

Data File : VW017370.D
Acq On : 19 Nov 2020 14:36
Operator : SY/VA
Sample : L4793-04
Misc : 5.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA5

Quant Time: Nov 20 01:20:54 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	367049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132526	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
7) Chloroethane-d5	2.89	69	105157	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
10) 1,1-Dichloroethene-d2	4.02	63	167593	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.52%
20) 2-Butanone-d5	7.08	46	40029	44.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.72%
24) Chloroform-d	7.65	84	224764	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	111741	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
29) Benzene-d6	8.27	84	450156	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	121898	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.12%
37) Toluene-d8	10.32	98	425178	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	10.58	79	50036	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	31127	46.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91177	23.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	148705	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds

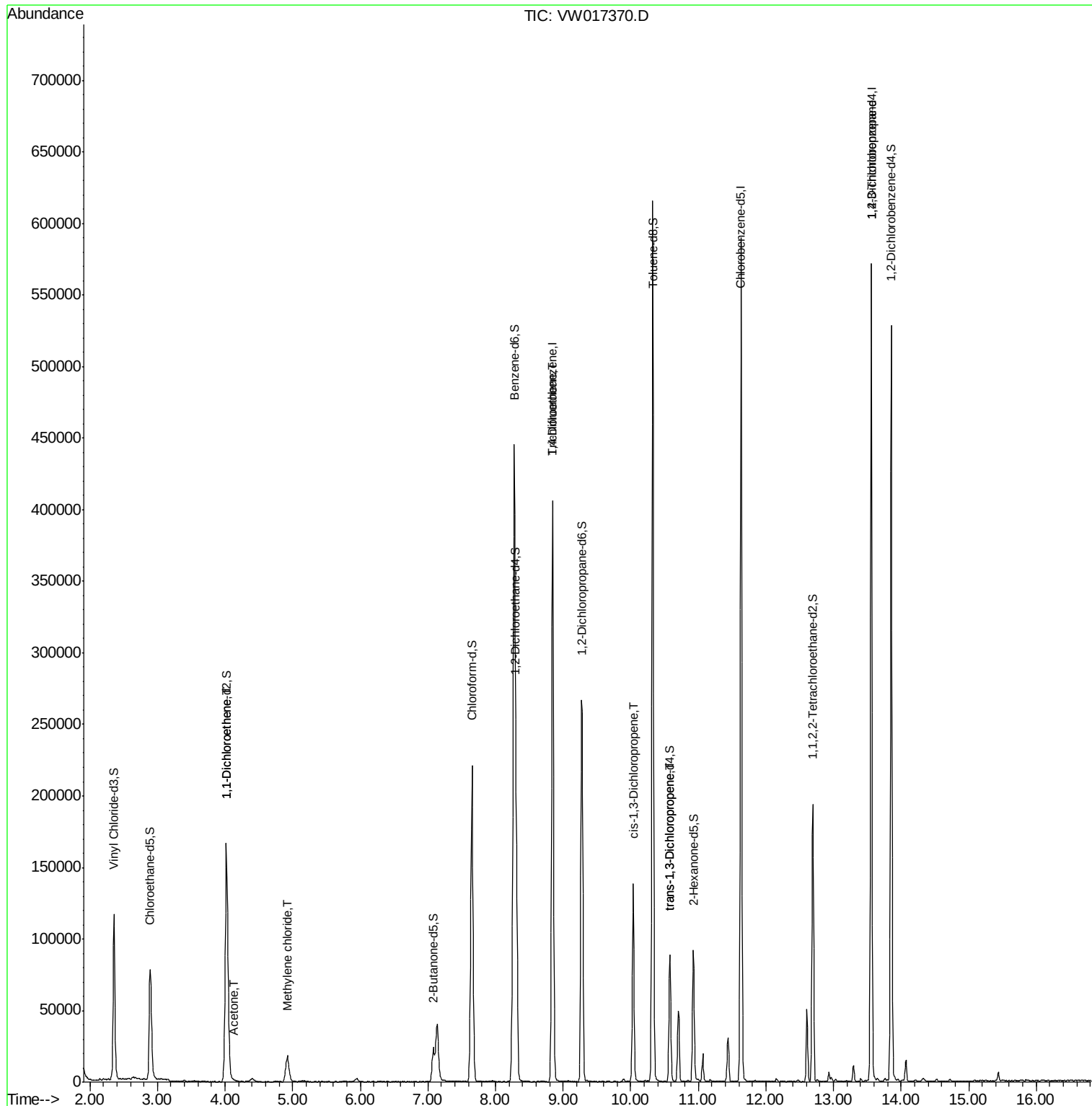
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1558	0.323 ug/L #	1
13) Acetone	4.13	43	1347	2.069 ug/L	58
16) Methylene chloride	4.92	84	15615	2.487 ug/L	94
35) Trichloroethene	8.84	95	10849	2.031 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3881	0.585 ug/L #	59
45) trans-1,3-Dichloropropene	10.59	75	2621	0.467 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	17011	6.463 ug/L	98

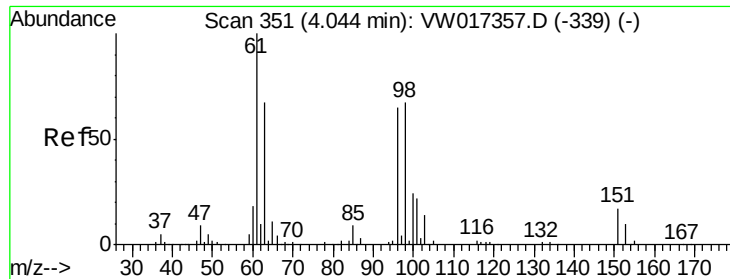
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.323 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BA5

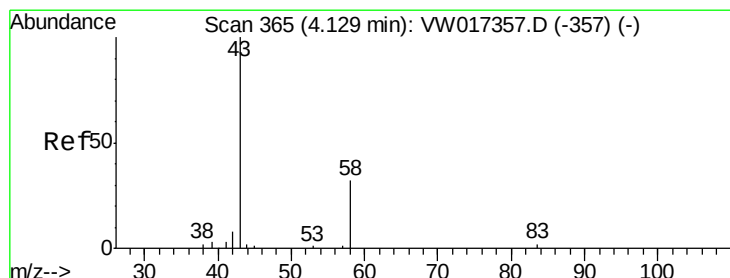
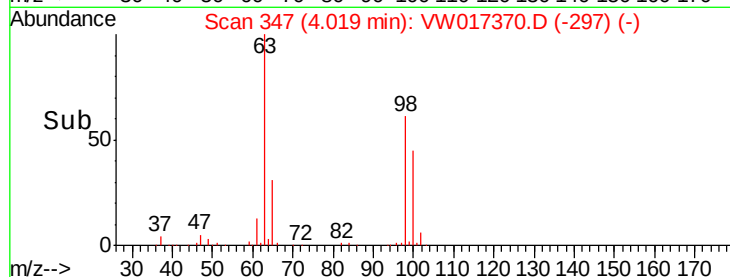
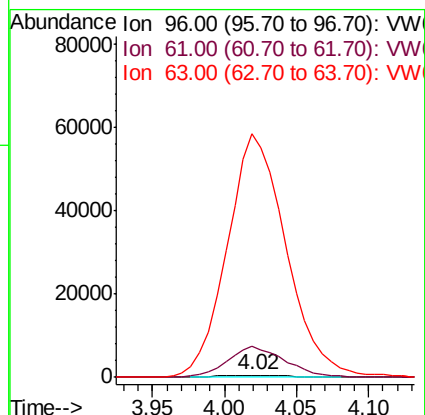
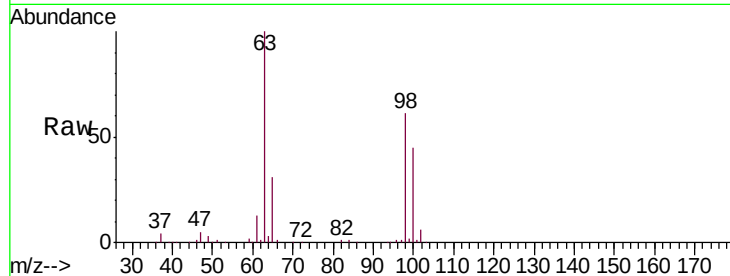
Tgt Ion: 96 Resp: 1558

Ion Ratio Lower Upper

96 100

61 1366.2 104.7 194.4#

63 10814.0 69.6 129.2#



#13

Acetone

Concen: 2.069 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017370.D

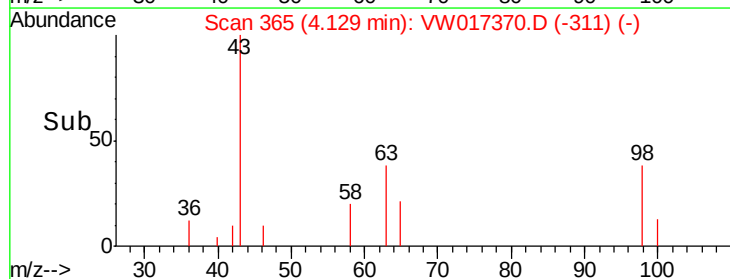
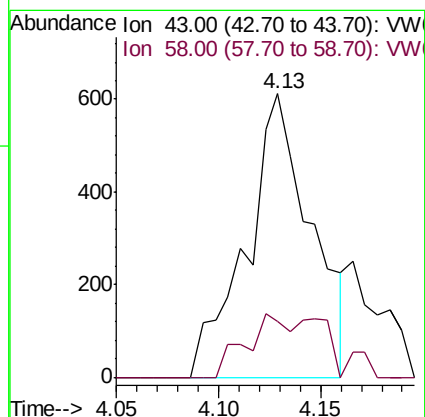
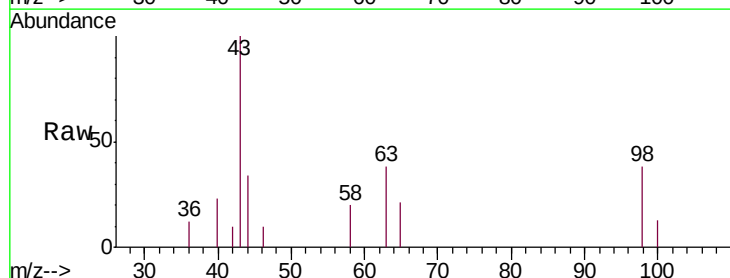
Acq: 19 Nov 2020 14:36

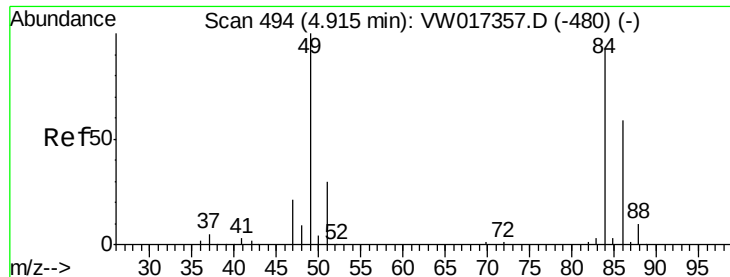
Tgt Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

58 9.7 0.0 67.0

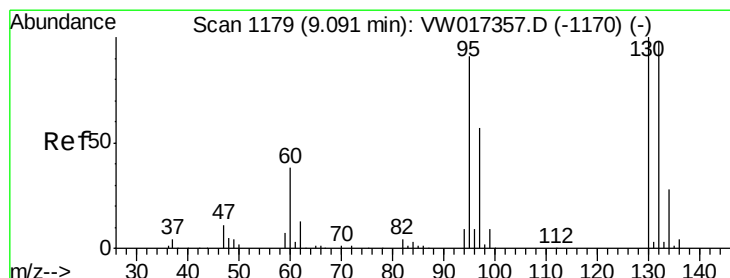
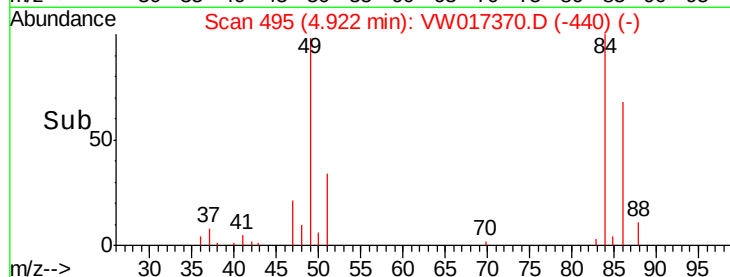
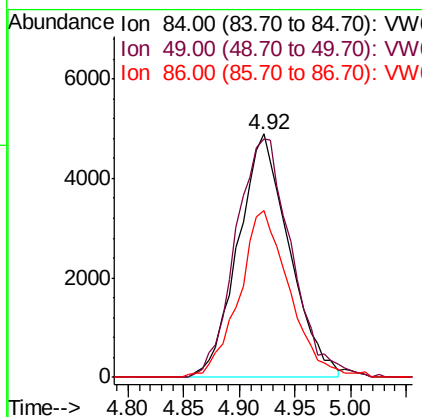
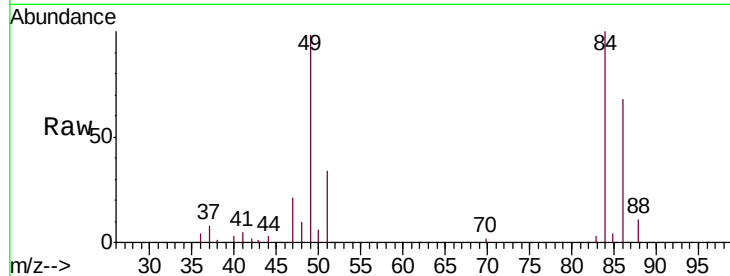




#16
Methylene chloride
Concen: 2.487 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017370.D
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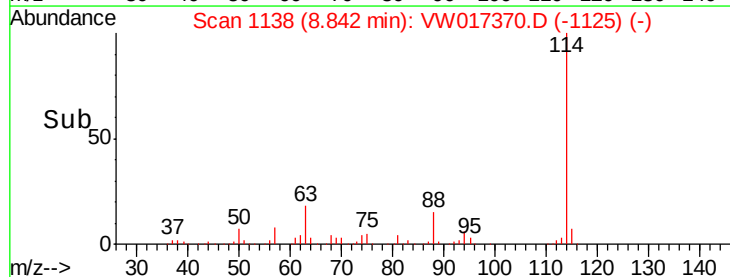
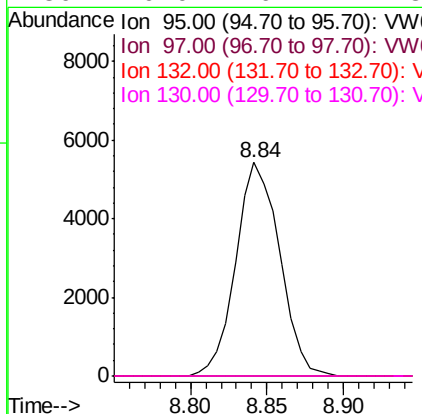
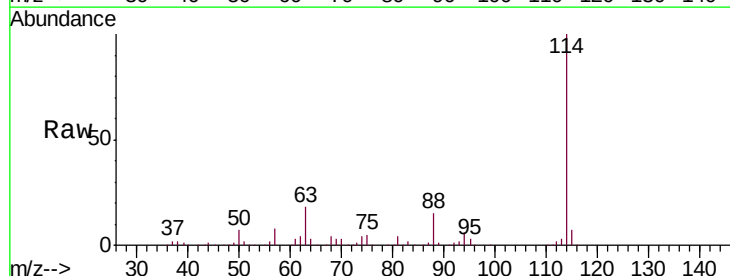
Instrument :
MSVOA_W
ClientSampleId :
C0BA5

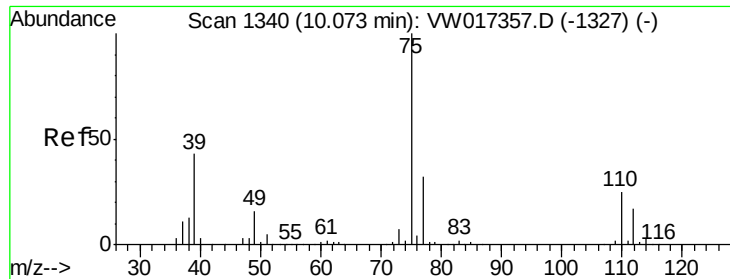
Tgt Ion: 84 Resp: 15615
Ion Ratio Lower Upper
84 100
49 98.2 71.5 132.9
86 68.3 42.8 79.4



#35
Trichloroethene
Concen: 2.031 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017370.D
Acq: 19 Nov 2020 14:36

Tgt Ion: 95 Resp: 10849
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#





#42

cis-1,3-Dichloropropene

Concen: 0.585 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017370.D

Acq: 19 Nov 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

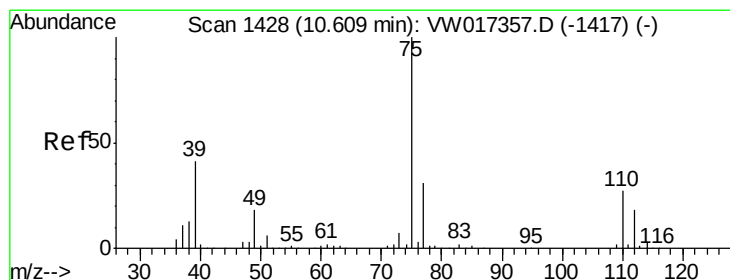
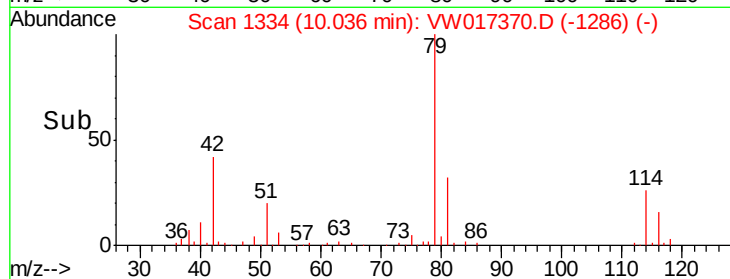
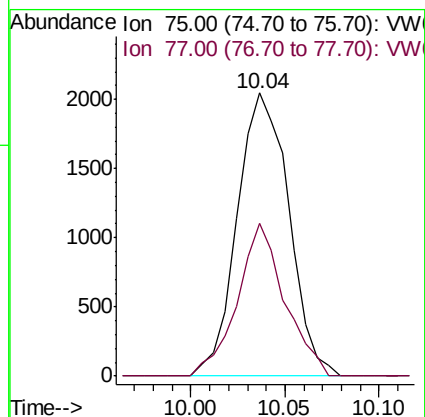
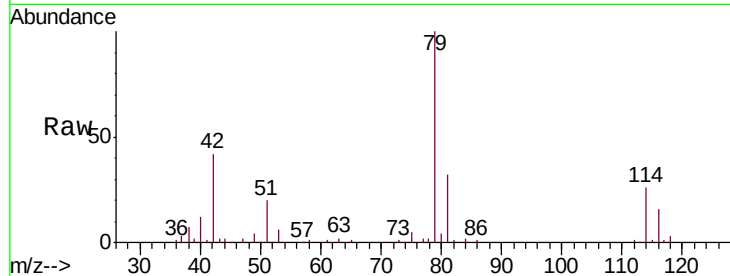
C0BA5

Tgt Ion: 75 Resp: 3881

Ion Ratio Lower Upper

75 100

77 53.9 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017370.D

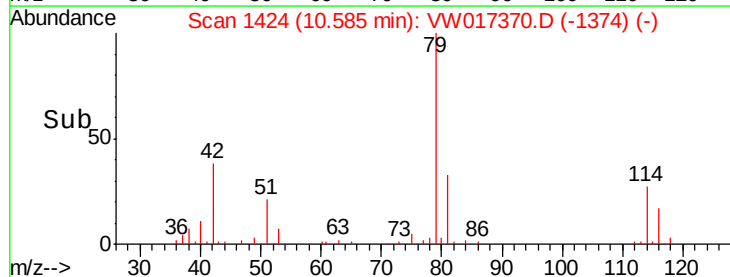
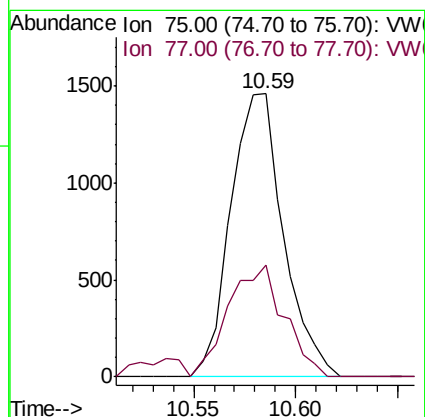
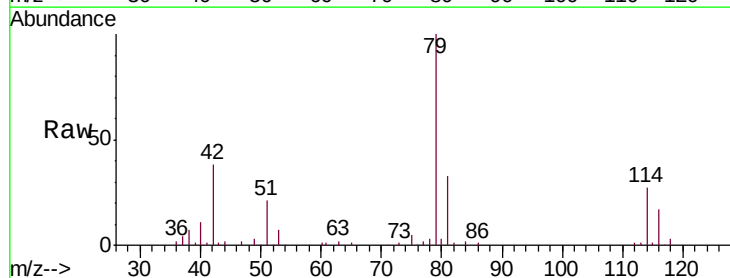
Acq: 19 Nov 2020 14:36

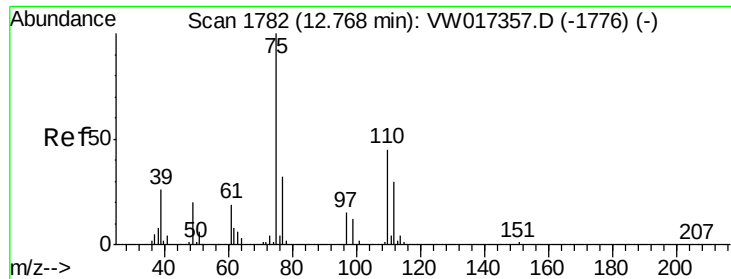
Tgt Ion: 75 Resp: 2621

Ion Ratio Lower Upper

75 100

77 39.7 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 6.463 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017370.D

Acq: 19 Nov 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

C0BA5

Tgt Ion: 75 Resp: 17011

Ion Ratio Lower Upper

75 100

77 32.2 26.6 40.0

