

Data File : VW017346.D
Acq On : 18 Nov 2020 22:36
Operator : SY/VA
Sample : L4749-14
Misc : 4.77G/14ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B13

Quant Time: Nov 19 05:07:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279665	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132022	24.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.89	69	106897	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.80%
10) 1,1-Dichloroethene-d2	4.02	63	170813	18.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.16%
20) 2-Butanone-d5	7.08	46	28362	32.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.70%
24) Chloroform-d	7.65	84	236289	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.31	65	117399	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.27	84	455742	28.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.64%
33) 1,2-Dichloropropane-d6	9.27	67	127426	30.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.36%#
37) Toluene-d8	10.33	98	391628	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.56%
38) trans-1,3-Dichloropropene-	10.58	79	38809	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	21238	37.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79374	24.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	85160	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

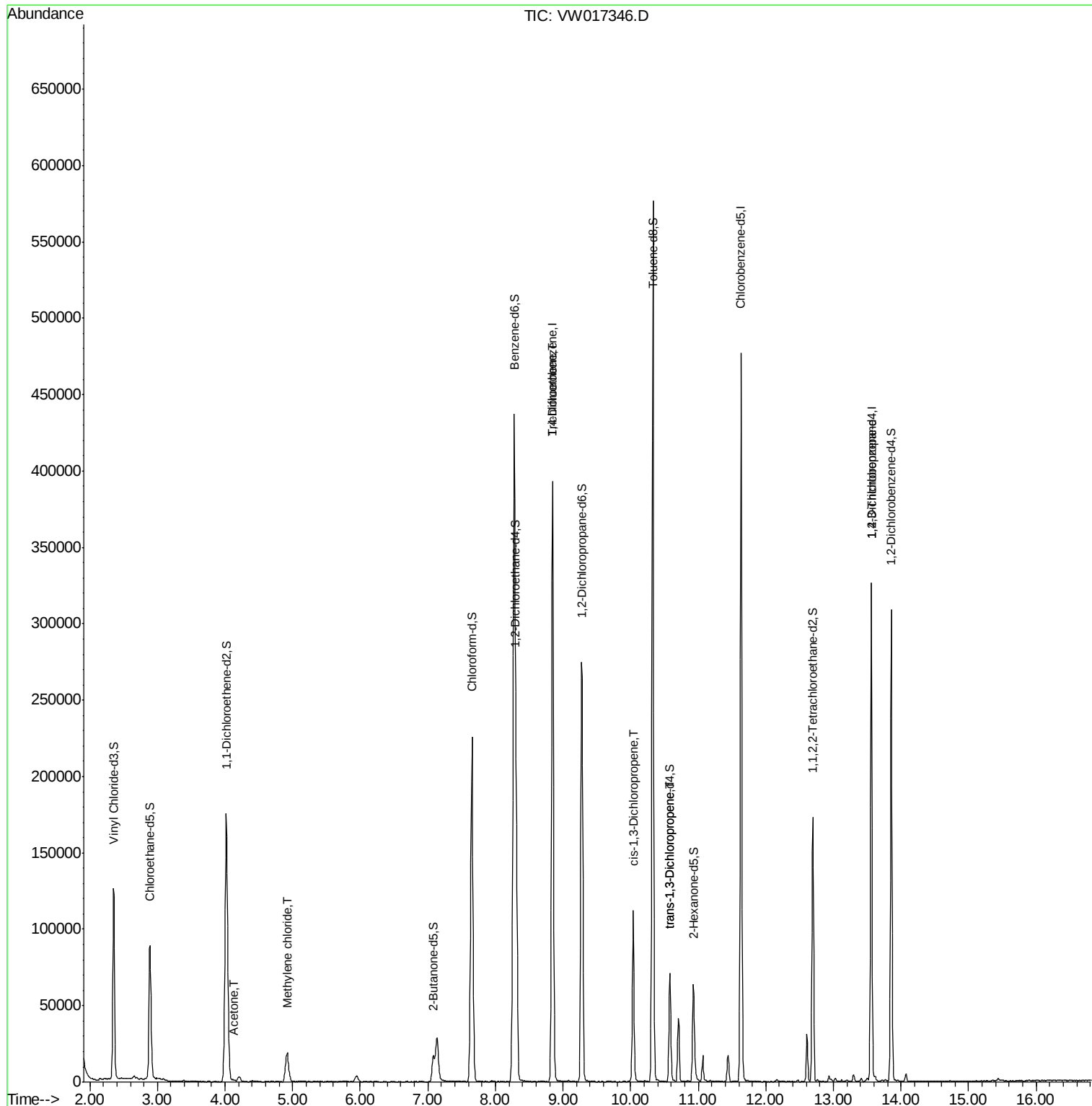
					Qvalue
13) Acetone	4.13	43	1509	2.359 ug/L	65
16) Methylene chloride	4.92	84	15992	2.592 ug/L	94
35) Trichloroethene	8.84	95	10202	2.283 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3137	0.566 ug/L #	77
45) trans-1,3-Dichloropropene	10.59	75	1848	0.393 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	10010	4.546 ug/L	96

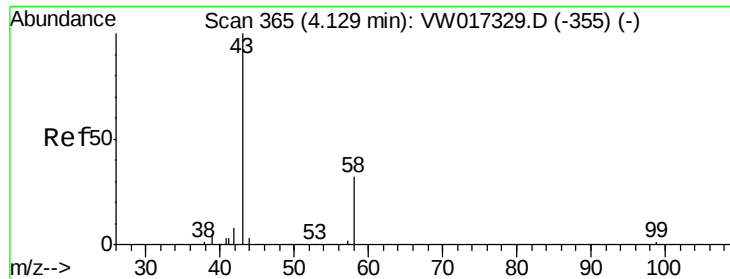
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.359 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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Acq: 18 Nov 2020 22:36

Instrument :

MSVOA_W

ClientSampled :

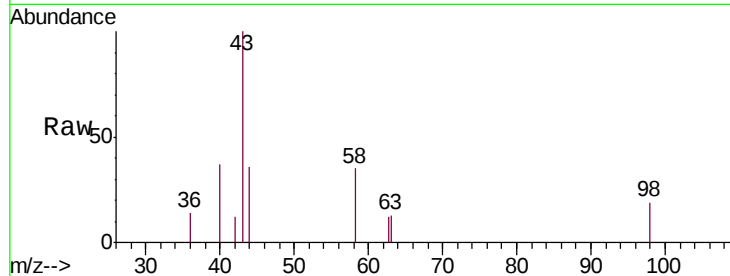
C0B13

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

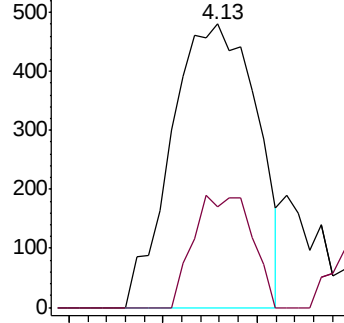
43 100

58 13.3 0.0 67.0

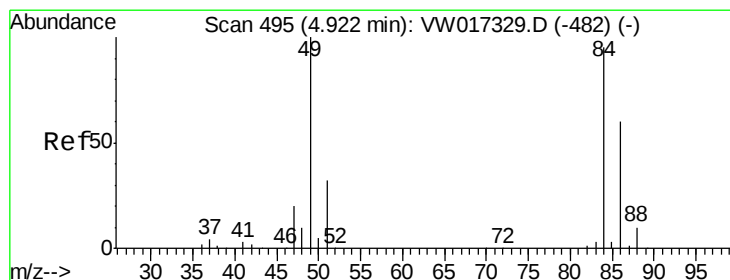
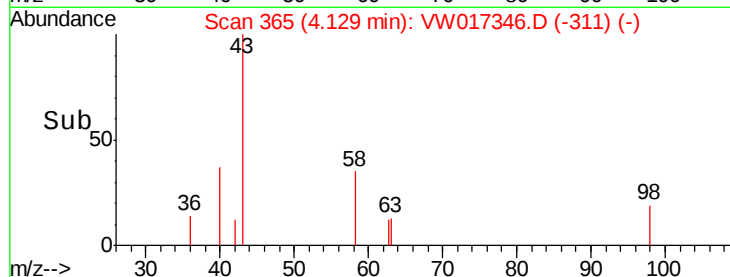


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.592 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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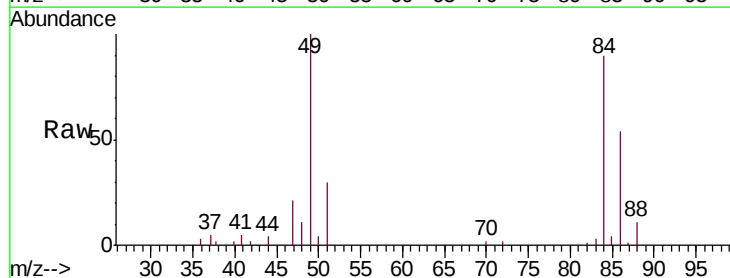
Tgt Ion: 84 Resp: 15992

Ion Ratio Lower Upper

84 100

49 111.1 71.5 132.9

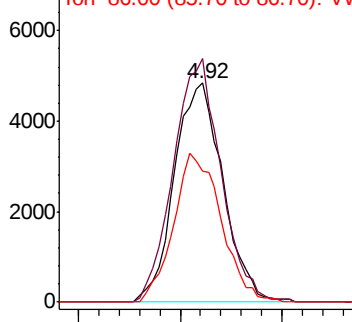
86 59.5 42.8 79.4



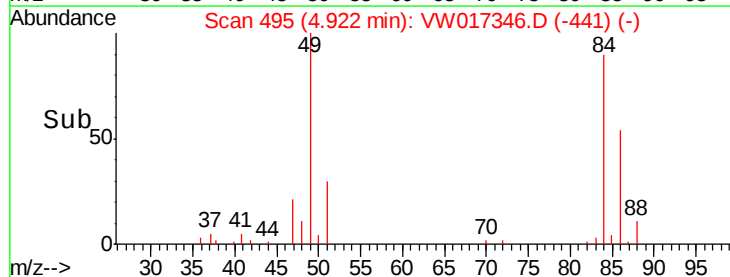
Abundance Ion 84.00 (83.70 to 84.70): VW

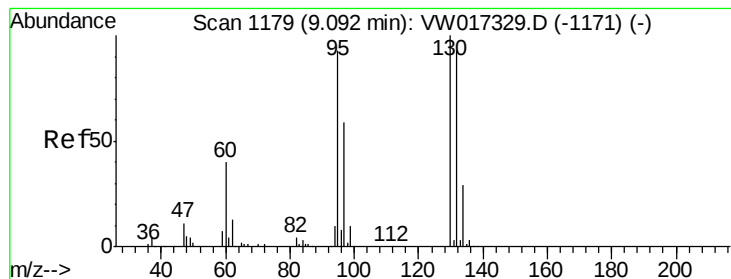
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#35

Trichloroethene

Concen: 2.283 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

C0B13

Tgt Ion: 95 Resp: 10202

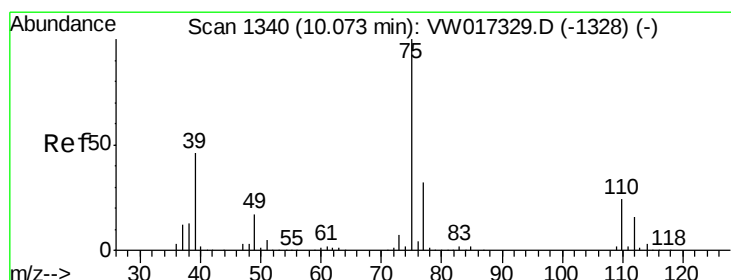
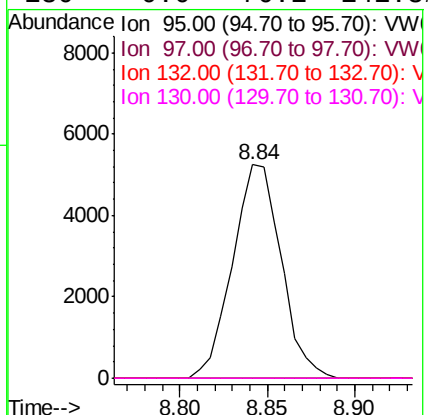
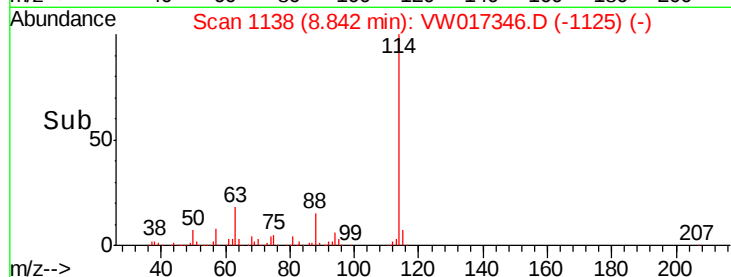
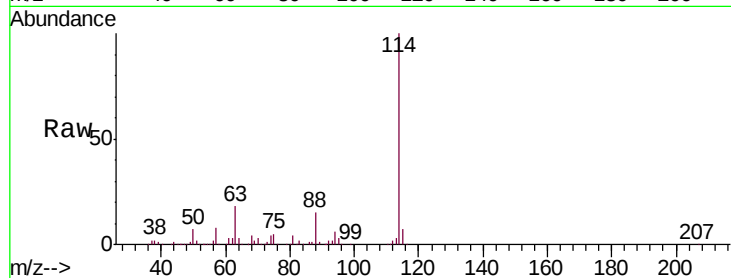
Ion Ratio Lower Upper

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: 0.566 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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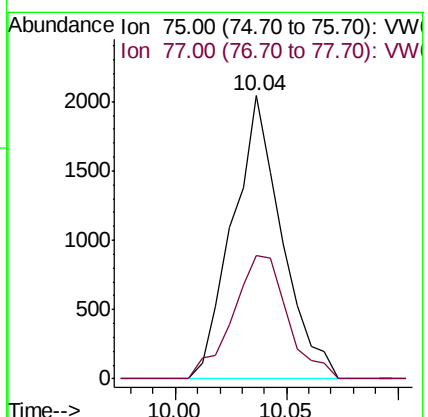
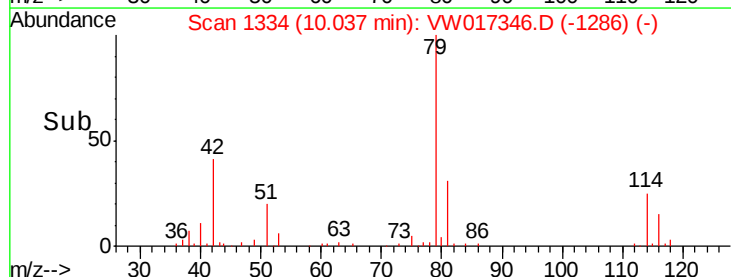
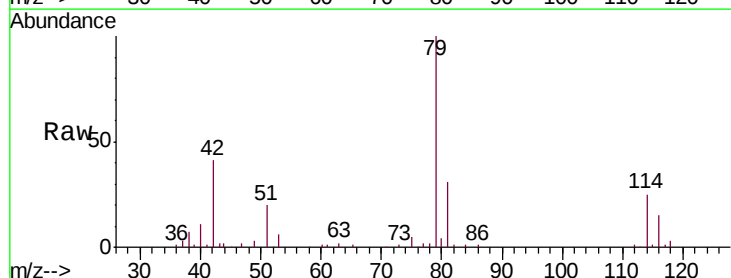
Acq: 18 Nov 2020 22:36

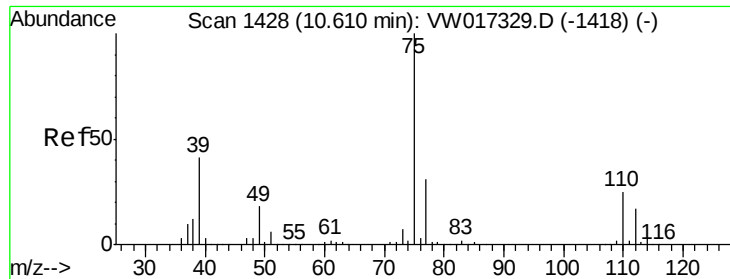
Tgt Ion: 75 Resp: 3137

Ion Ratio Lower Upper

75 100

77 43.5 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017346.D

Acq: 18 Nov 2020 22:36

Instrument :

MSVOA_W

ClientSampled :

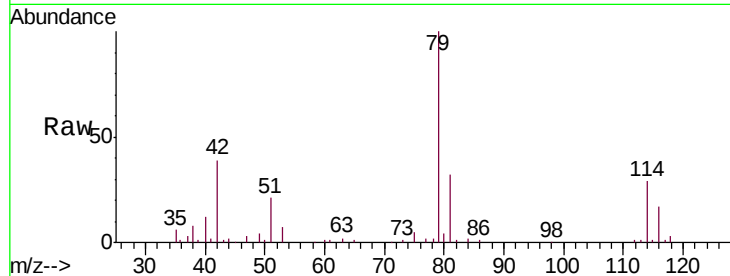
C0B13

Tgt Ion: 75 Resp: 1848

Ion Ratio Lower Upper

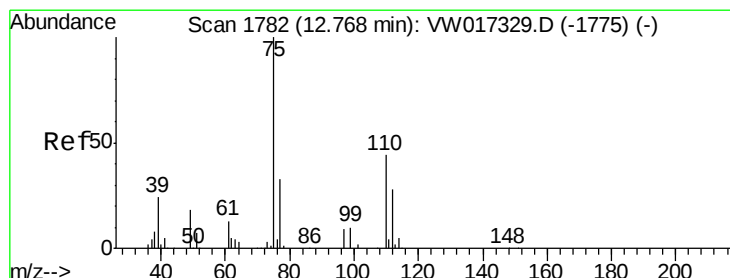
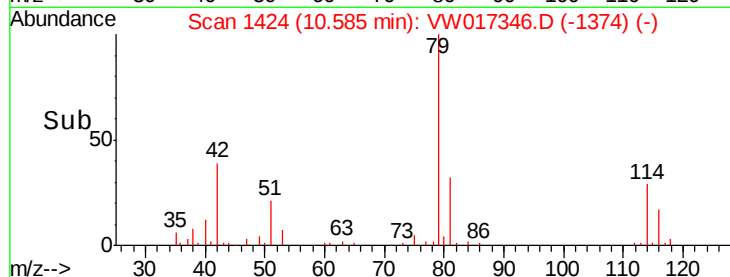
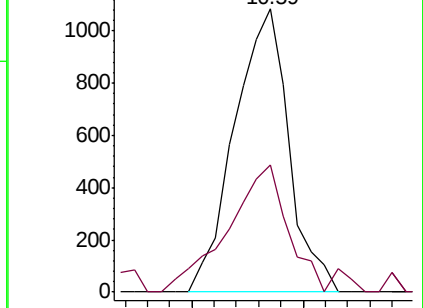
75 100

77 45.2 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: 4.546 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017346.D

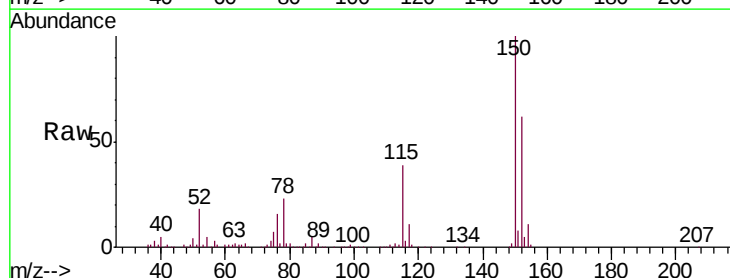
Acq: 18 Nov 2020 22:36

Tgt Ion: 75 Resp: 10010

Ion Ratio Lower Upper

75 100

77 35.4 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

