

Data File : VW017359.D
Acq On : 19 Nov 2020 10:18
Operator : SY/VA
Sample : L4711-15
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 20 01:19:29 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	356016	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115397	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.90	69	93662	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.02	63	151286	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	7.08	46	38004	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.65	84	208759	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.30	65	105952	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	8.27	84	418039	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.27	67	111645	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.72%
37) Toluene-d8	10.33	98	390434	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	10.58	79	46353	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.40%
39) 2-Hexanone-d5	10.93	63	29172	45.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86584	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	136959	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds

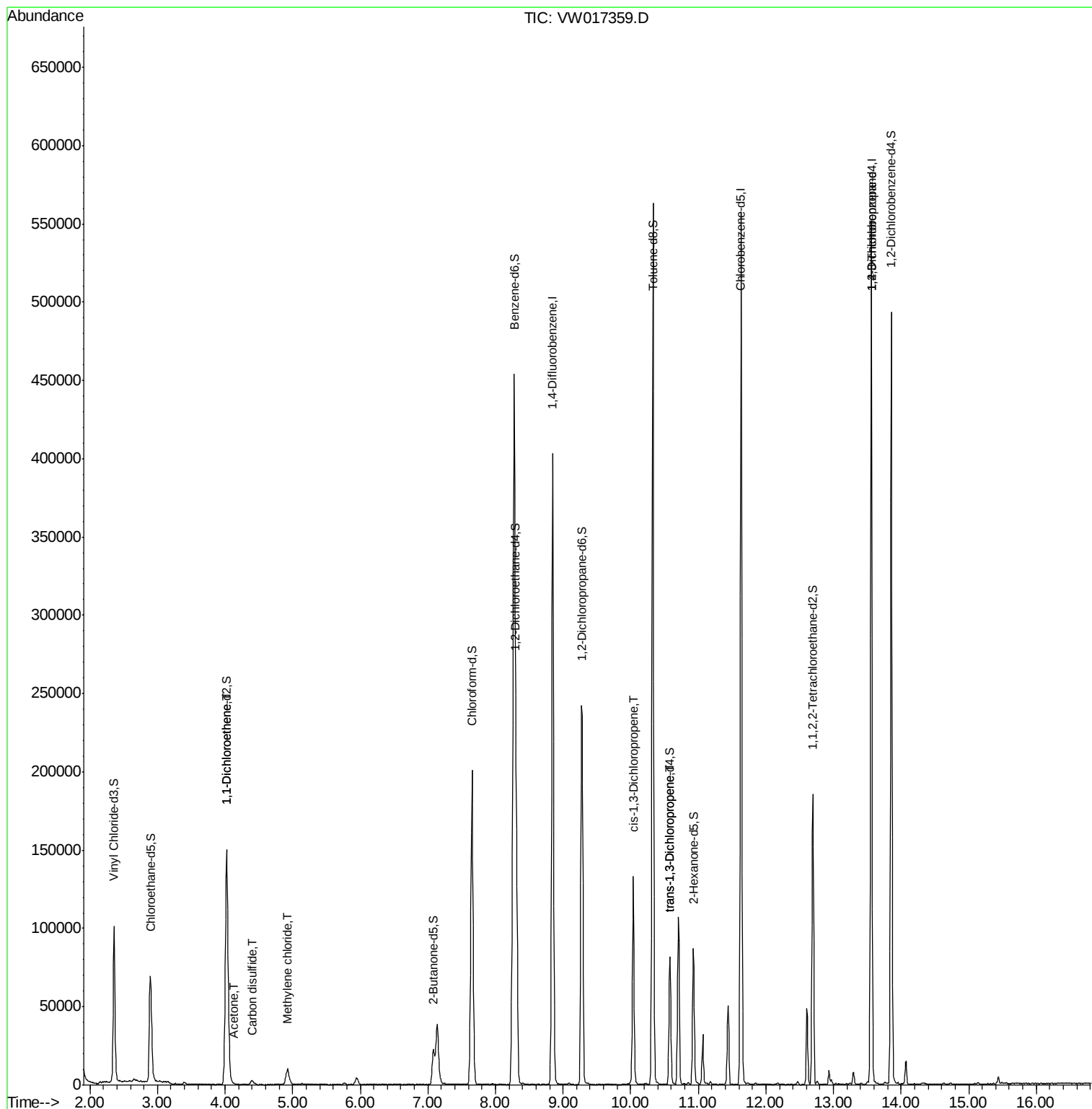
					Qvalue
12) 1,1-Dichloroethene	4.03	96	1352	0.289 ug/L #	1
13) Acetone	4.13	43	427	0.676 ug/L	68
14) Carbon disulfide	4.39	76	3739	0.272 ug/L #	93
16) Methylene chloride	4.92	84	8223	1.350 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	3591	0.565 ug/L #	48
45) trans-1,3-Dichloropropene	10.59	75	2458	0.456 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	16302	6.455 ug/L	100

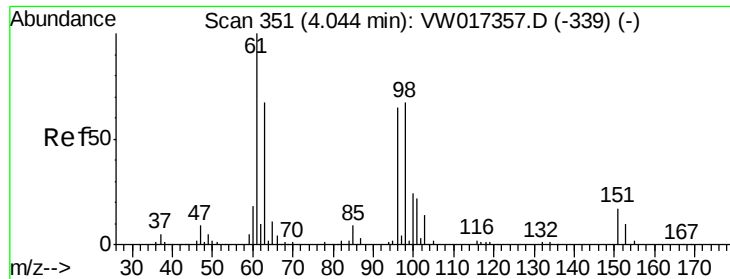
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

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ClientSampleId :

VHBLK01

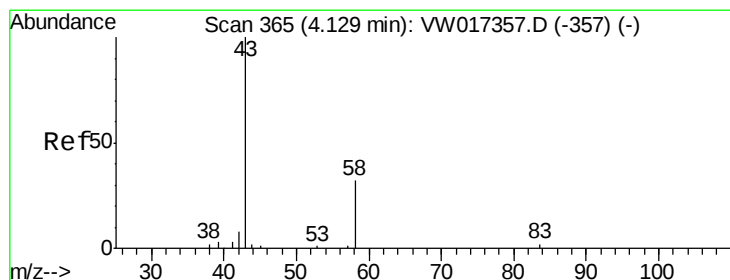
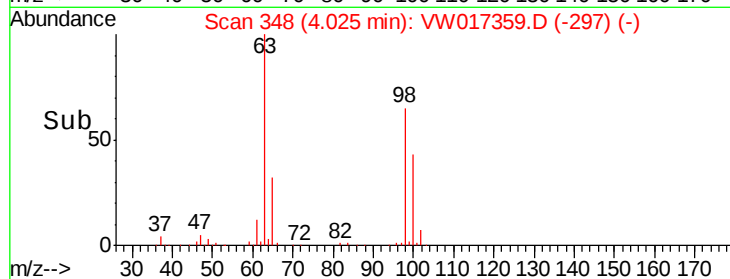
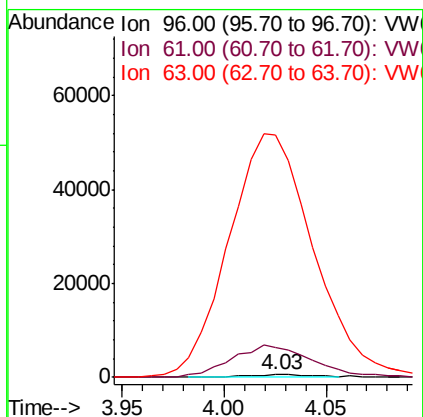
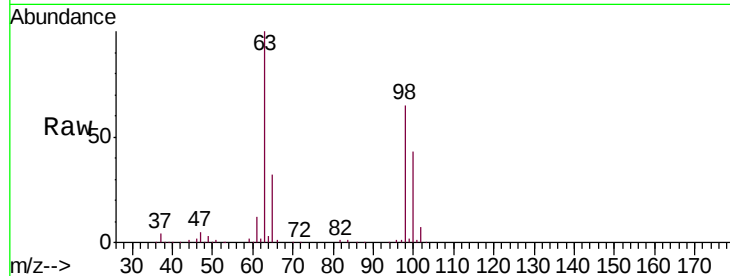
Tgt Ion: 96 Resp: 1352

Ion Ratio Lower Upper

96 100

61 1090.5 104.7 194.4#

63 8910.7 69.6 129.2#



#13

Acetone

Concen: 0.676 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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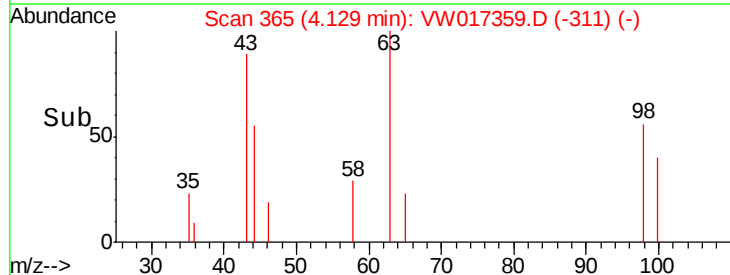
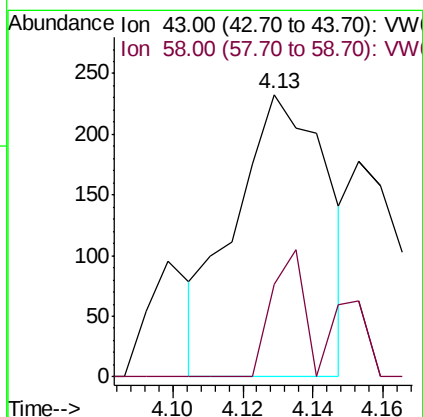
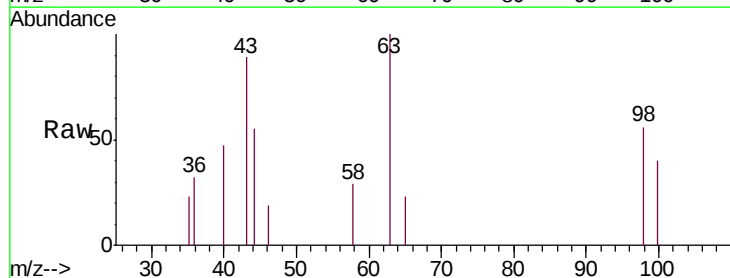
Acq: 19 Nov 2020 10:18

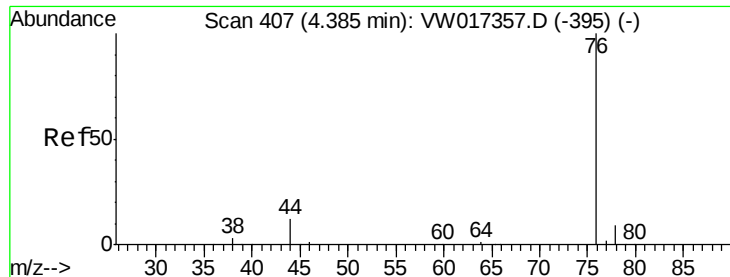
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

58 15.5 0.0 67.0





#14

Carbon disulfide

Concen: 0.272 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

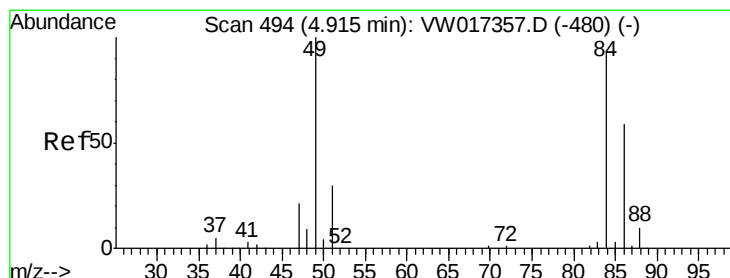
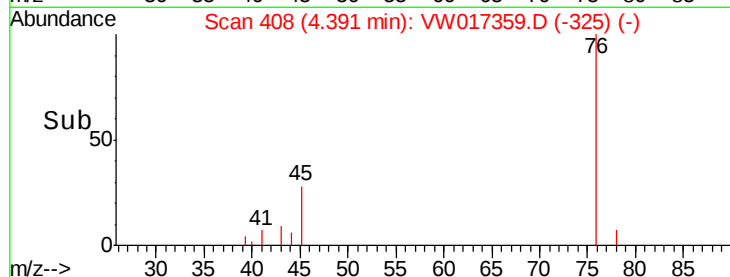
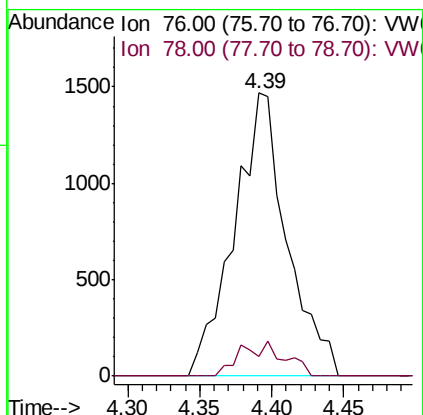
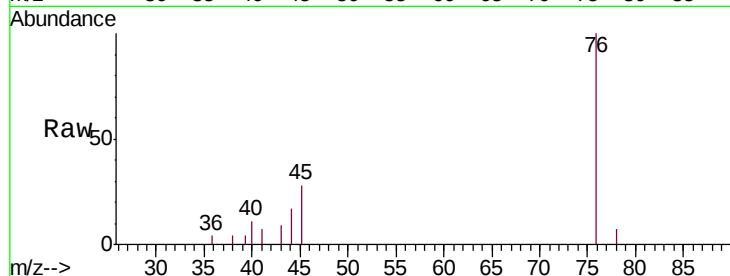
VHBLK01

Tgt Ion: 76 Resp: 3739

Ion Ratio Lower Upper

76 100

78 7.0 7.8 11.6#



#16

Methylene chloride

Concen: 1.350 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017359.D

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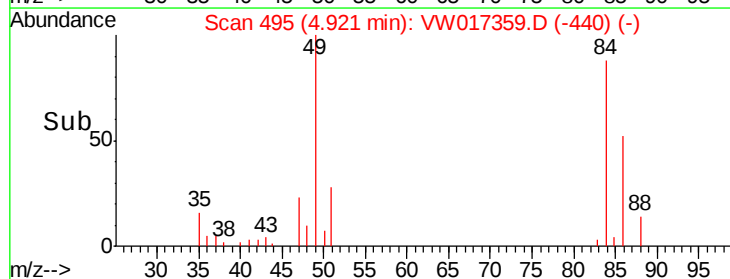
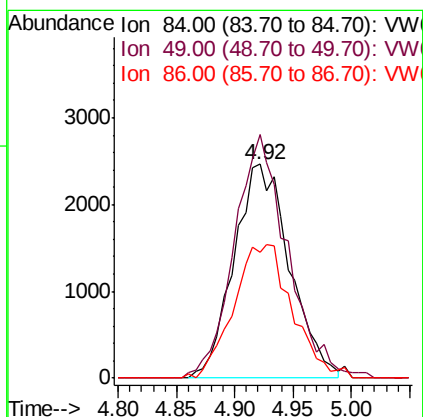
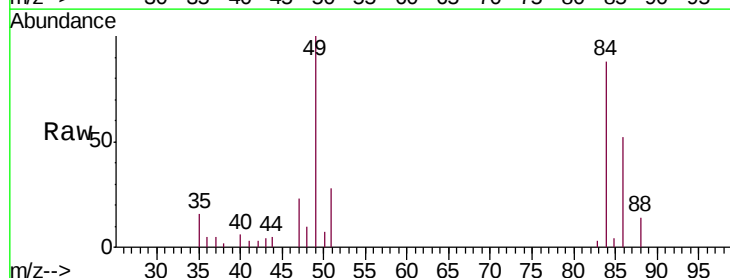
Tgt Ion: 84 Resp: 8223

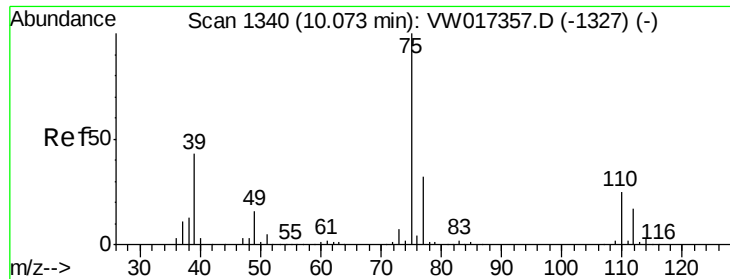
Ion Ratio Lower Upper

84 100

49 114.0 71.5 132.9

86 59.1 42.8 79.4





#42

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017359.D

Acq: 19 Nov 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

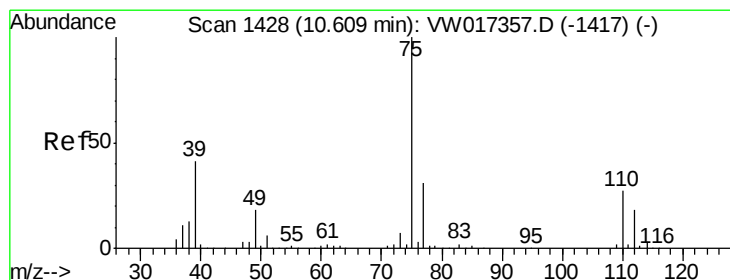
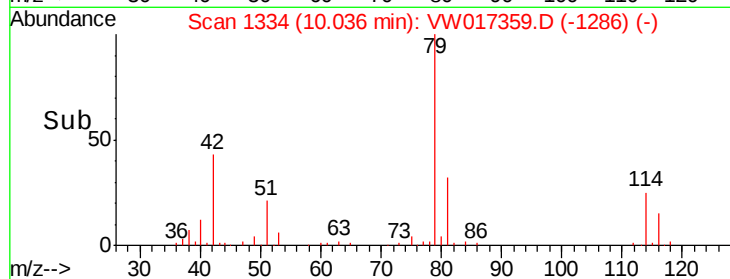
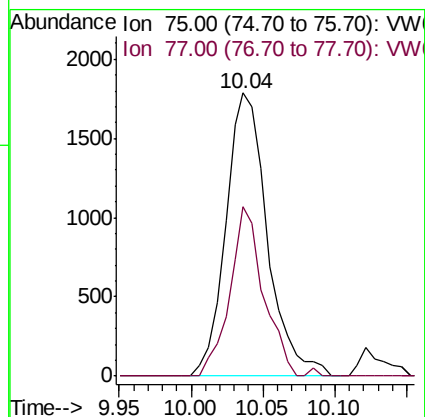
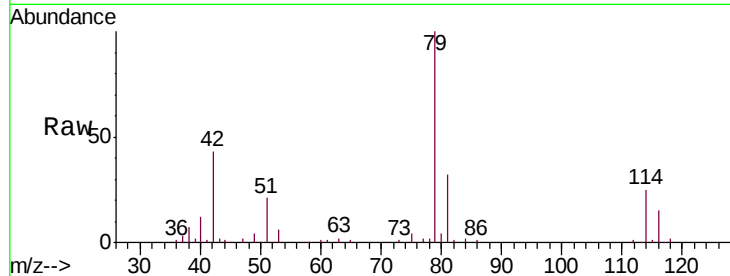
VHBLK01

Tgt Ion: 75 Resp: 3591

Ion Ratio Lower Upper

75 100

77 59.7 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.456 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017359.D

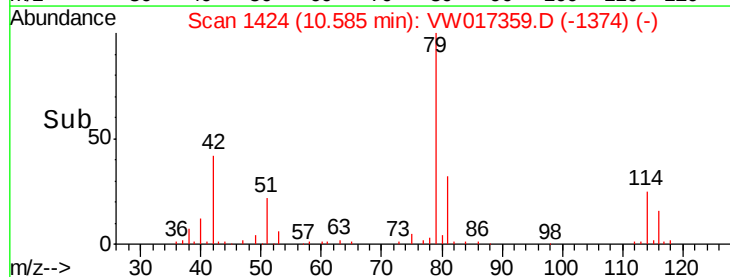
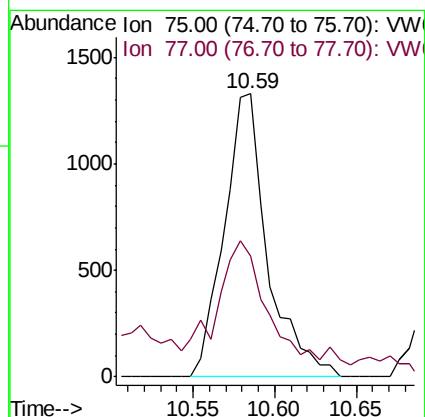
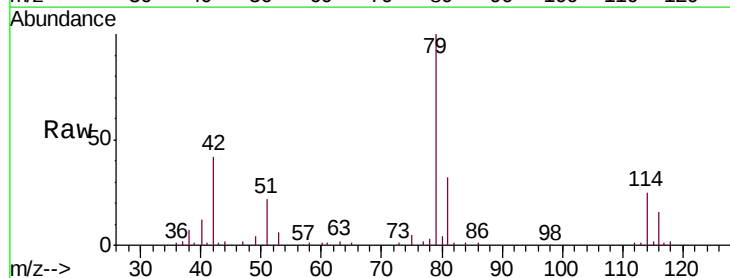
Acq: 19 Nov 2020 10:18

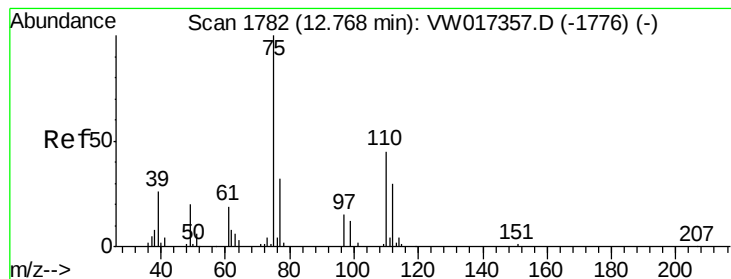
Tgt Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

77 42.6 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 6.455 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017359.D

Acq: 19 Nov 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 16302

Ion Ratio Lower Upper

75 100

77 33.0 26.6 40.0

