

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017497.D
 Acq On : 25 Nov 2020 12:43
 Operator : SY/VA
 Sample : L4861-05RE
 Misc : 4.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	540316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130527	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
7) Chloroethane-d5	2.89	69	112492	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
10) 1,1-Dichloroethene-d2	4.02	63	234680	14.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.32%
20) 2-Butanone-d5	7.08	46	72401	48.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.60%
24) Chloroform-d	7.65	84	322853	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	8.31	65	173241	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.28	84	609002	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	181909	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	10.33	98	546674	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	10.58	79	71802	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	45563	47.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129409	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	169673	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%

Target Compounds

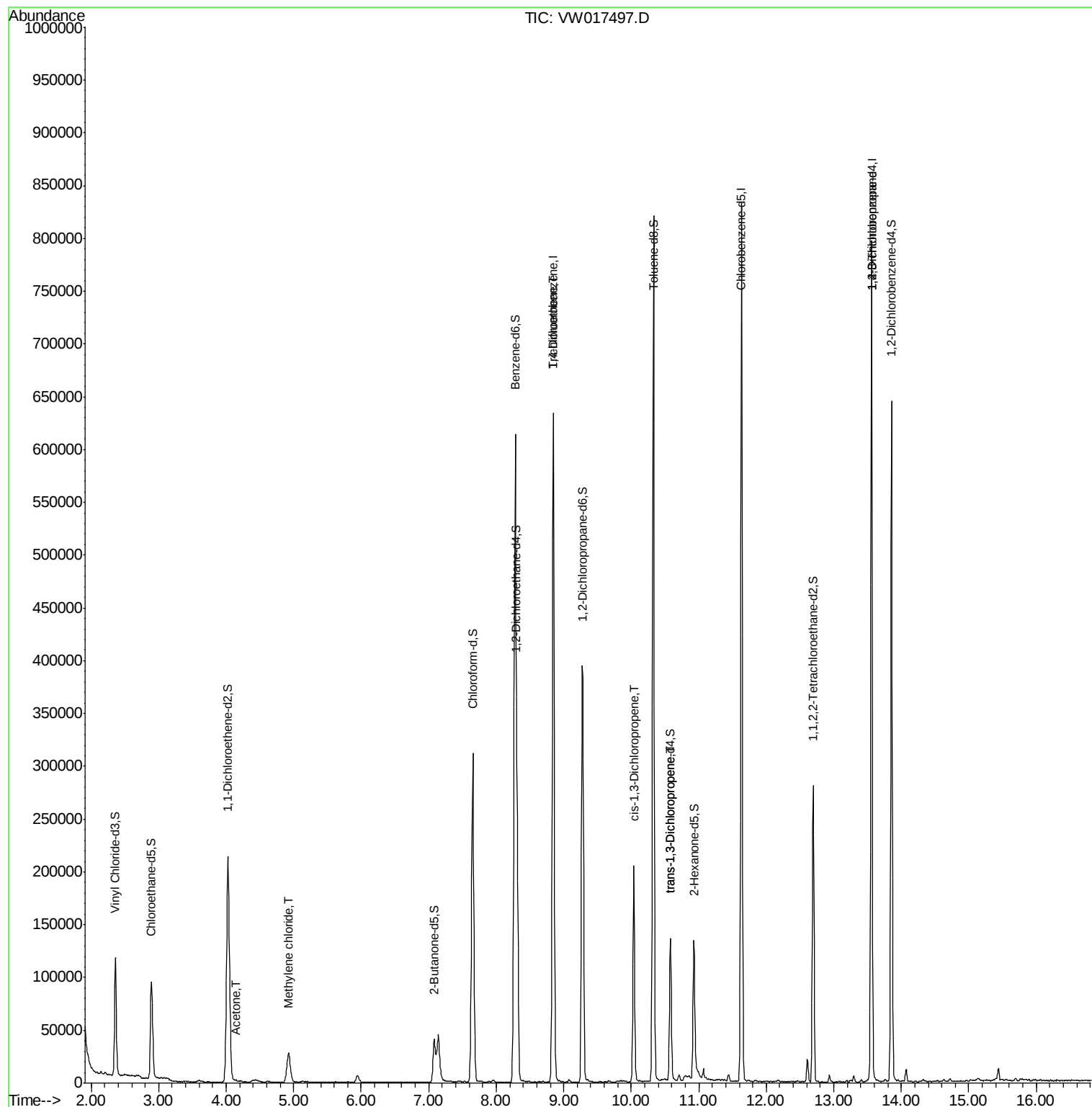
					Ovalue
13) Acetone	4.15	43	2301	1.595 ug/L	65
16) Methylene chloride	4.92	84	23718	2.924 ug/L	92
35) Trichloroethene	8.84	95	16607	2.169 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	5520	0.549 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	3526	0.409 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	23736	6.147 ug/L	97

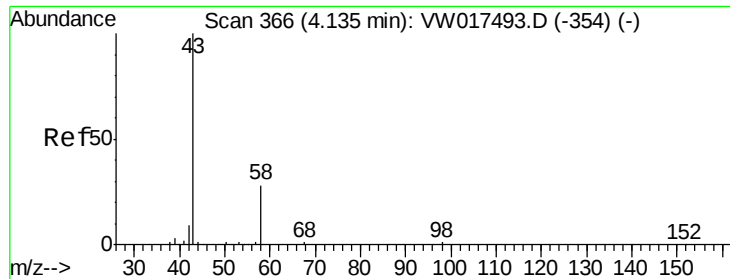
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.595 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW017497.D

Acq: 25 Nov 2020 12:43

Instrument :

MSVOA_W

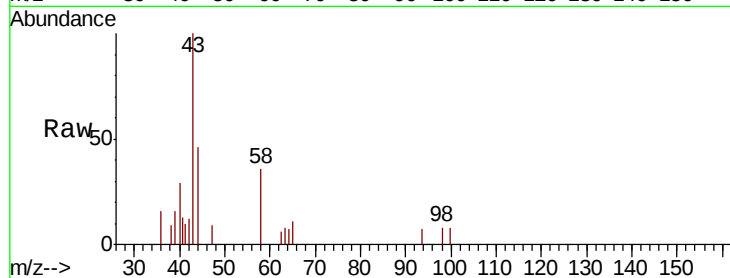
ClientSampled :

Tot Ion: 43 Resp: 2301

Ion Ratio Lower Upper

43 100

58 14.3 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

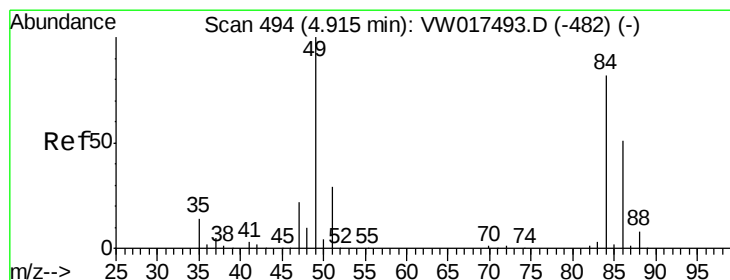
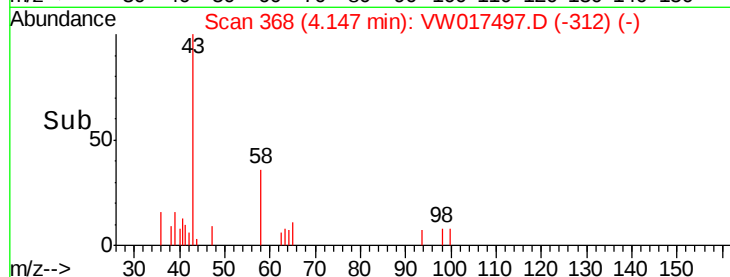
400

200

0

4.10 4.15

Time-->



#16

Methylene chloride

Concen: 2.924 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017497.D

Acq: 25 Nov 2020 12:43

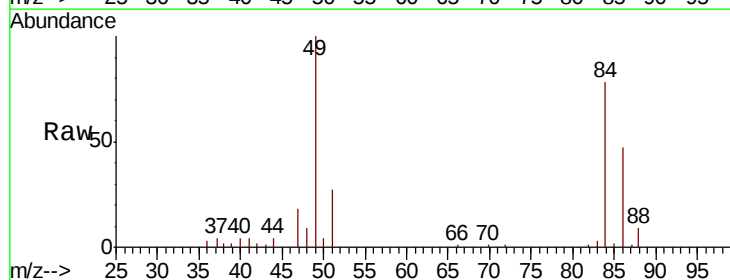
Tgt Ion: 84 Resp: 23718

Ion Ratio Lower Upper

84 100

49 127.5 81.2 150.8

86 60.5 44.5 82.7



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

4.92

12000

10000

8000

6000

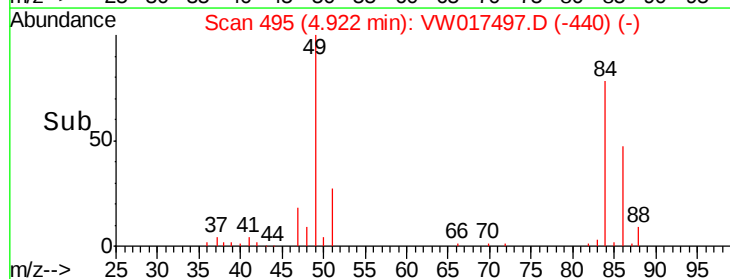
4000

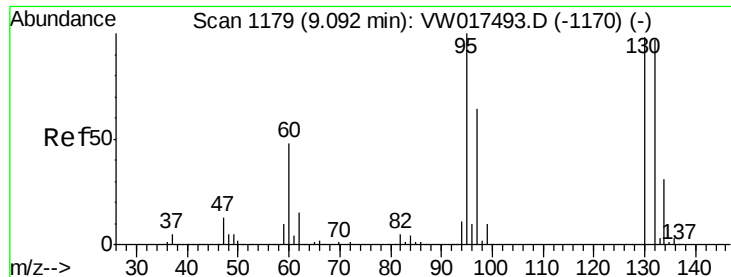
2000

0

4.80 4.90 5.00

Time-->





#35

Trichloroethene

Concen: 2.169 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017497.D

Acq: 25 Nov 2020 12:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 16607

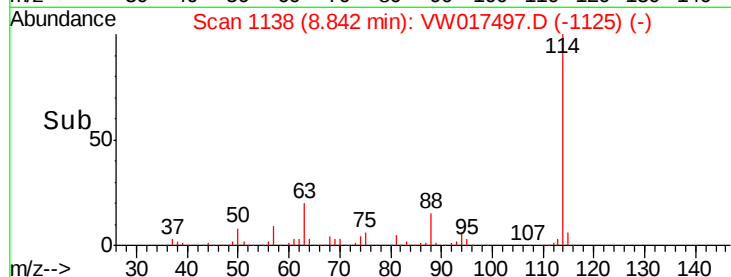
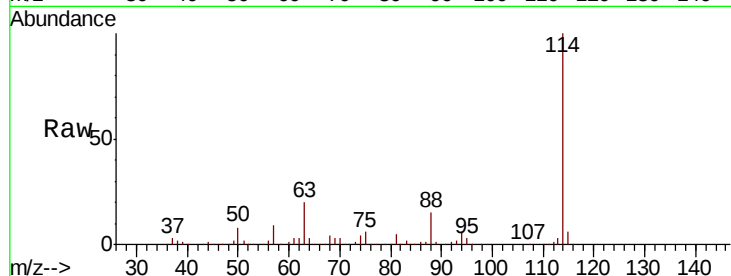
Ion Ratio Lower Upper

95 100

97 0.1 45.0 83.6#

132 0.0 71.0 131.8#

130 0.3 75.6 140.4#

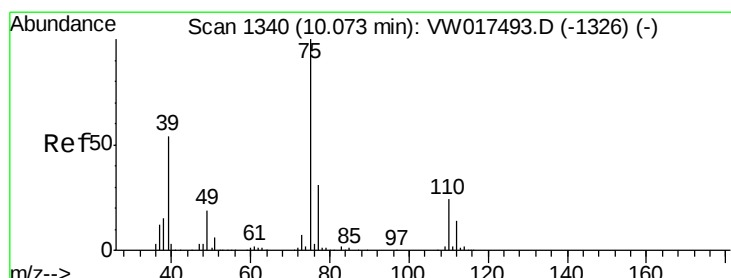
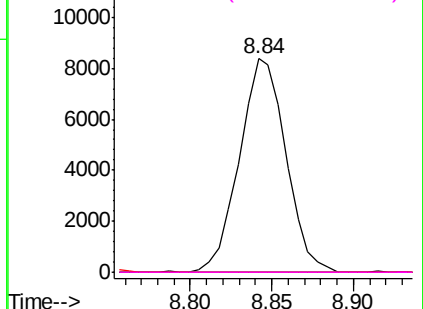


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017497.D

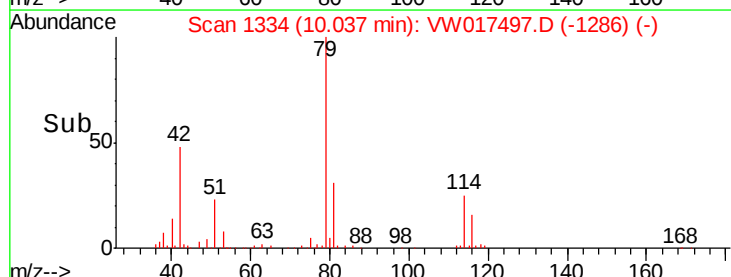
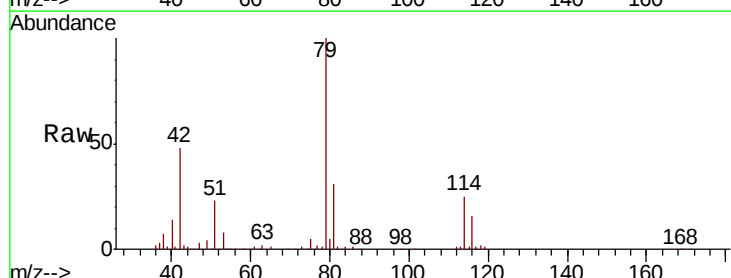
Acq: 25 Nov 2020 12:43

Tgt Ion: 75 Resp: 5520

Ion Ratio Lower Upper

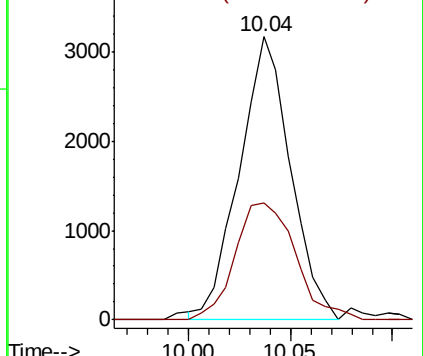
75 100

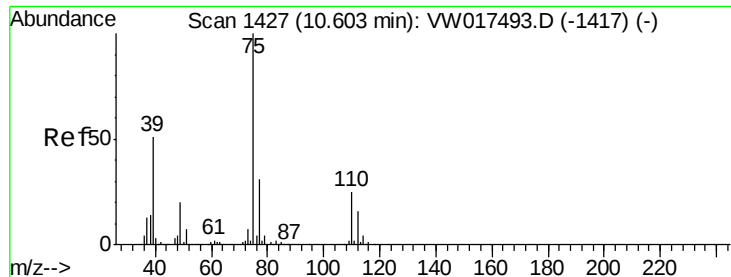
77 41.4 22.7 42.3



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: 0.409 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017497.D

Acq: 25 Nov 2020 12:43

Instrument :

MSVOA_W

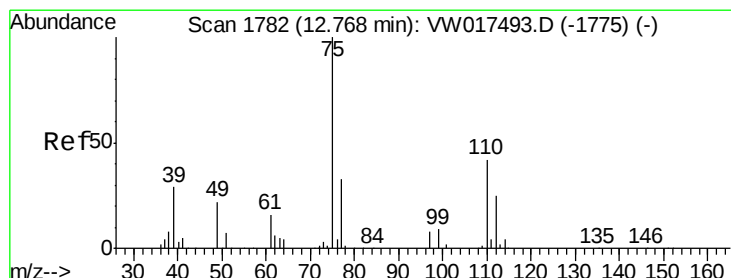
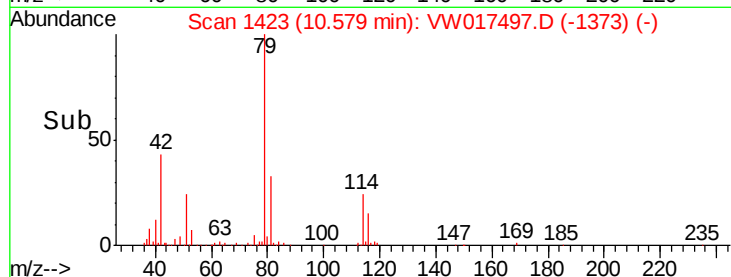
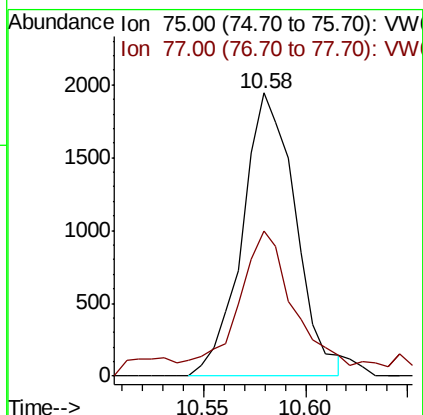
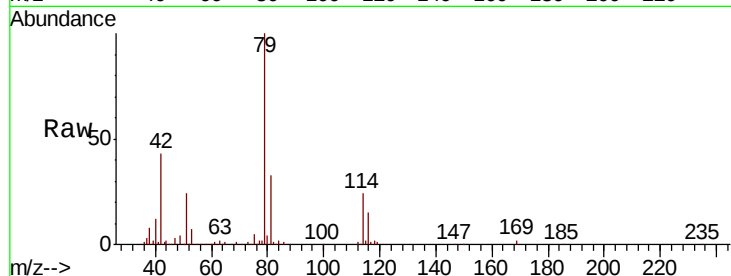
ClientSampleId :

Tot Ion: 75 Resp: 3526

Ion Ratio Lower Upper

75 100

77 51.2 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 6.147 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017497.D

Acq: 25 Nov 2020 12:43

Tgt Ion: 75 Resp: 23736

Ion Ratio Lower Upper

75 100

77 34.7 26.6 39.8

