

Data File : VW017344.D
Acq On : 18 Nov 2020 21:49
Operator : SY/VA
Sample : L4749-12
Misc : 5.08G/14ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AX9

Quant Time: Nov 19 05:07:43 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	358232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133196	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128732	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
7) Chloroethane-d5	2.90	69	103401	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.03	63	160504	17.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.20%
20) 2-Butanone-d5	7.08	46	34931	40.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.22%
24) Chloroform-d	7.65	84	219350	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	110279	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	8.28	84	425770	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	118900	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	10.33	98	384289	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
38) trans-1,3-Dichloropropene-	10.58	79	43107	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	27392	42.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84775	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	120142	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

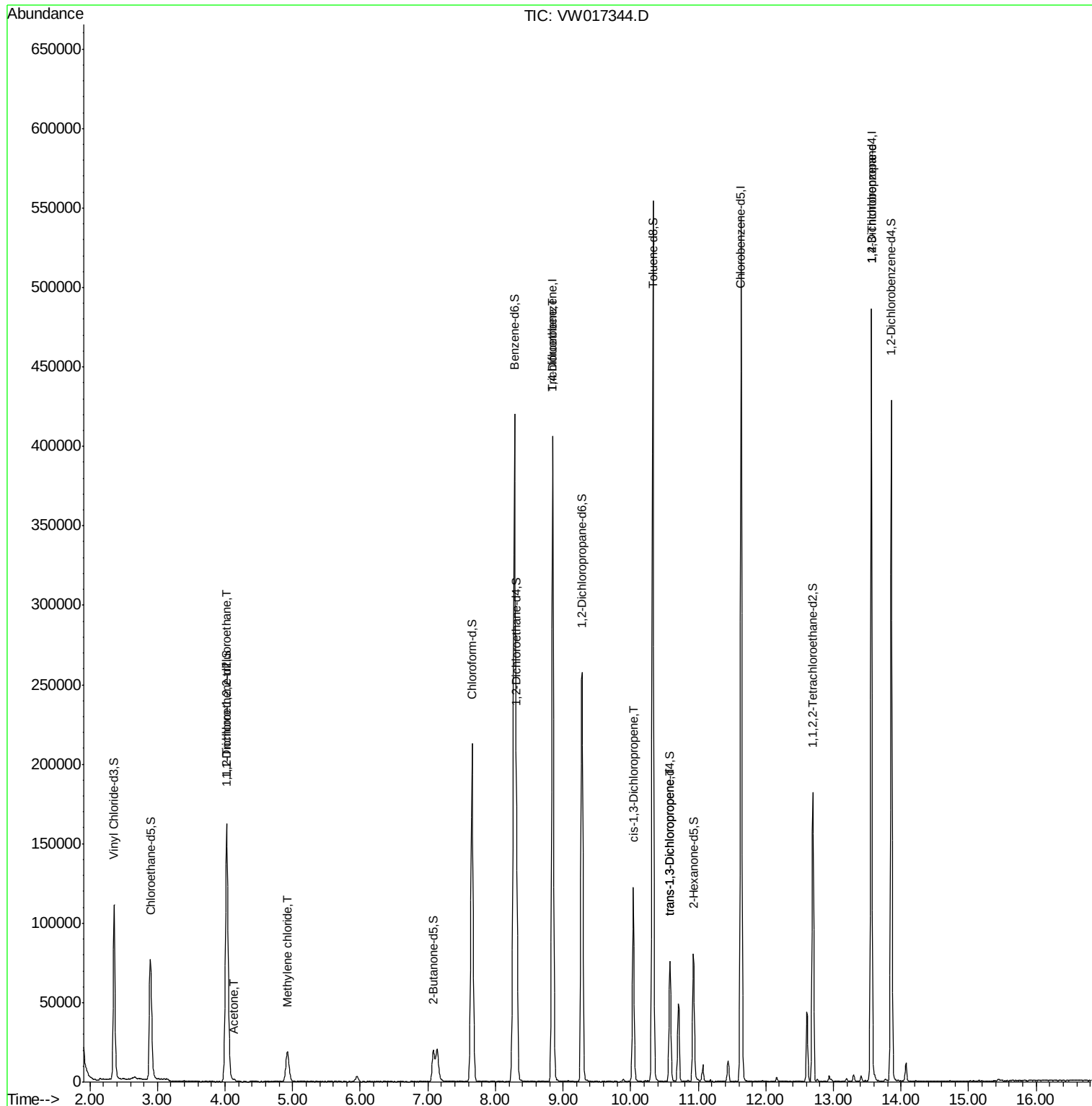
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1578	0.321 ug/L #	16
13) Acetone	4.14	43	1425	2.242 ug/L	70
16) Methylene chloride	4.92	84	16456	2.686 ug/L	100
35) Trichloroethene	8.84	95	10793	2.129 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3342	0.531 ug/L #	70
45) trans-1,3-Dichloropropene	10.59	75	2001	0.375 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	14139	5.660 ug/L	99

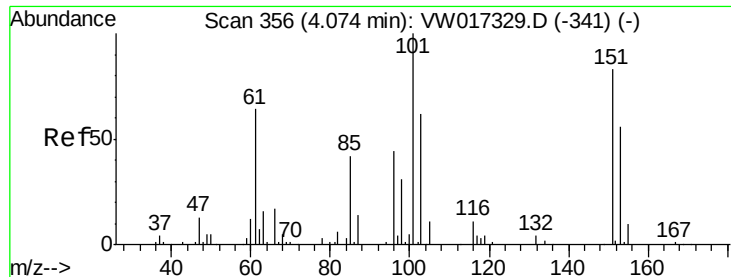
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.321 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

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Instrument :

MSVOA_W

ClientSampled :

C0AX9

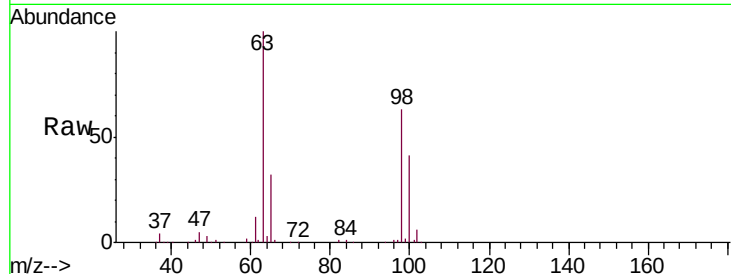
Tgt Ion: 101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

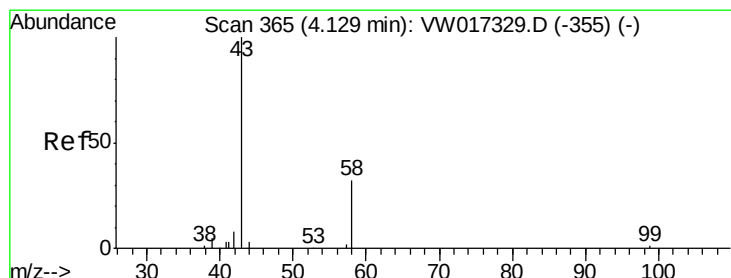
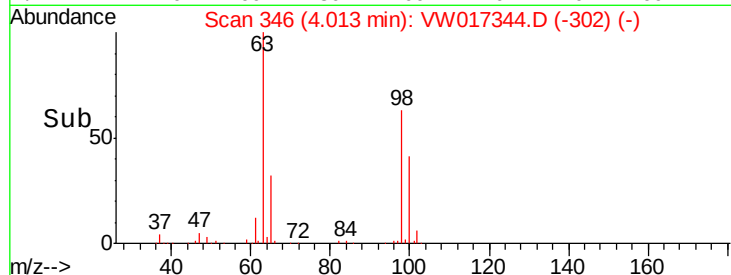
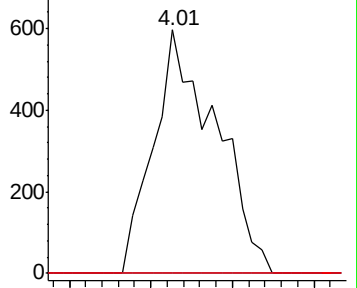
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.242 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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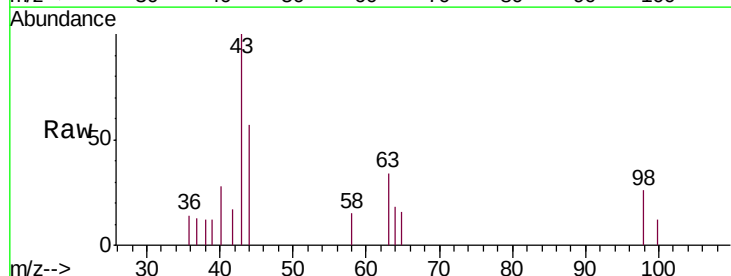
Acq: 18 Nov 2020 21:49

Tgt Ion: 43 Resp: 1425

Ion Ratio Lower Upper

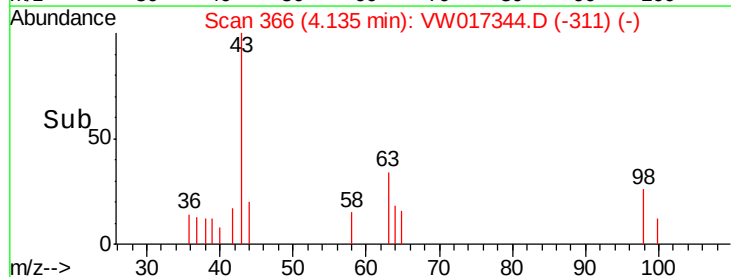
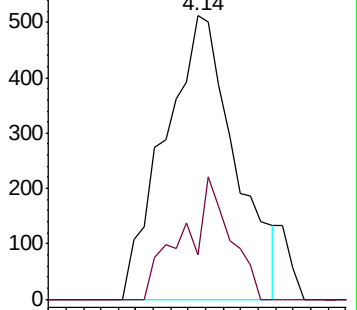
43 100

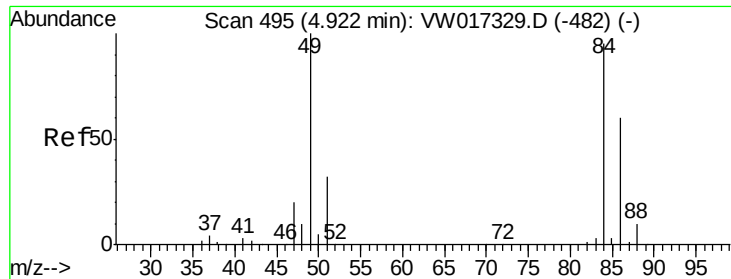
58 16.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

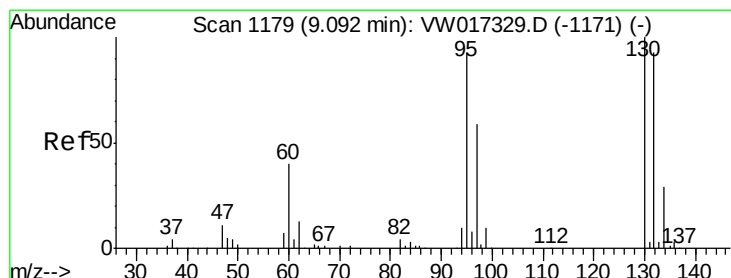
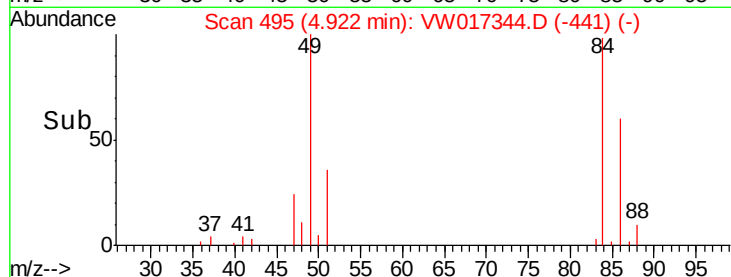
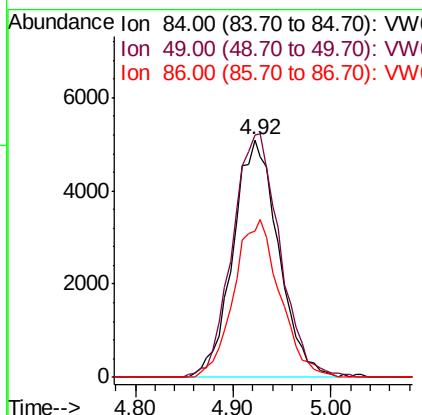
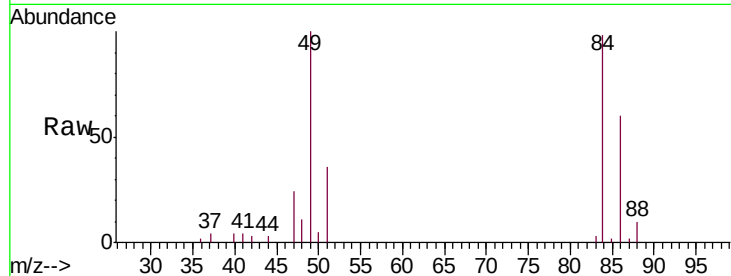




#16
Methylene chloride
Concen: 2.686 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017344.D
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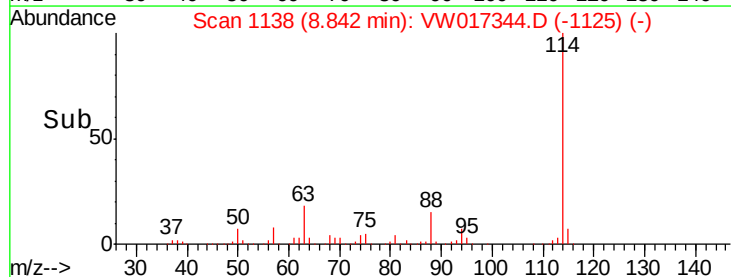
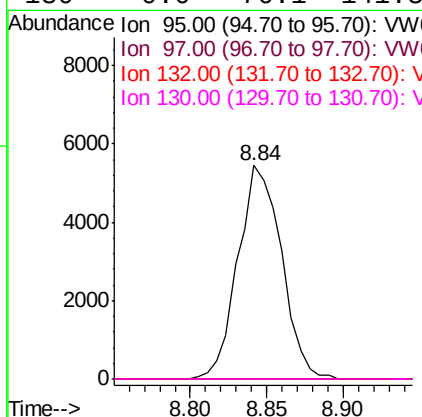
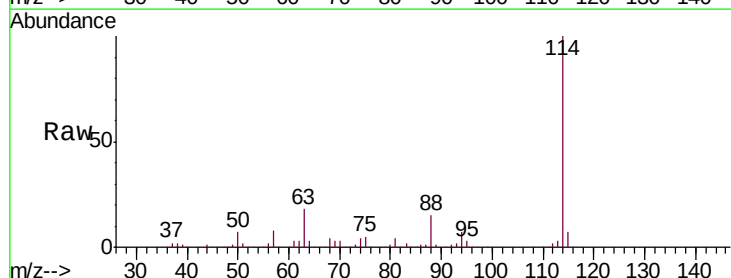
Instrument :
MSVOA_W
ClientSampleId :
C0AX9

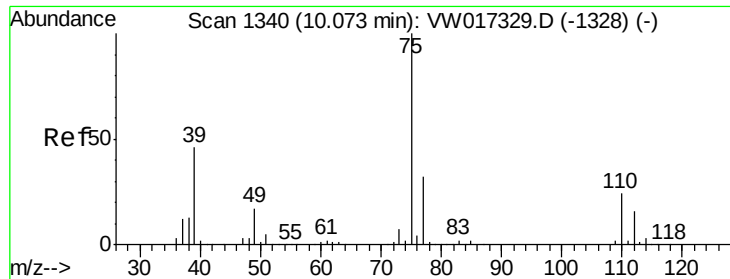
Tgt Ion: 84 Resp: 16456
Ion Ratio Lower Upper
84 100
49 102.0 71.5 132.9
86 61.4 42.8 79.4



#35
Trichloroethene
Concen: 2.129 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017344.D
Acq: 18 Nov 2020 21:49

Tgt Ion: 95 Resp: 10793
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: 0.531 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017344.D

Acq: 18 Nov 2020 21:49

Instrument :

MSVOA_W

ClientSampled :

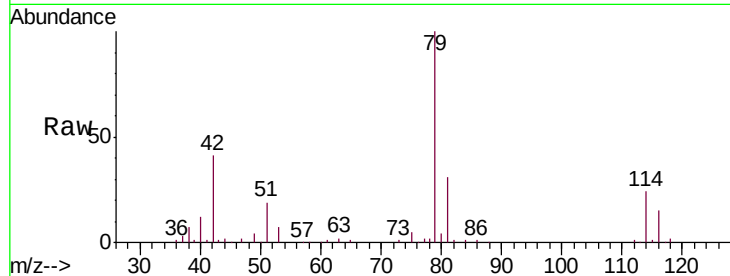
C0AX9

Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

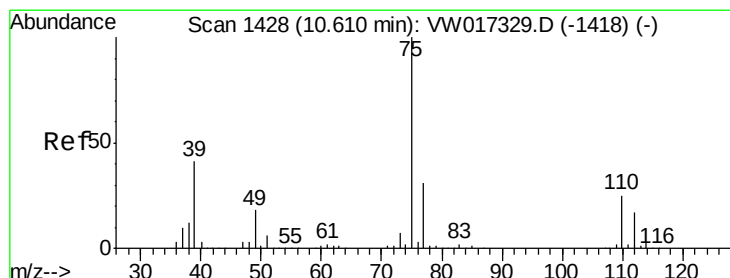
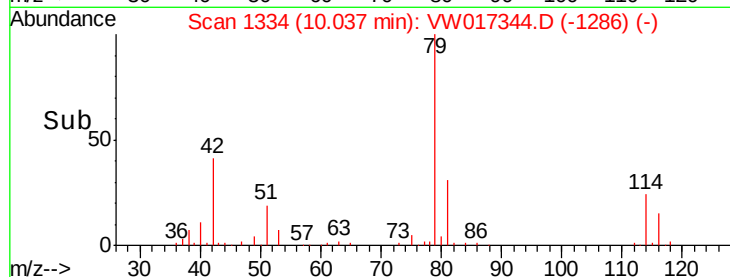
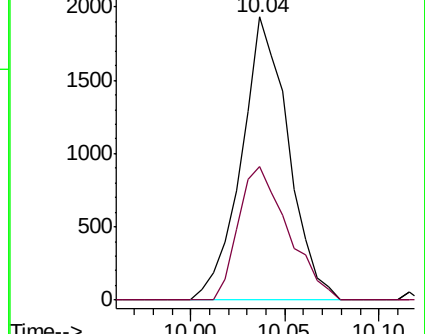
75 100

77 47.4 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: 0.375 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017344.D

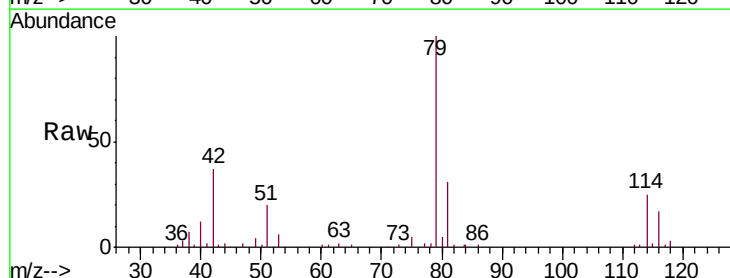
Acq: 18 Nov 2020 21:49

Tgt Ion: 75 Resp: 2001

Ion Ratio Lower Upper

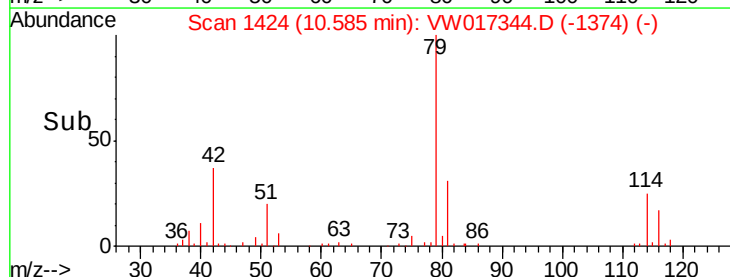
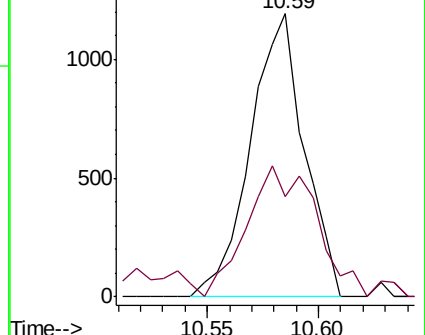
75 100

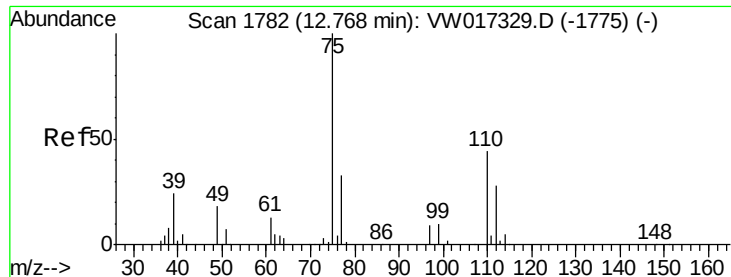
77 35.4 22.0 40.8



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: 5.660 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017344.D

Acq: 18 Nov 2020 21:49

Instrument :

MSVOA_W

ClientSampleId :

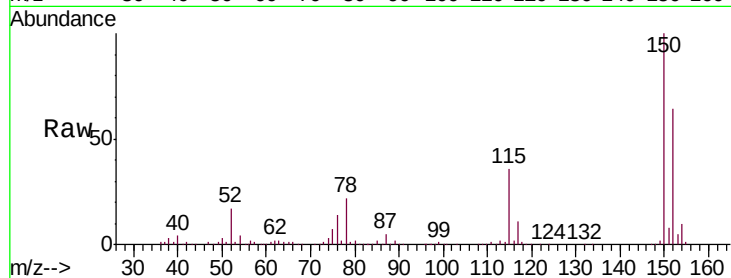
C0AX9

Tgt Ion: 75 Resp: 14139

Ion Ratio Lower Upper

75 100

77 32.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

