

Data File : VW017371.D
Acq On : 19 Nov 2020 14:59
Operator : SY/VA
Sample : L4793-05
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA6

Quant Time: Nov 20 01:21:02 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	367234	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333534	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129976	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.89	69	103651	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
10) 1,1-Dichloroethene-d2	4.02	63	166837	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.08	46	34824	39.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.00%
24) Chloroform-d	7.65	84	226281	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.30	65	106786	22.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.64%
29) Benzene-d6	8.27	84	445717	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	119731	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.32	98	427175	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	10.58	79	46705	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	10.93	63	26415	39.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83068	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	142535	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

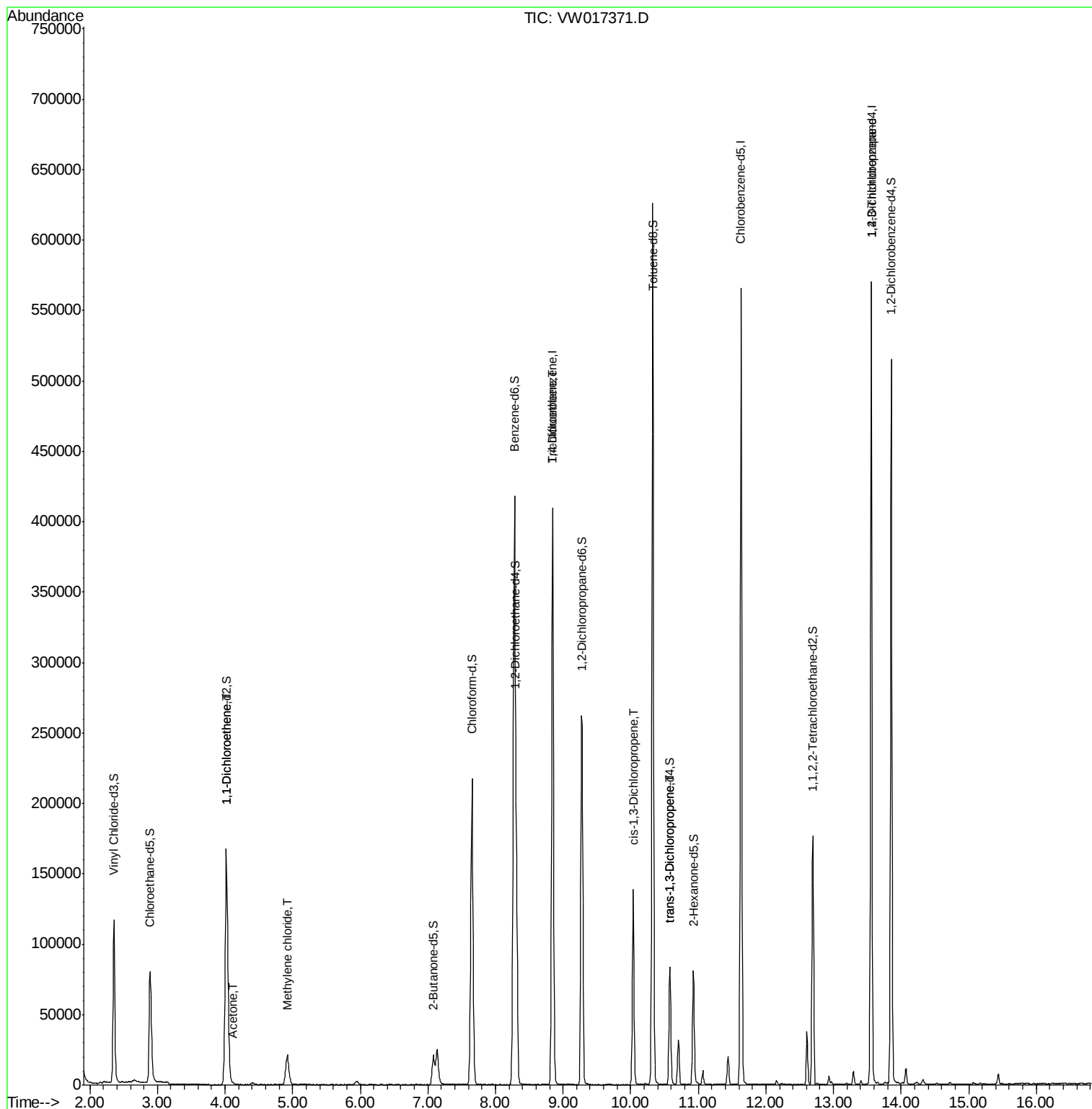
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1414	0.293 ug/L #	1
13) Acetone	4.12	43	317	0.487 ug/L	44
16) Methylene chloride	4.92	84	18621	2.964 ug/L	97
35) Trichloroethene	8.85	95	10660	2.000 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3655	0.553 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	2062	0.368 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	16789	6.393 ug/L	99

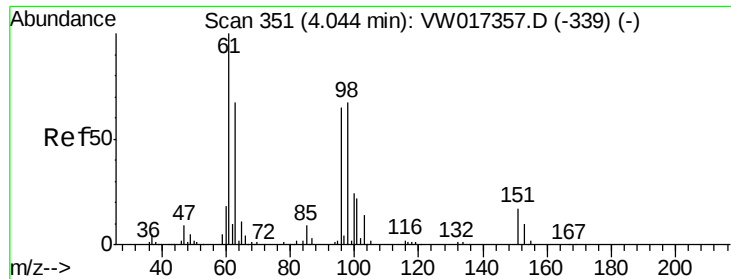
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.293 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BA6

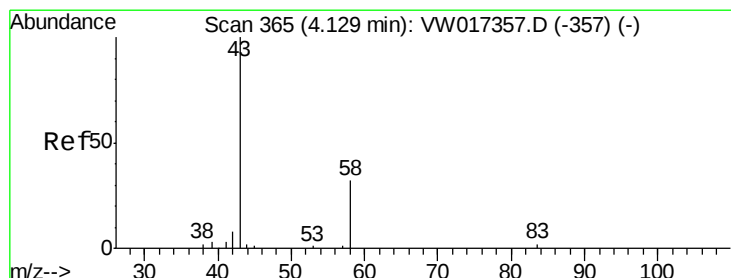
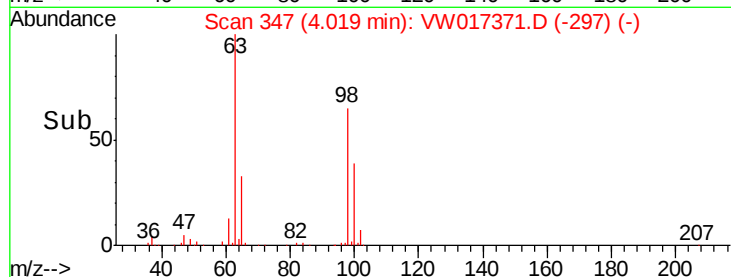
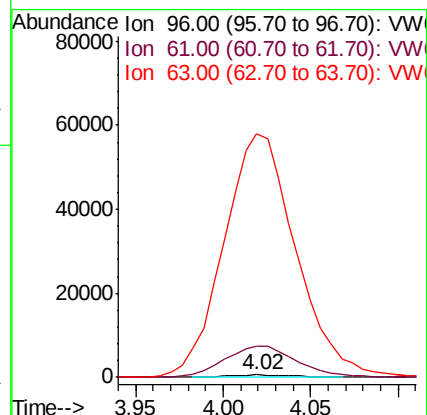
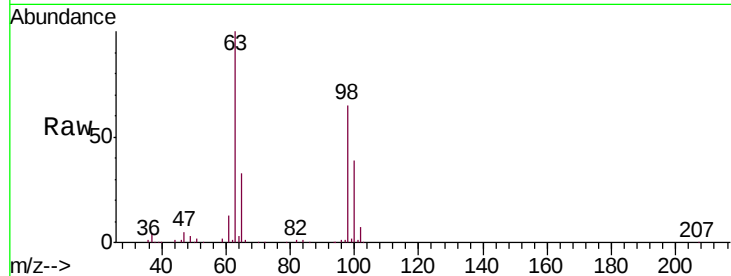
Tgt Ion: 96 Resp: 1414

Ion Ratio Lower Upper

96 100

61 1335.1 104.7 194.4#

63 10371.4 69.6 129.2#



#13

Acetone

Concen: 0.487 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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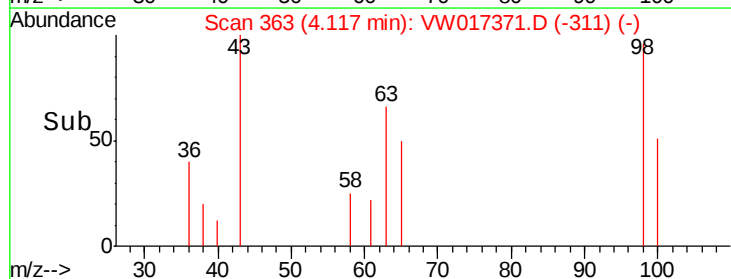
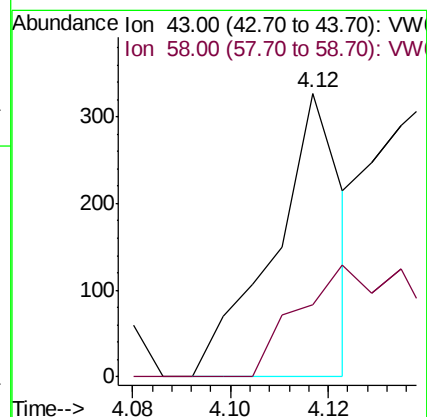
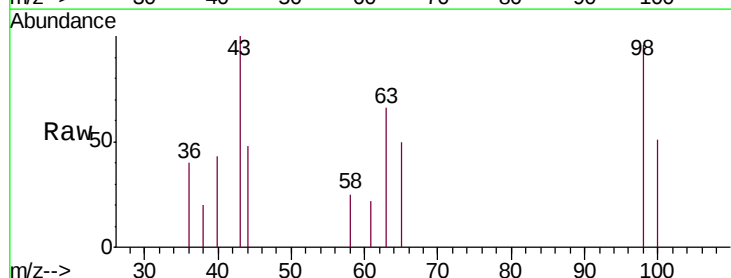
Acq: 19 Nov 2020 14:59

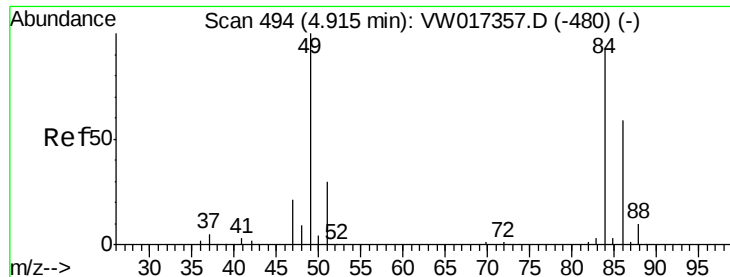
Tgt Ion: 43 Resp: 317

Ion Ratio Lower Upper

43 100

58 65.3 0.0 67.0

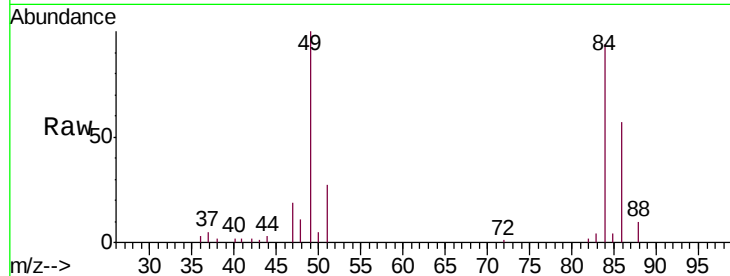




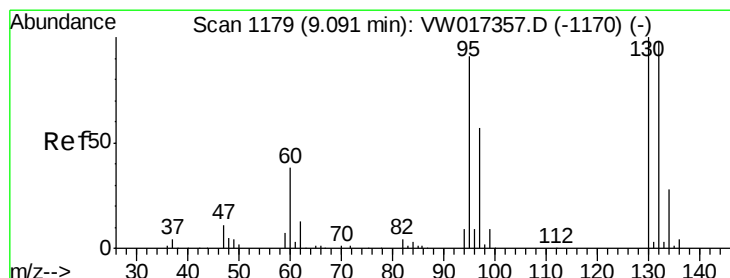
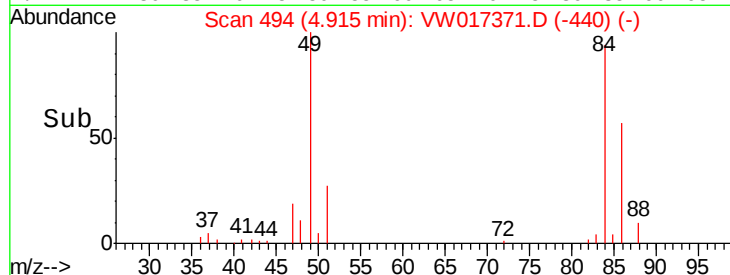
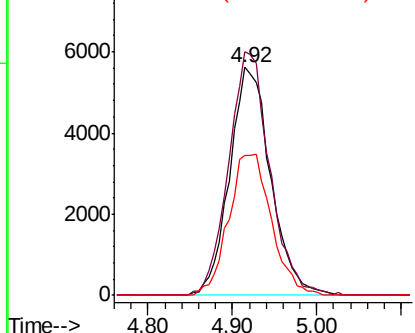
#16
Methylene chloride
Concen: 2.964 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017371.D
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Instrument :
MSVOA_W
ClientSampleId :
C0BA6

Tgt Ion: 84 Resp: 18621
Ion Ratio Lower Upper
84 100
49 106.9 71.5 132.9
86 61.3 42.8 79.4

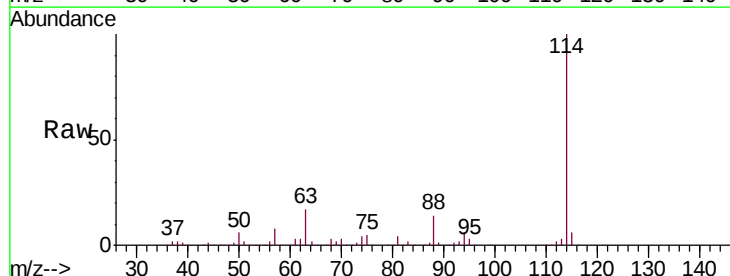


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

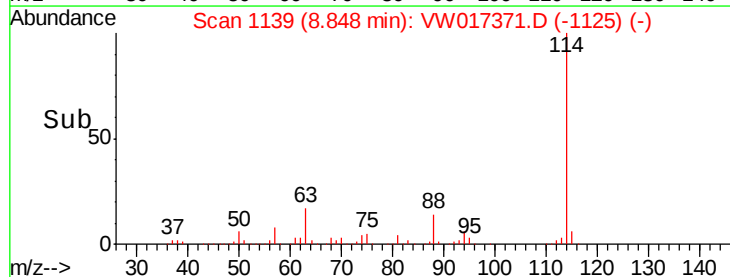
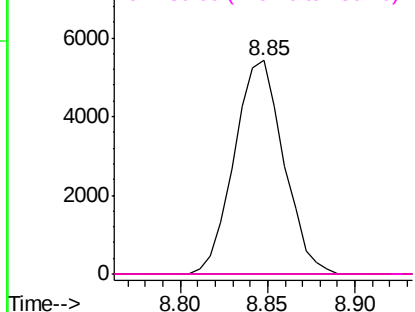


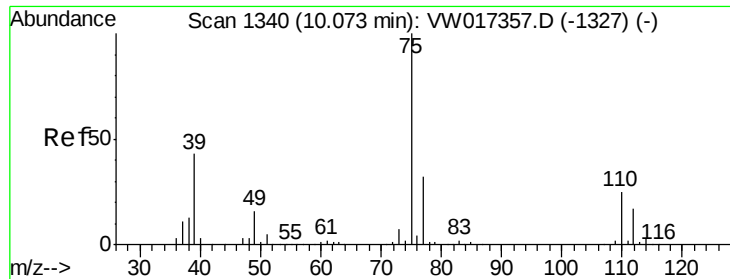
#35
Trichloroethene
Concen: 2.000 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017371.D
Acq: 19 Nov 2020 14:59

Tgt Ion: 95 Resp: 10660
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





#42

cis-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017371.D

Acq: 19 Nov 2020 14:59

Instrument :

MSVOA_W

ClientSampled :

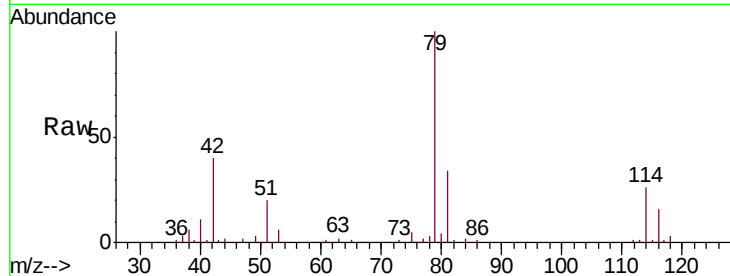
C0BA6

Tgt Ion: 75 Resp: 3655

Ion Ratio Lower Upper

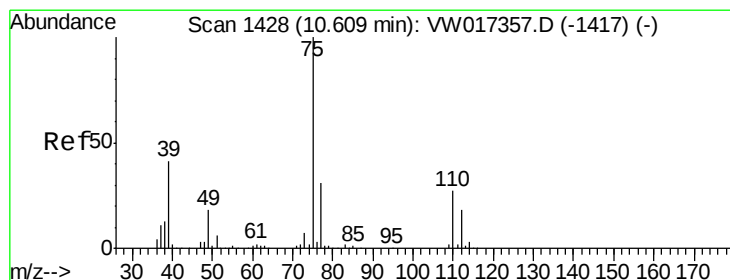
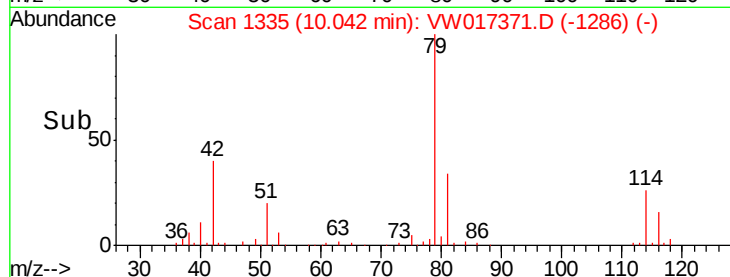
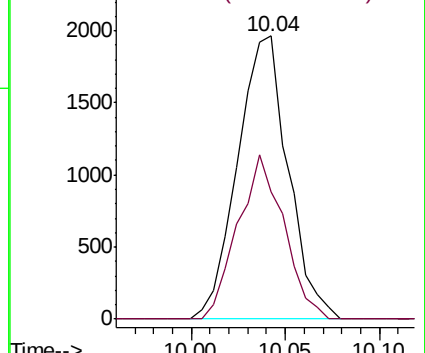
75 100

77 45.0 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: 0.368 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017371.D

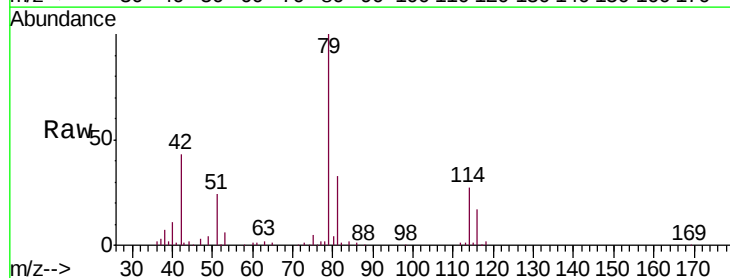
Acq: 19 Nov 2020 14:59

Tgt Ion: 75 Resp: 2062

Ion Ratio Lower Upper

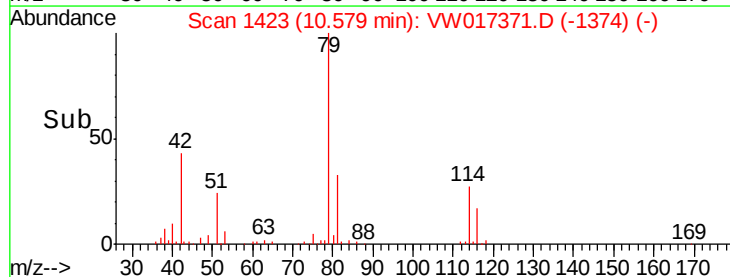
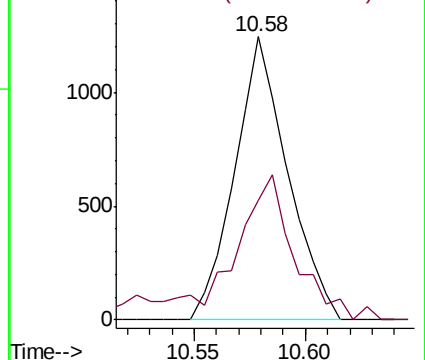
75 100

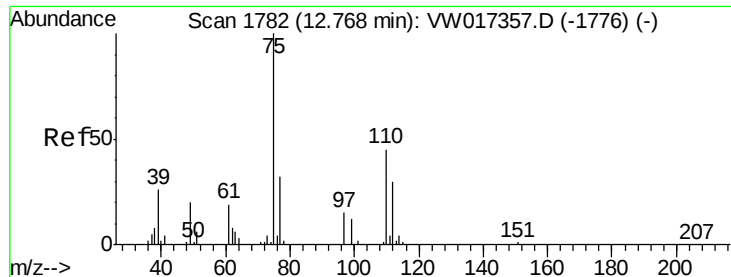
77 42.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.393 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017371.D

Acq: 19 Nov 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

C0BA6

Tgt Ion: 75 Resp: 16789

Ion Ratio Lower Upper

75 100

77 32.9 26.6 40.0

