

Data File : VW017360.D
Acq On : 19 Nov 2020 10:41
Operator : SY/VA
Sample : L4738-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 20 01:19:37 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	365086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160103	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122159	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	99098	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
10) 1,1-Dichloroethene-d2	4.02	63	162085	17.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.56%
20) 2-Butanone-d5	7.08	46	38653	43.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.10%
24) Chloroform-d	7.65	84	223753	23.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	8.31	65	113933	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	449719	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	9.27	67	121783	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
37) Toluene-d8	10.32	98	428549	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	10.58	79	49297	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	30338	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89911	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	148597	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

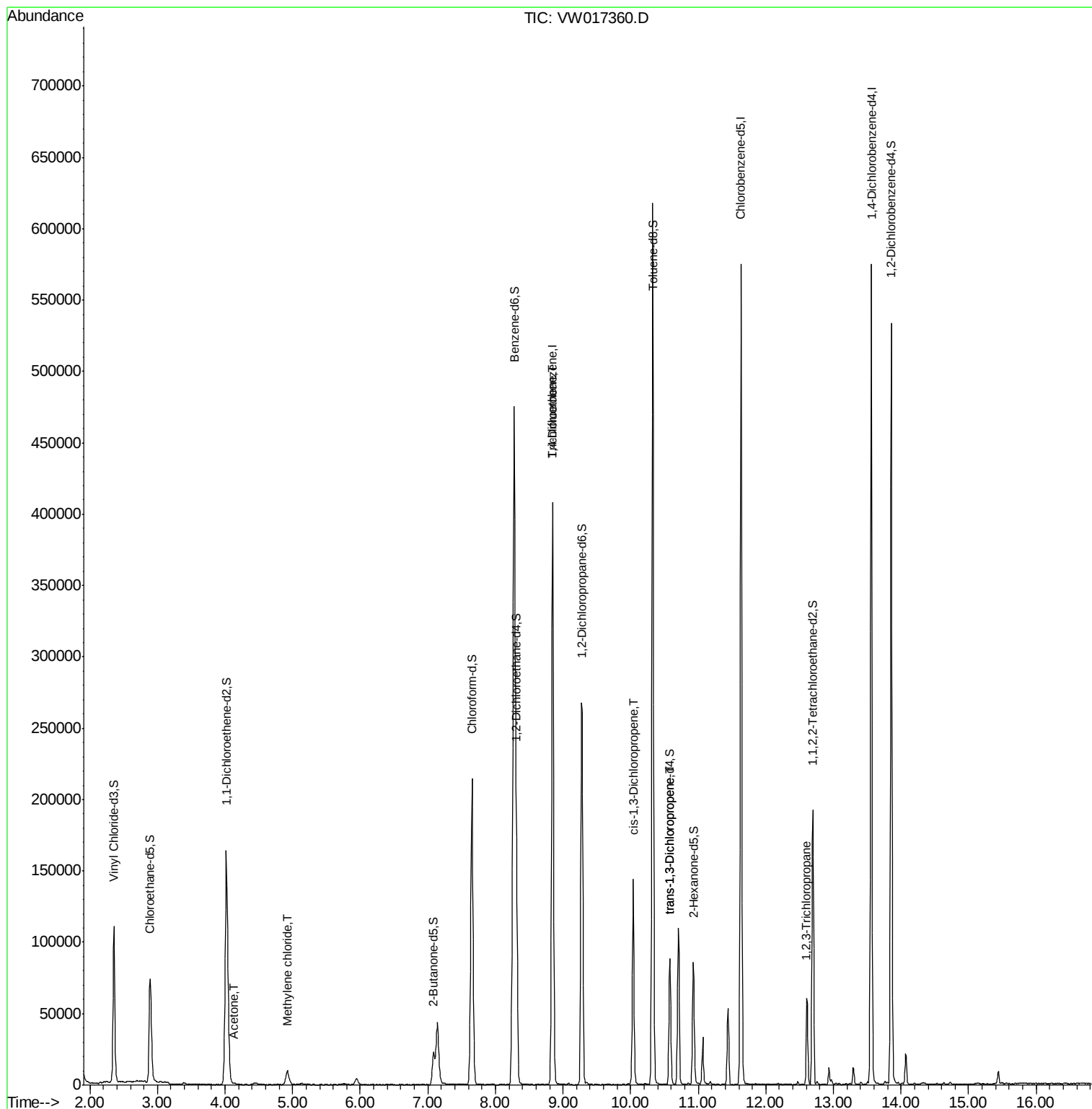
					Qvalue
13) Acetone	4.14	43	348	0.537 ug/L	59
16) Methylene chloride	4.92	84	7816	1.252 ug/L	93
35) Trichloroethene	8.85	95	10312	1.915 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3954	0.592 ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	2457	0.434 ug/L #	83
59) 1,2,3-Trichloropropane	12.60	75	707	0.266 ug/L	96

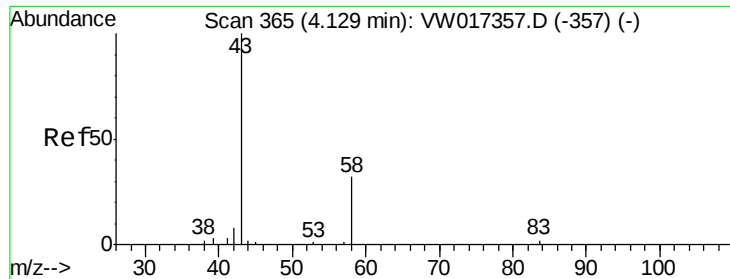
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:18:11 2020
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#13

Acetone

Concen: 0.537 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 19 Nov 2020 10:41

Instrument :

MSVOA_W

ClientSampled :

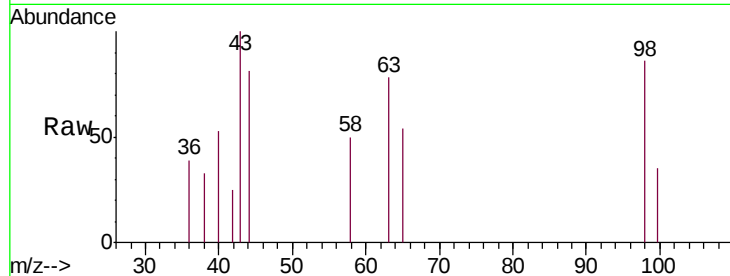
VHBLK01

Tgt Ion: 43 Resp: 348

Ion Ratio Lower Upper

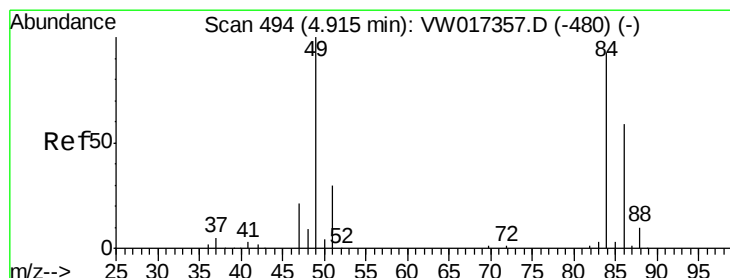
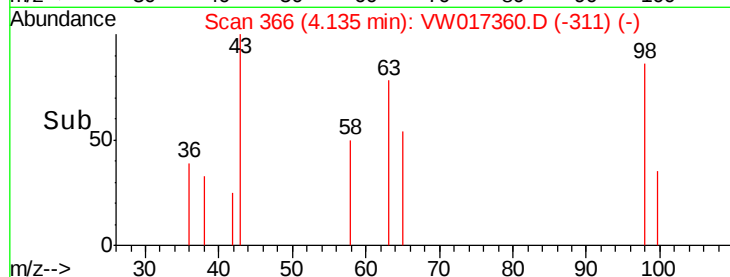
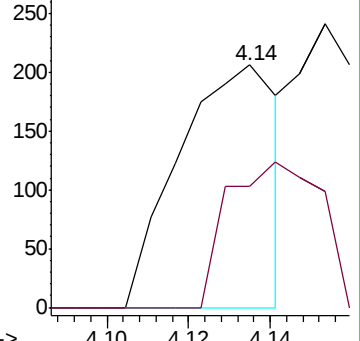
43 100

58 56.6 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: 1.252 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017360.D

Acq: 19 Nov 2020 10:41

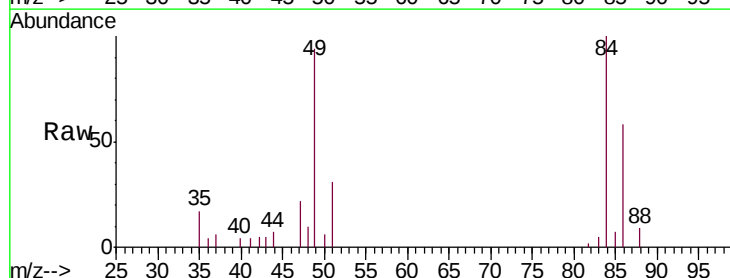
Tgt Ion: 84 Resp: 7816

Ion Ratio Lower Upper

84 100

49 93.7 71.5 132.9

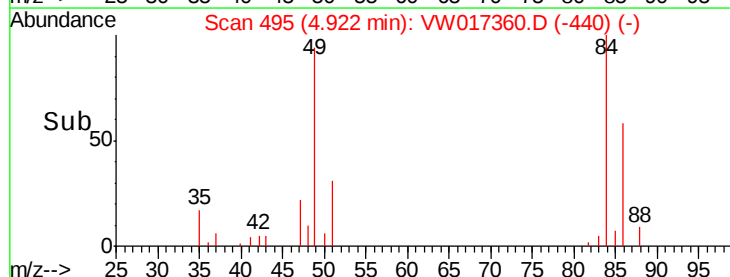
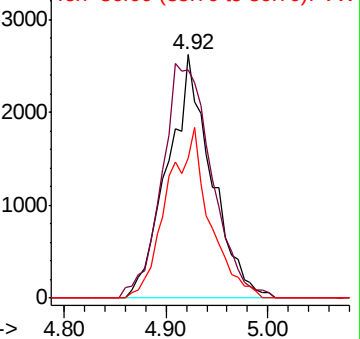
86 57.5 42.8 79.4

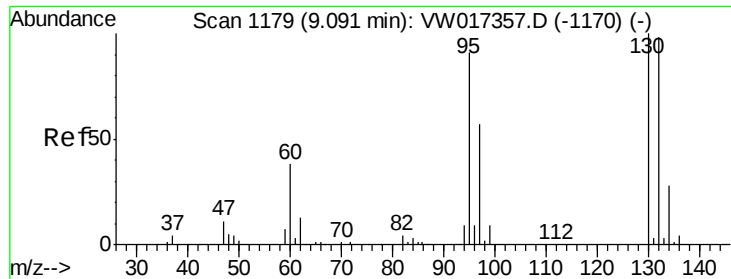


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.915 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 10312

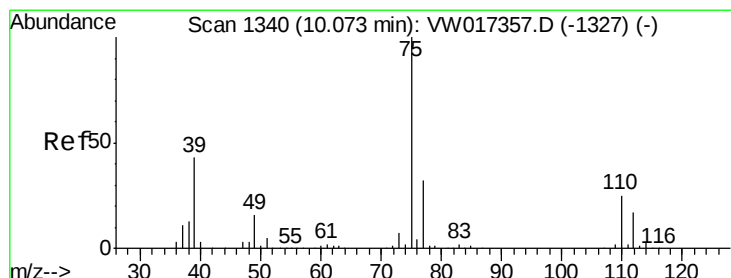
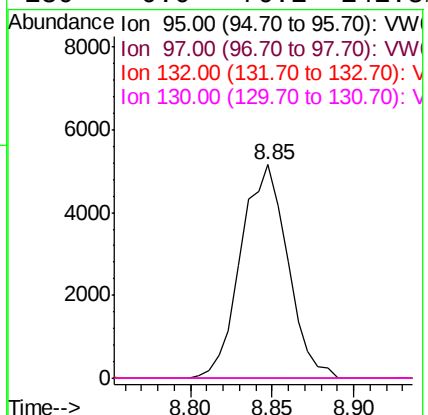
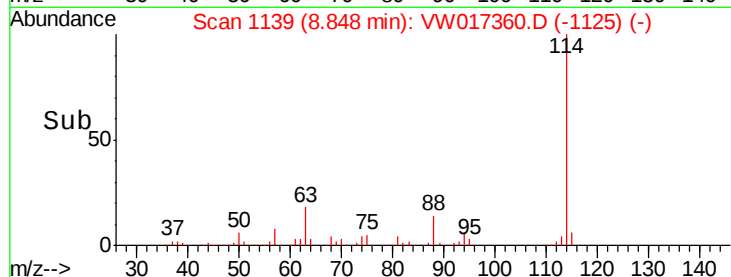
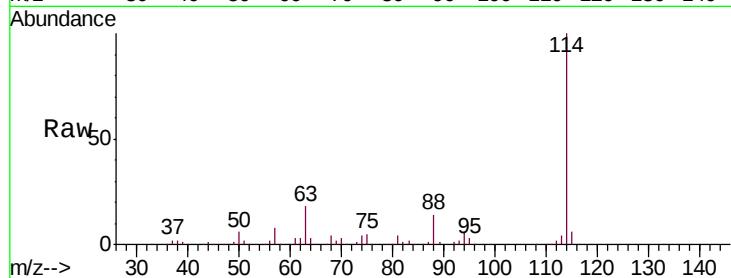
Ion Ratio Lower Upper

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: 0.592 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017360.D

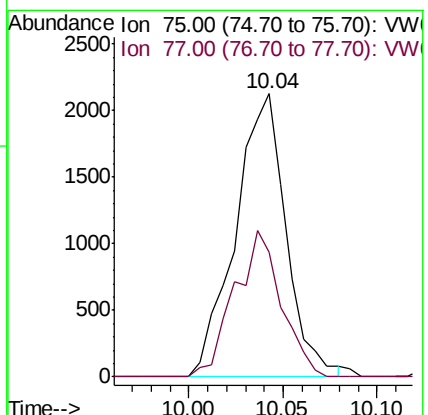
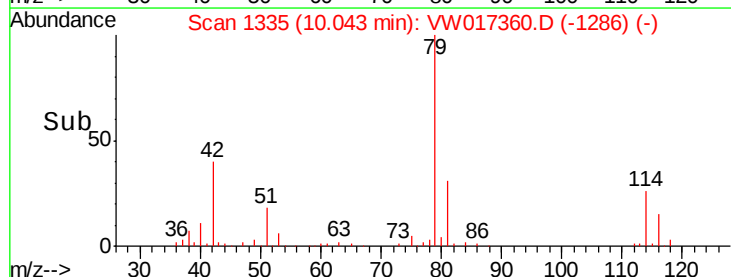
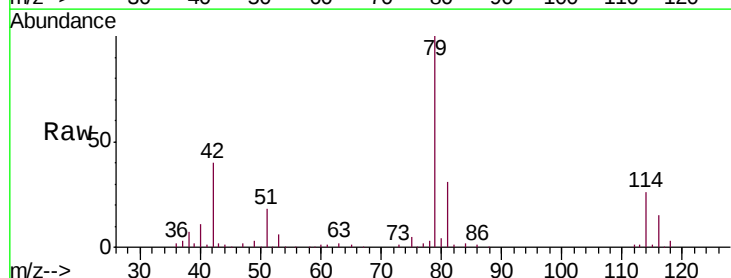
Acq: 19 Nov 2020 10:41

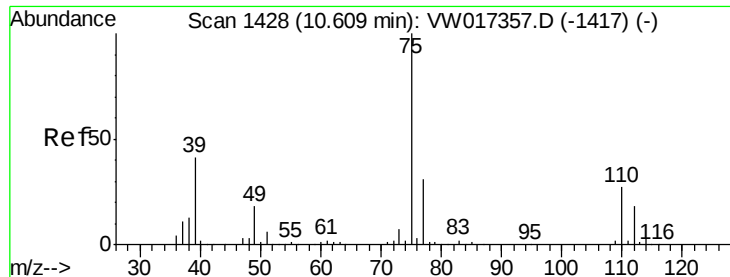
Tgt Ion: 75 Resp: 3954

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017360.D

Acq: 19 Nov 2020 10:41

Instrument :

MSVOA_W

ClientSampleId :

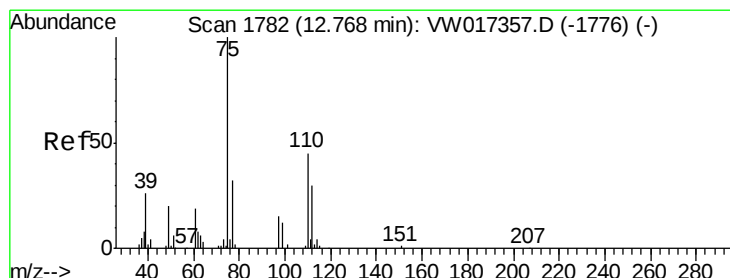
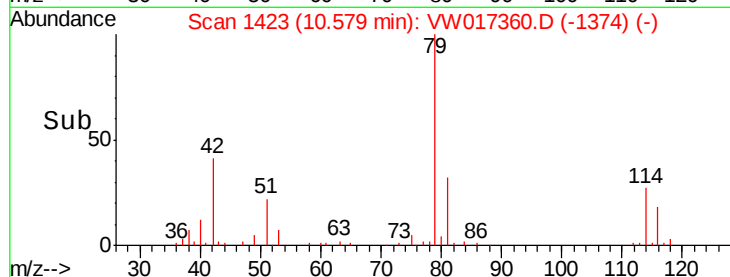
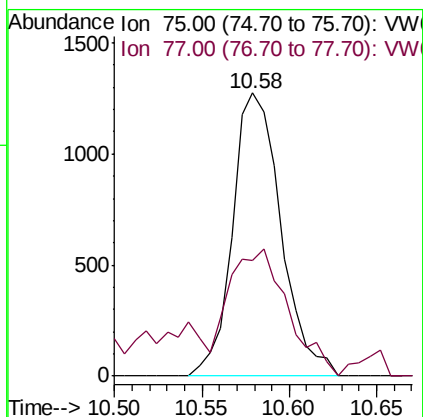
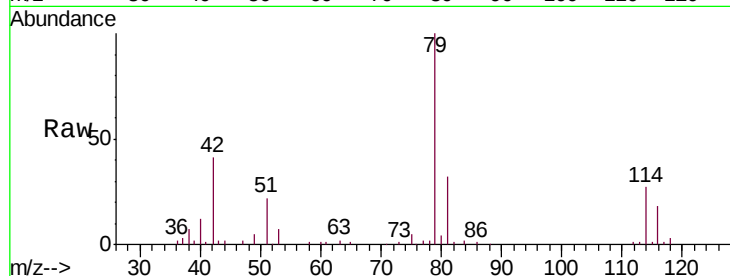
VHBLK01

Tgt Ion: 75 Resp: 2457

Ion Ratio Lower Upper

75 100

77 41.0 22.0 40.8#



#59

1,2,3-Trichloropropane

Concen: 0.266 ug/L

RT: 12.60 min Scan# 1754

Delta R.T. -0.17 min

Lab File: VW017360.D

Acq: 19 Nov 2020 10:41

Tgt Ion: 75 Resp: 707

Ion Ratio Lower Upper

75 100

77 30.8 26.6 40.0

