

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016753.D
 Acq On : 02 Oct 2020 11:06
 Operator : SY/VA
 Sample : L4184-19
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	570385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	518953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	247560	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	86711	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.84%
7) Chloroethane-d5	2.90	69	81558	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
10) 1,1-Dichloroethene-d2	4.03	63	136384	11.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.20%#
20) 2-Butanone-d5	7.09	46	60058	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
24) Chloroform-d	7.65	84	262735	22.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	8.31	65	129779	21.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.76%
29) Benzene-d6	8.28	84	467625	20.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.36%
33) 1,2-Dichloropropane-d6	9.28	67	142333	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.28%
37) Toluene-d8	10.33	98	412957	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.16%
38) trans-1,3-Dichloropropene-	10.58	79	57286	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.08%
39) 2-Hexanone-d5	10.93	63	47354	41.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121754	22.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	187680	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

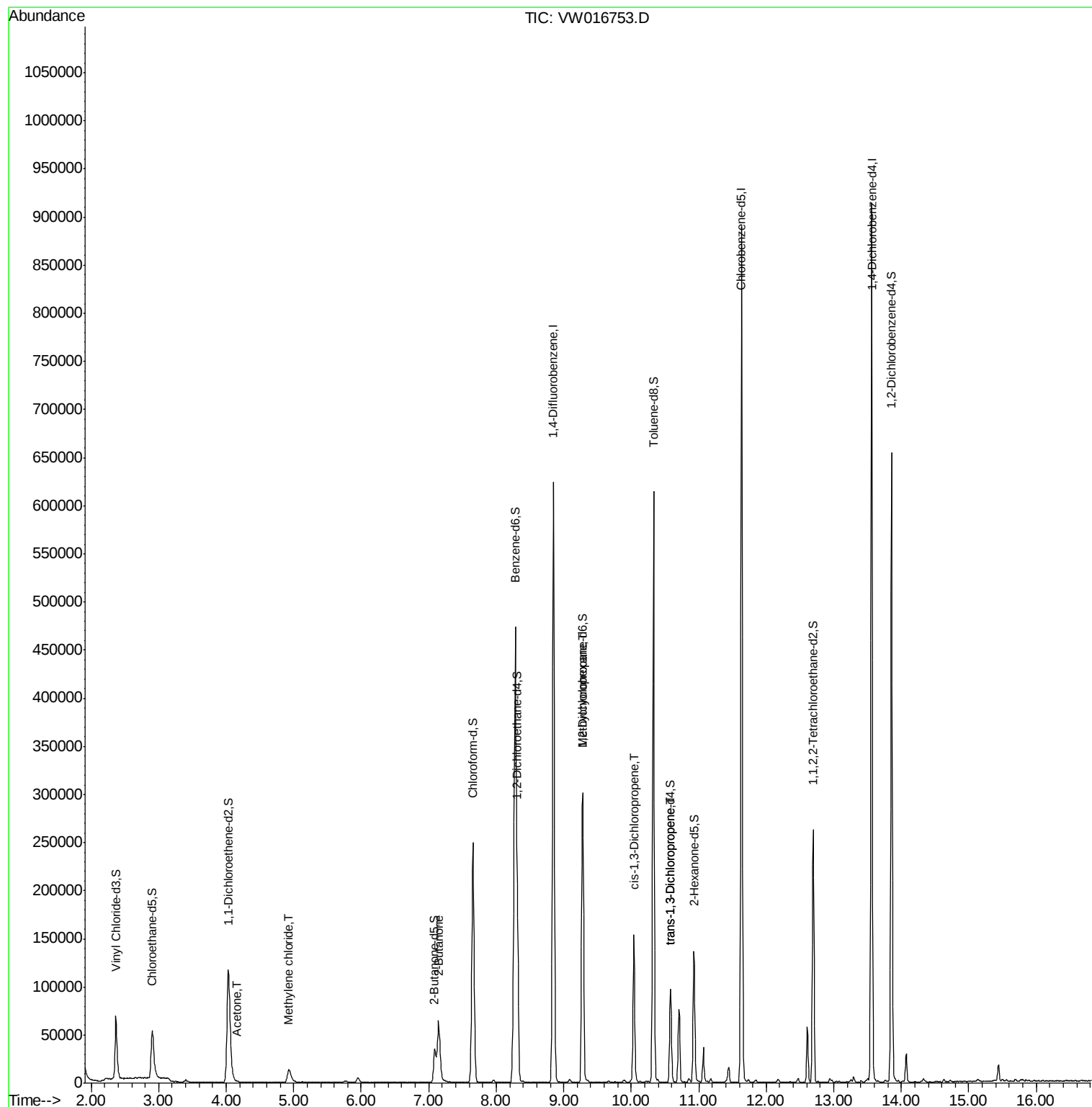
					Ovalue
13) Acetone	4.16	43	449	0.381 ug/L	78
16) Methylene chloride	4.93	84	12773	1.452 ug/L	91
21) 2-Butanone	7.15	43	2640	1.316 ug/L	79
36) Methylcyclohexane	9.28	83	37196	2.725 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	5016	0.454 ug/L #	78
45) trans-1,3-Dichloropropene	10.59	75	2901	0.302 ug/L #	66

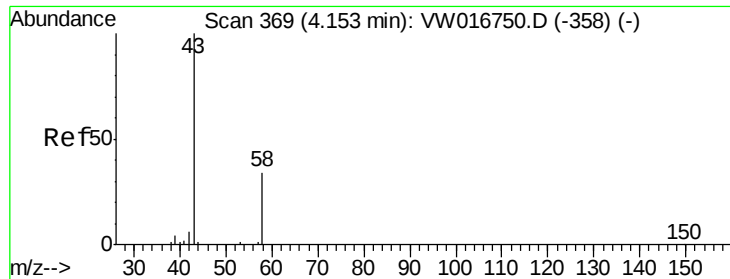
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.381 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

Instrument :

MSVOA_W

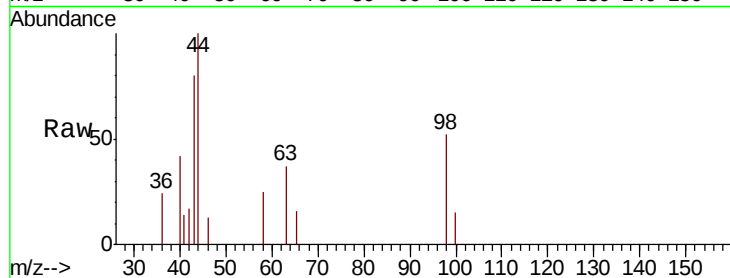
ClientSampleId :

Tot Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

58 42.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

400

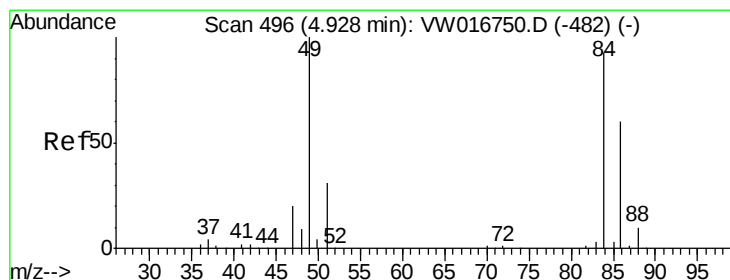
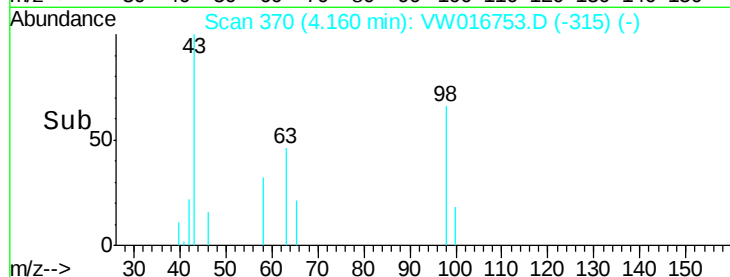
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.452 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

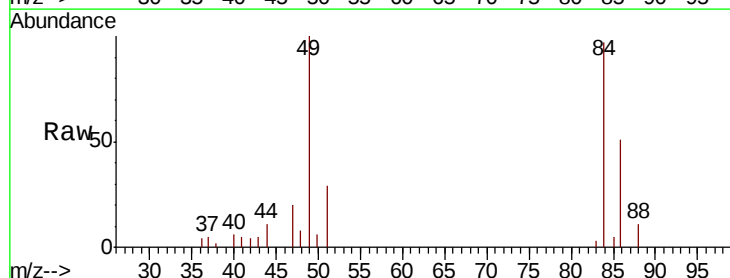
Tgt Ion: 84 Resp: 12773

Ion Ratio Lower Upper

84 100

49 102.7 76.0 141.2

86 52.7 45.6 84.6



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

5000

4000

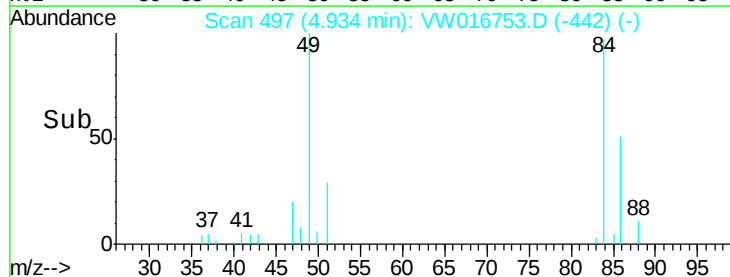
3000

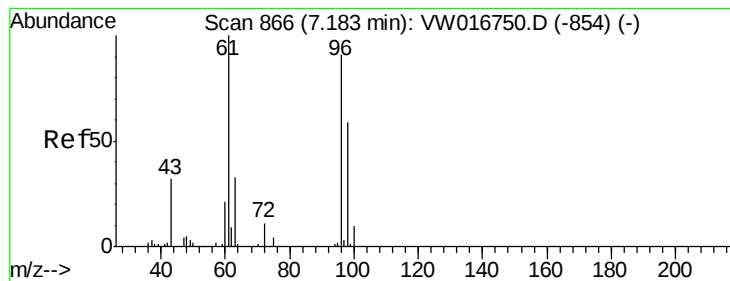
2000

1000

0

Time-->





#21

2-Butanone

Concen: 1.316 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

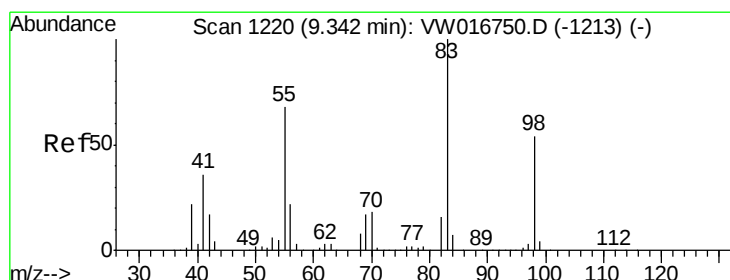
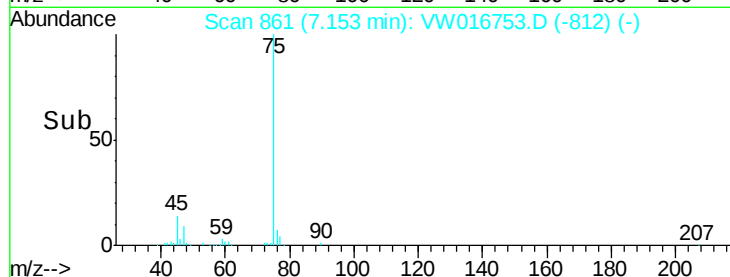
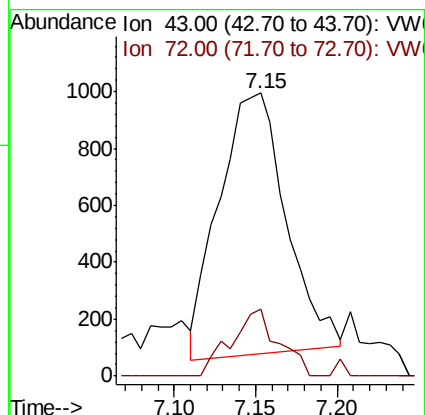
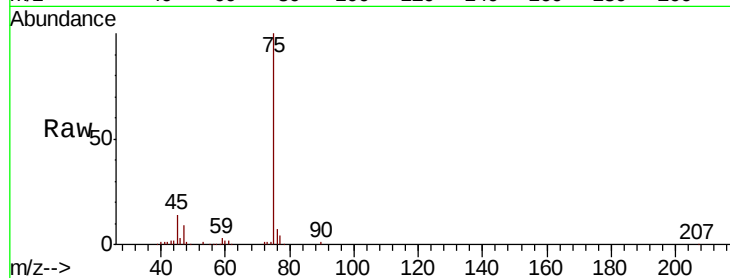
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

72 18.0 14.6 43.8



#36

Methylcyclohexane

Concen: 2.725 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

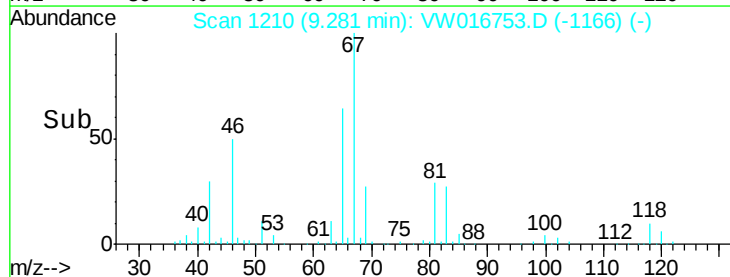
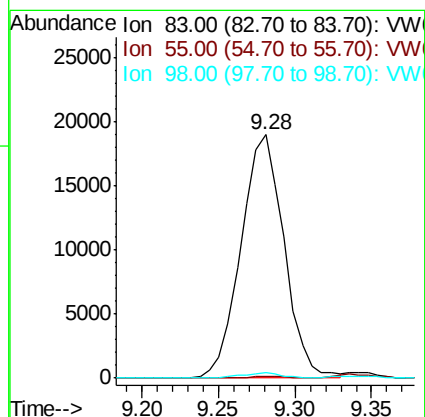
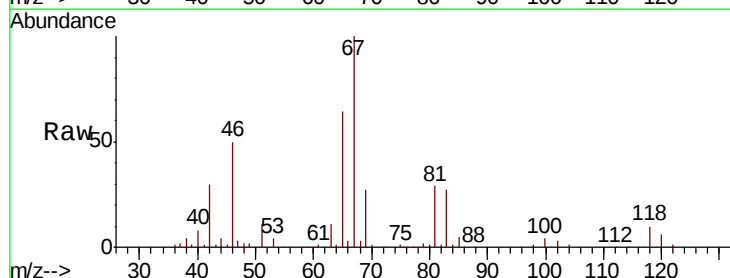
Tgt Ion: 83 Resp: 37196

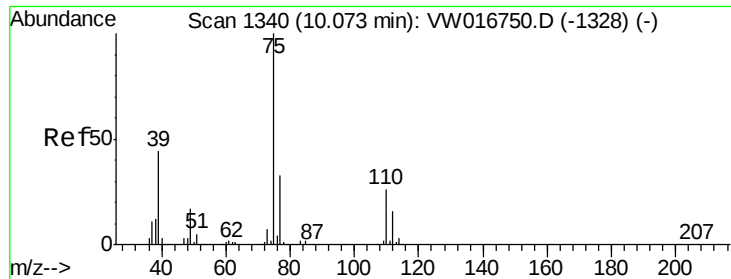
Ion Ratio Lower Upper

83 100

55 0.3 55.9 83.9#

98 1.9 42.1 63.1#





#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

Instrument :

MSVOA_W

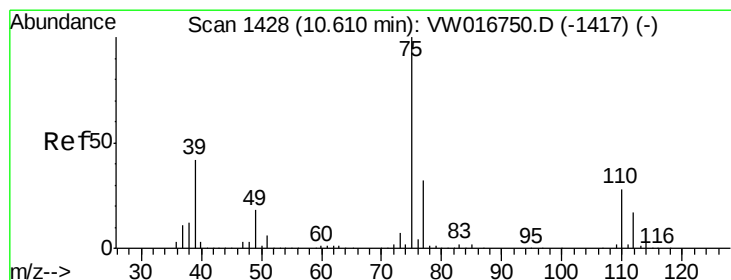
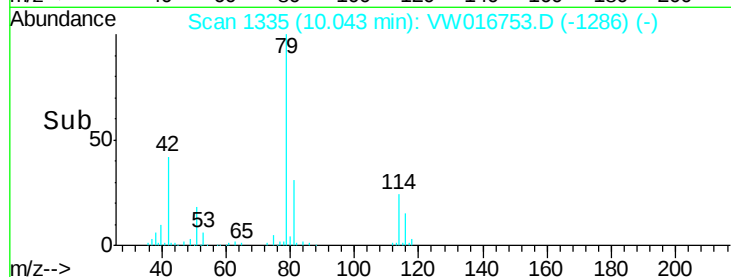
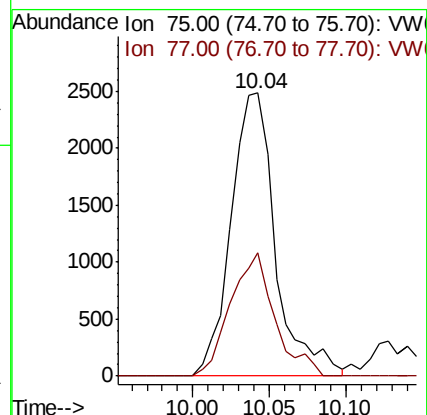
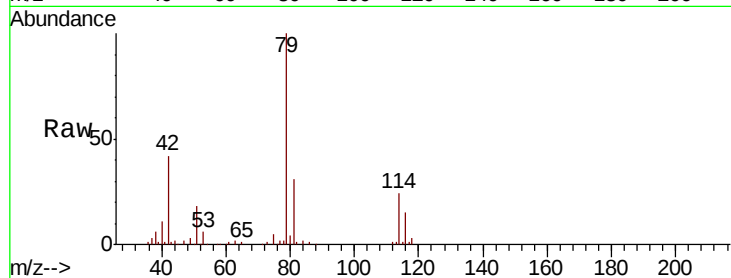
ClientSampled :

Tot Ion: 75 Resp: 5016

Ion Ratio Lower Upper

75 100

77 43.7 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.302 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016753.D

Acq: 02 Oct 2020 11:06

Tgt Ion: 75 Resp: 2901

Ion Ratio Lower Upper

75 100

77 51.4 22.5 41.9#

