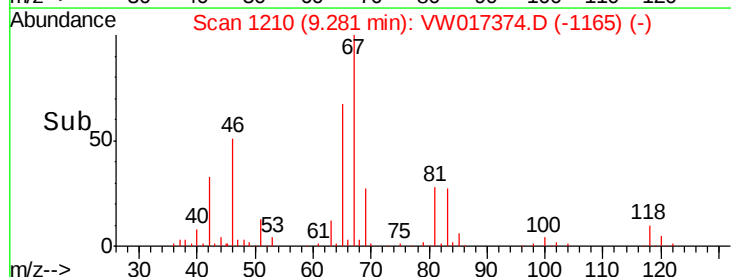
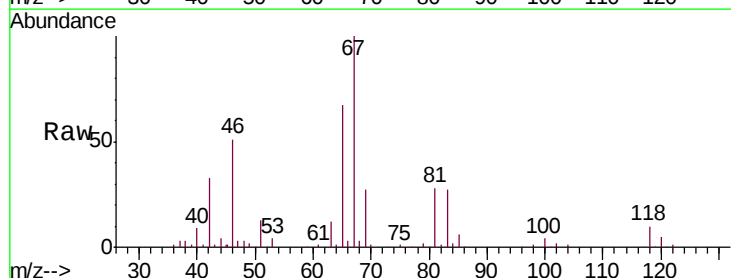
Tgt Ion: 83 Resp: 30165

Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

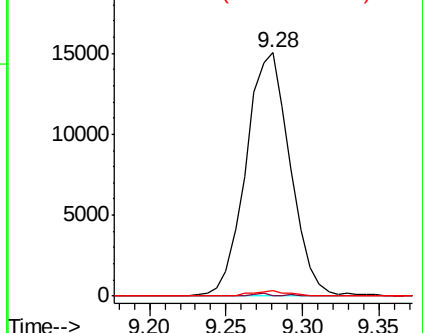
98 1.8 41.5 62.3#

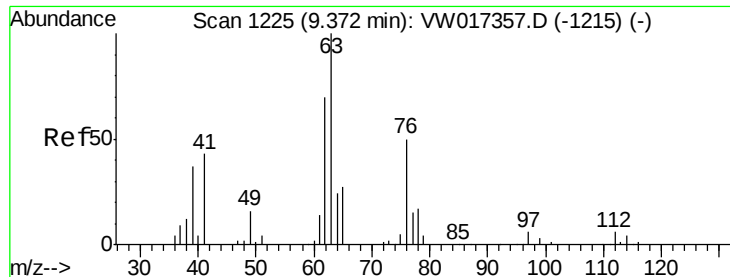


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.259 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017374.D

Acq: 19 Nov 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

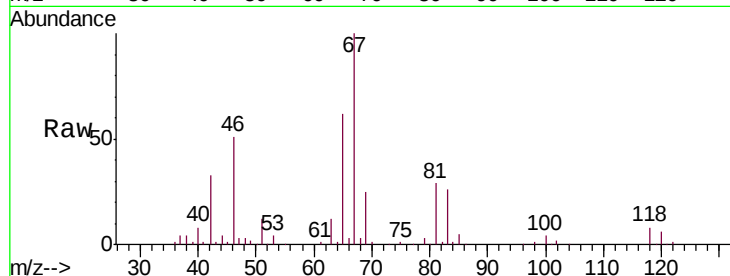
C0BB2

Tgt Ion: 63 Resp: 13579

Ion Ratio Lower Upper

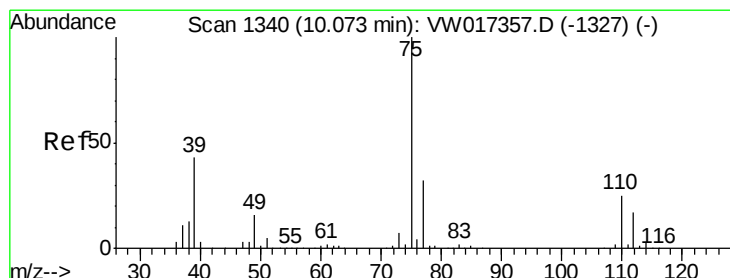
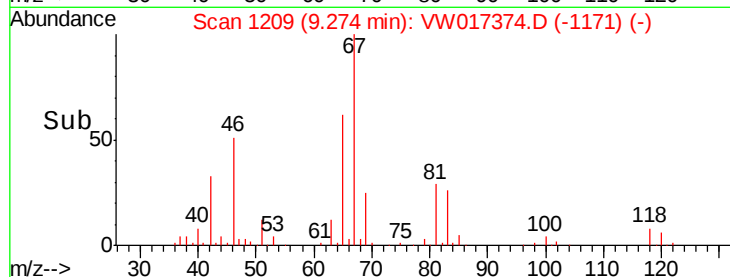
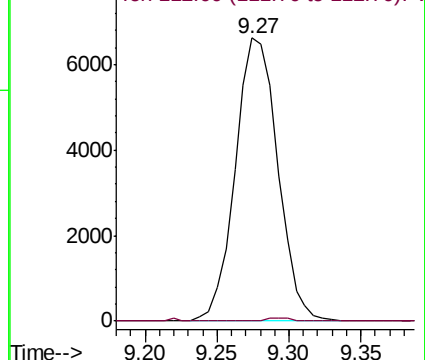
63 100

112 0.6 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017374.D

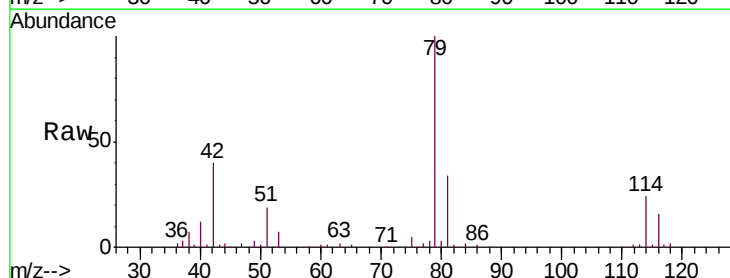
Acq: 19 Nov 2020 16:09

Tgt Ion: 75 Resp: 3523

Ion Ratio Lower Upper

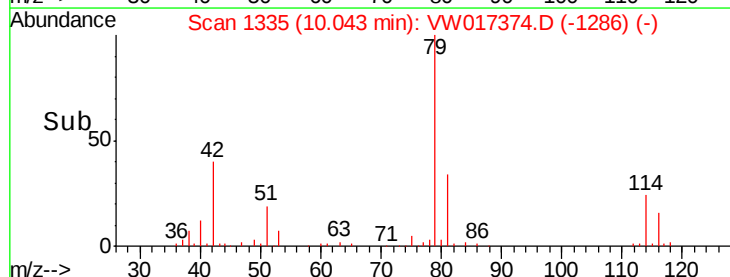
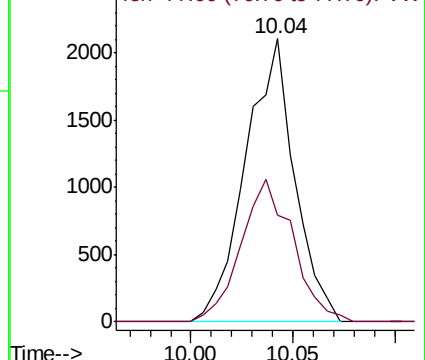
75 100

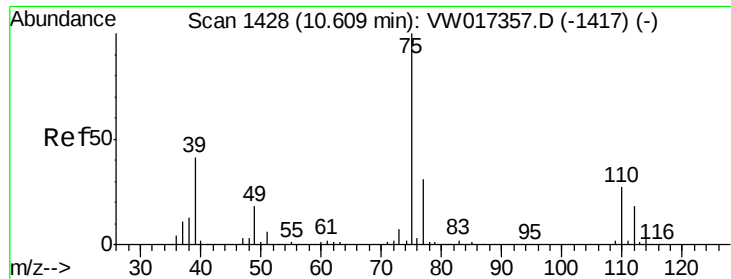
77 37.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017374.D

Acq: 19 Nov 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

C0BB2

Tgt Ion: 75 Resp: 2226

Ion Ratio Lower Upper

75 100

77 42.7 22.0 40.8#

