

Data File : VW017390.D
Acq On : 19 Nov 2020 23:33
Operator : SY/VA
Sample : L4794-11
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD3

Quant Time: Nov 20 04:39:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	359805	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126563	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.12%
7) Chloroethane-d5	2.89	69	105652	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
10) 1,1-Dichloroethene-d2	4.02	63	169578	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.08	46	42646	45.20	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.40%
24) Chloroform-d	7.65	84	239131	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	117576	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	467941	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	127895	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.32	98	439514	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.08%
38) trans-1,3-Dichloropropene-	10.58	79	52070	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	33293	45.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97415	23.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	155115	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

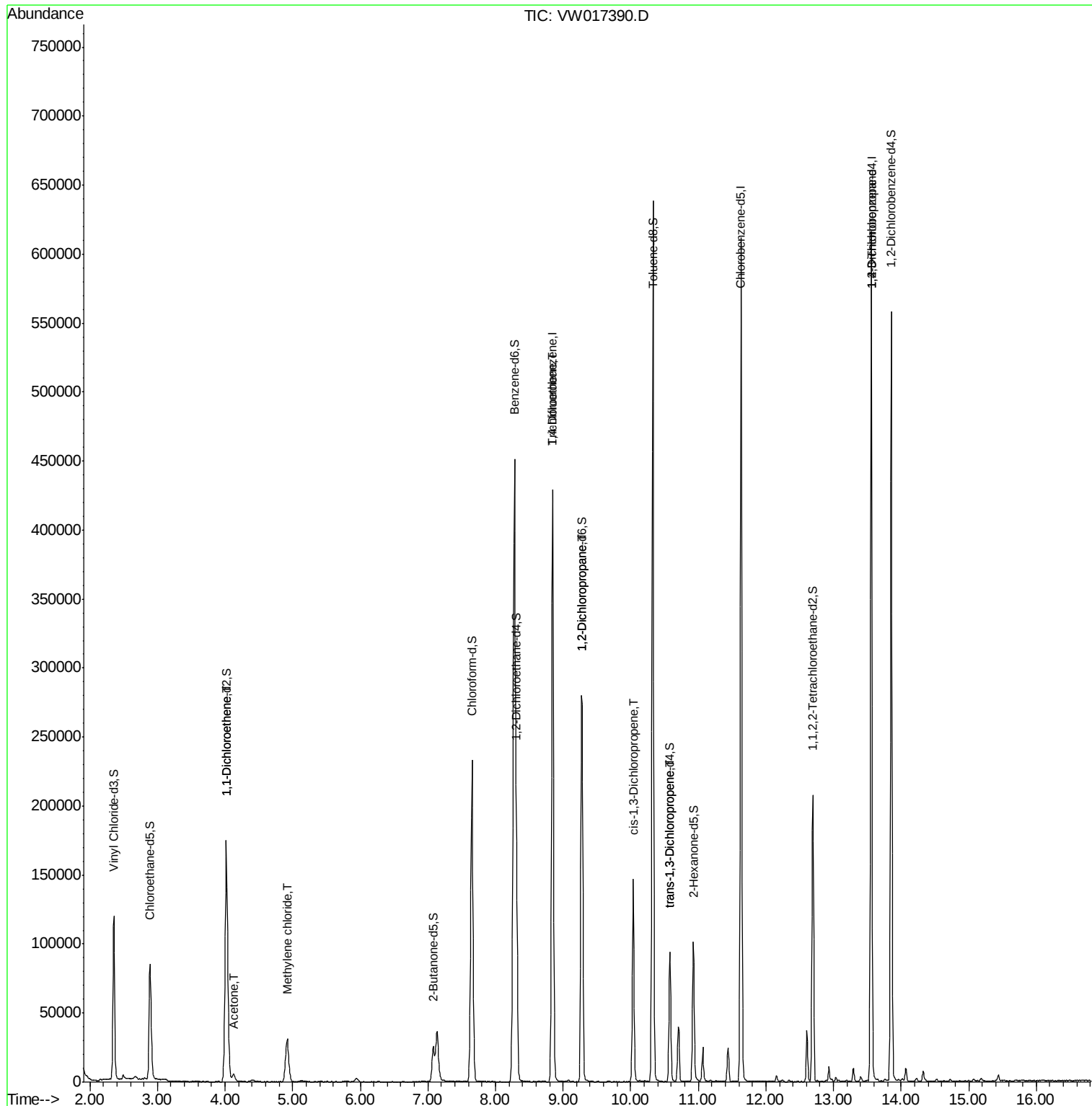
					Qvalue	
12) 1,1-Dichloroethene	4.02	96	1427	0.279	ug/L #	1
13) Acetone	4.13	43	9532	13.846	ug/L	97
16) Methylene chloride	4.92	84	26537	3.998	ug/L	93
35) Trichloroethene	8.84	95	11656	2.027	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	15106	3.286	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4096	0.574	ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	2649	0.438	ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	17659	6.233	ug/L	99

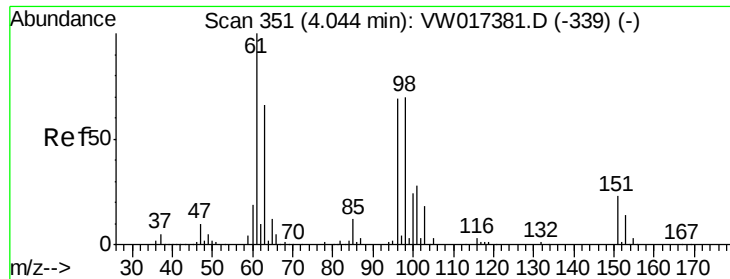
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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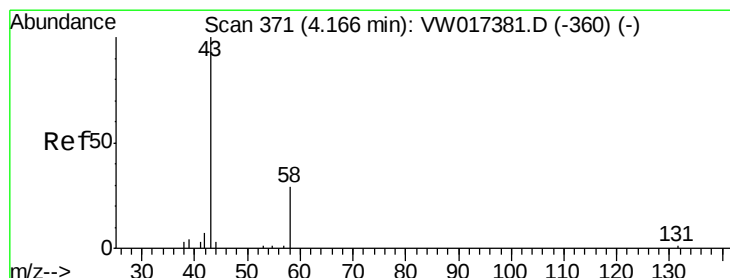
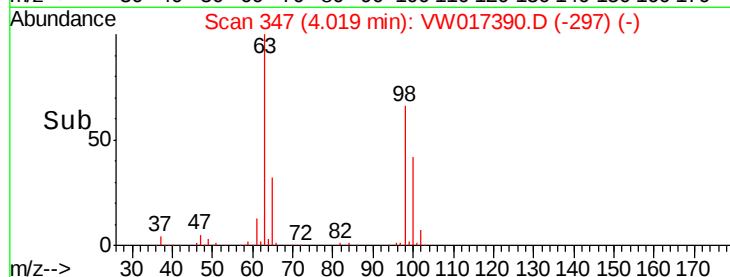
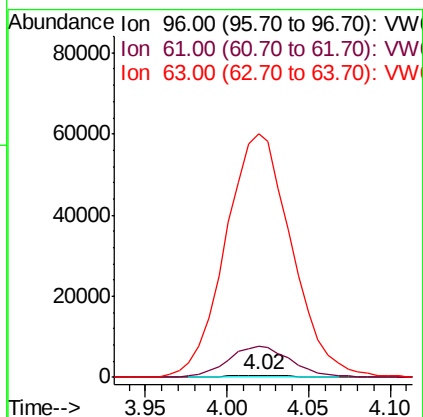
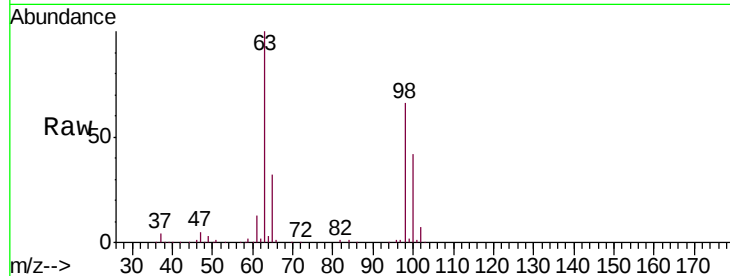




#12
 1,1-Dichloroethene
 Concen: 0.279 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017390.D
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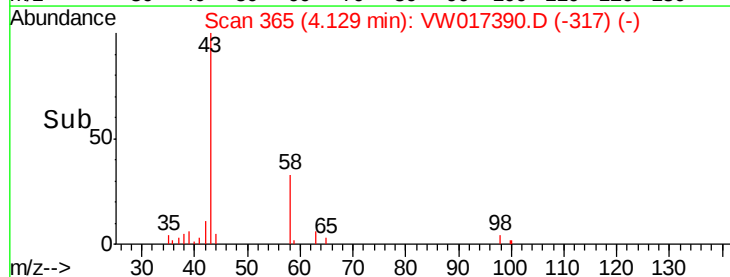
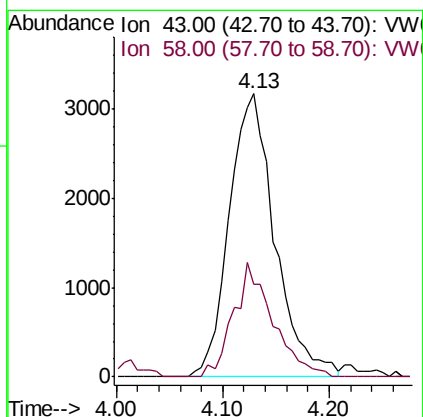
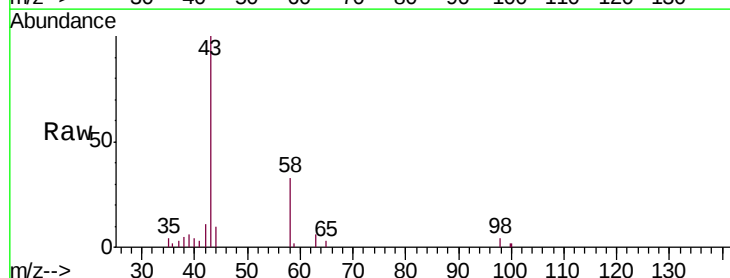
Instrument :
 MSVOA_W
 ClientSampled :
 C0BD3

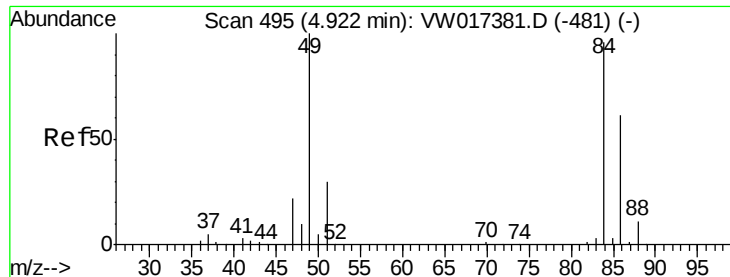
Tgt Ion: 96 Resp: 1427
 Ion Ratio Lower Upper
 96 100
 61 1505.2 104.7 194.4#
 63 11565.3 69.6 129.2#



#13
 Acetone
 Concen: 13.846 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. -0.04 min
 Lab File: VW017390.D
 Acq: 19 Nov 2020 23:33

Tgt Ion: 43 Resp: 9532
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 67.0

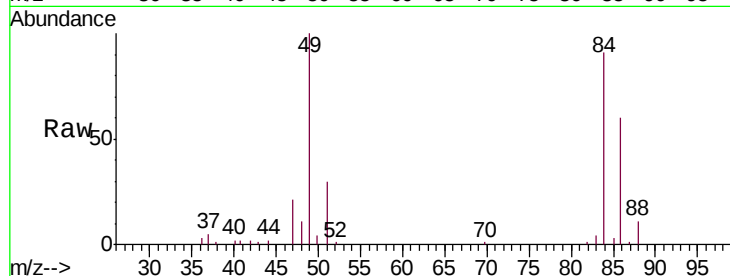




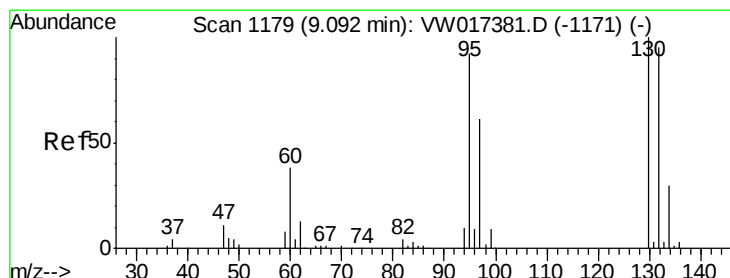
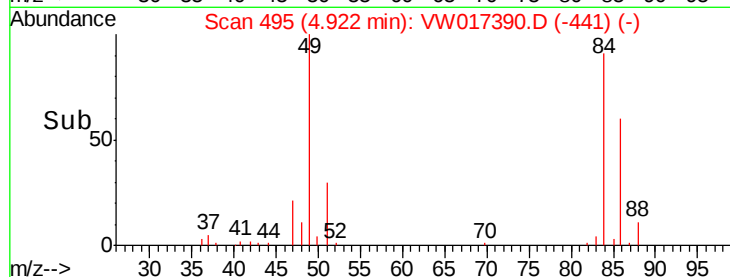
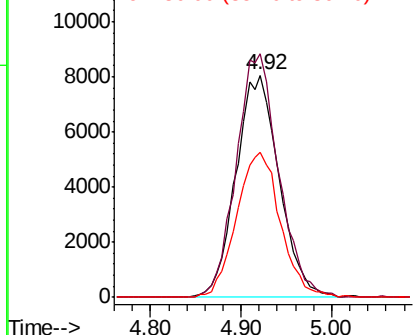
#16
Methylene chloride
Concen: 3.998 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017390.D
Acq: 19 Nov 2020 23:33

Instrument :
MSVOA_W
ClientSampleId :
C0BD3

Tgt Ion: 84 Resp: 26537
Ion Ratio Lower Upper
84 100
49 109.6 71.5 132.9
86 65.3 42.8 79.4

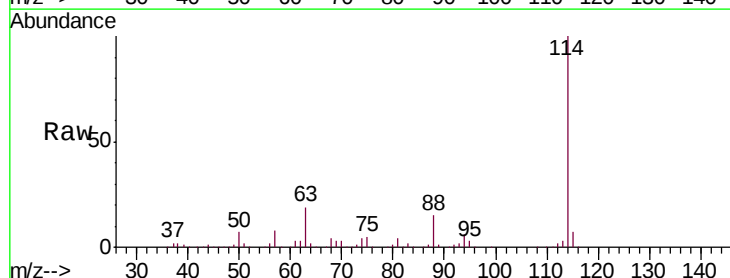


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

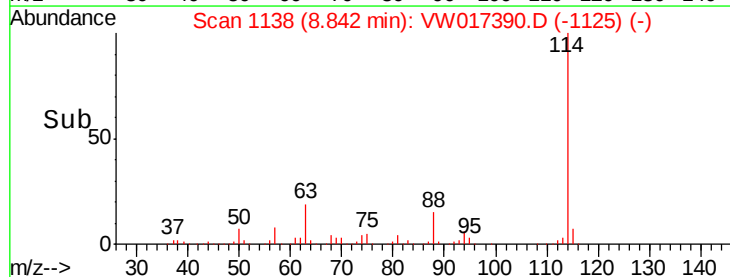
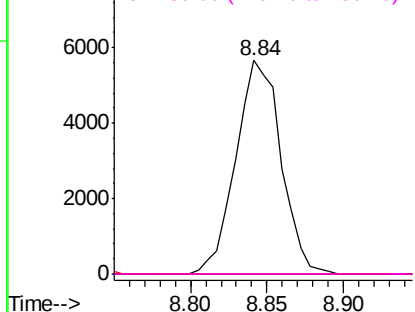


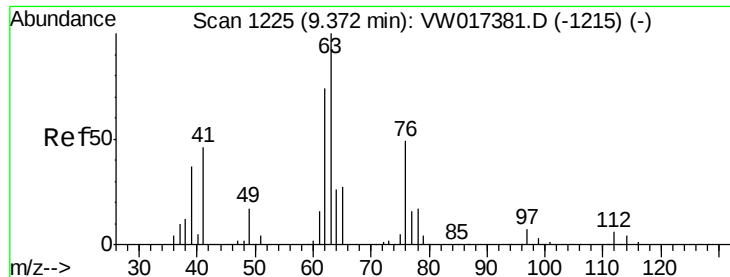
#35
Trichloroethene
Concen: 2.027 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017390.D
Acq: 19 Nov 2020 23:33

Tgt Ion: 95 Resp: 11656
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 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): V
Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.286 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017390.D

Acq: 19 Nov 2020 23:33

Instrument :

MSVOA_W

ClientSampleId :

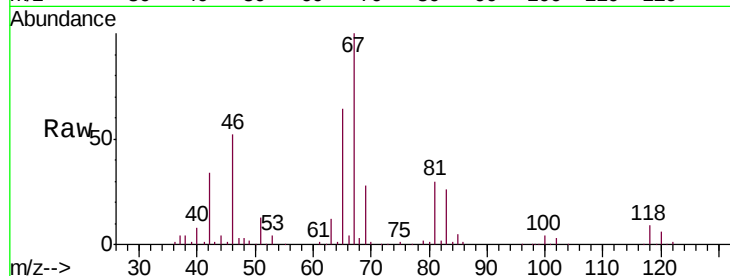
C0BD3

Tgt Ion: 63 Resp: 15106

Ion Ratio Lower Upper

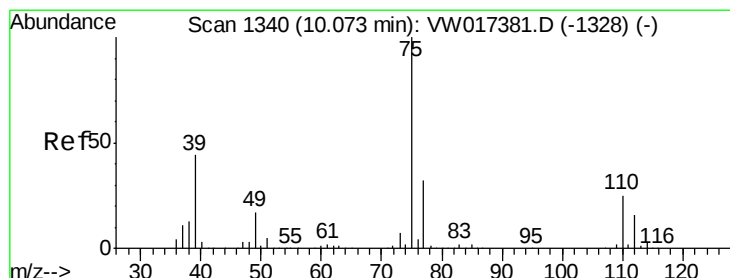
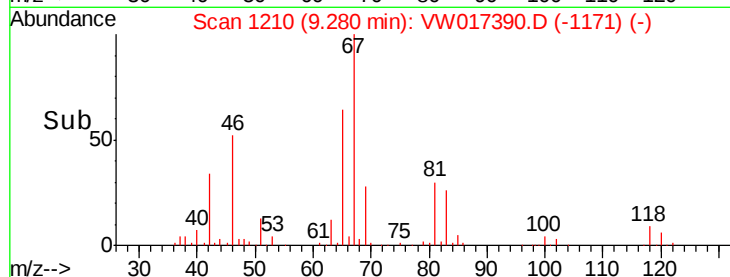
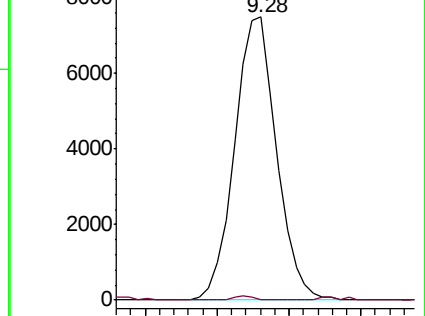
63 100

112 0.7 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.574 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017390.D

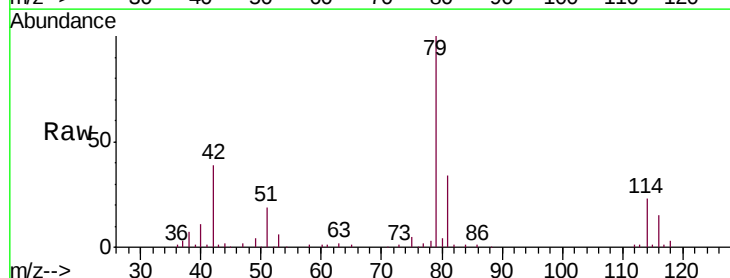
Acq: 19 Nov 2020 23:33

Tgt Ion: 75 Resp: 4096

Ion Ratio Lower Upper

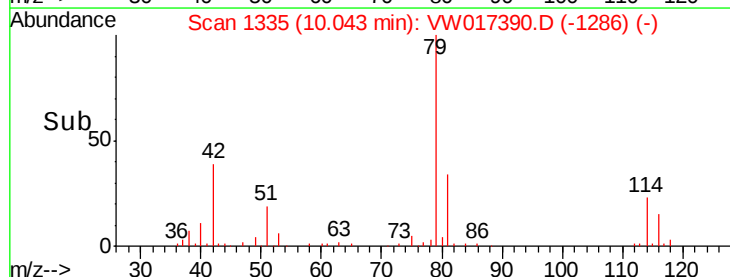
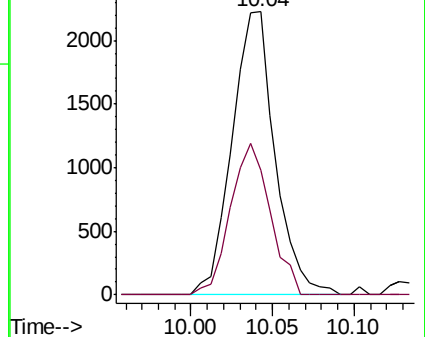
75 100

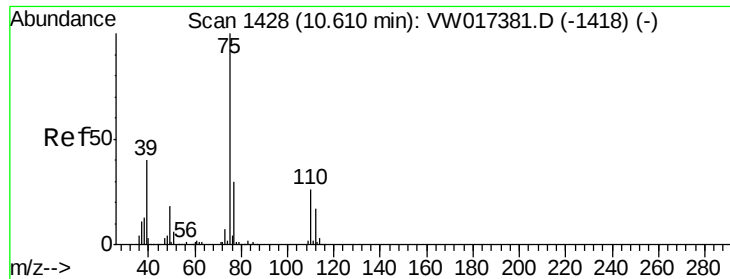
77 44.2 21.8 40.4#



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: 0.438 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017390.D

Acq: 19 Nov 2020 23:33

Instrument :

MSVOA_W

ClientSampleId :

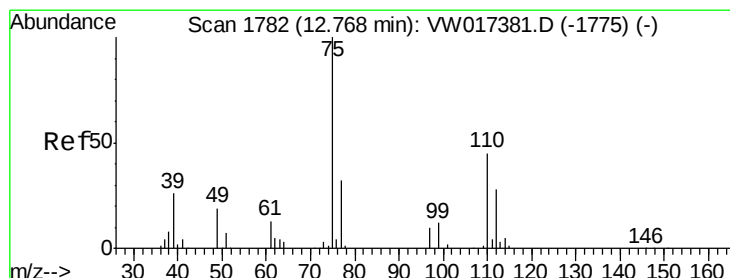
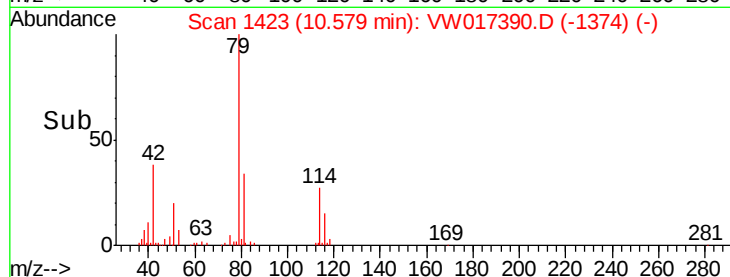
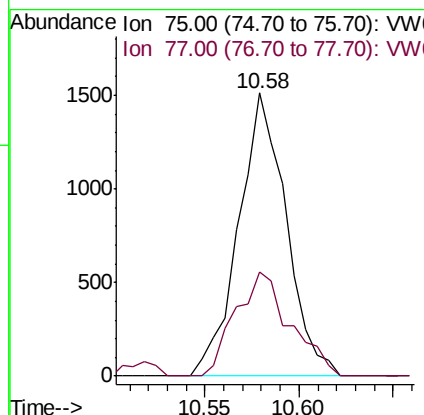
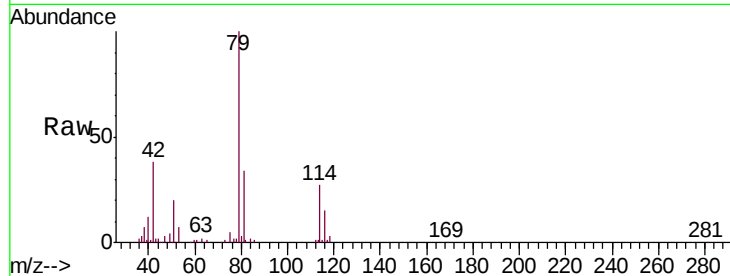
C0BD3

Tgt Ion: 75 Resp: 2649

Ion Ratio Lower Upper

75 100

77 36.6 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 6.233 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017390.D

Acq: 19 Nov 2020 23:33

Tgt Ion: 75 Resp: 17659

Ion Ratio Lower Upper

75 100

77 32.9 26.6 40.0

