

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016760.D
 Acq On : 02 Oct 2020 13:53
 Operator : SY/VA
 Sample : L4201-21
 Misc : 4.50G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:56 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	659163	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	581139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	103520	16.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.88%
7) Chloroethane-d5	2.91	69	101186	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.03	63	178694	12.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.12%
20) 2-Butanone-d5	7.09	46	66526	38.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.48%
24) Chloroform-d	7.65	84	311590	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	153535	21.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.76%
29) Benzene-d6	8.28	84	596823	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.28	67	172977	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.33	98	555704	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.68%
38) trans-1,3-Dichloropropene-	10.58	79	64192	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.12%
39) 2-Hexanone-d5	10.93	63	53773	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134630	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	220647	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

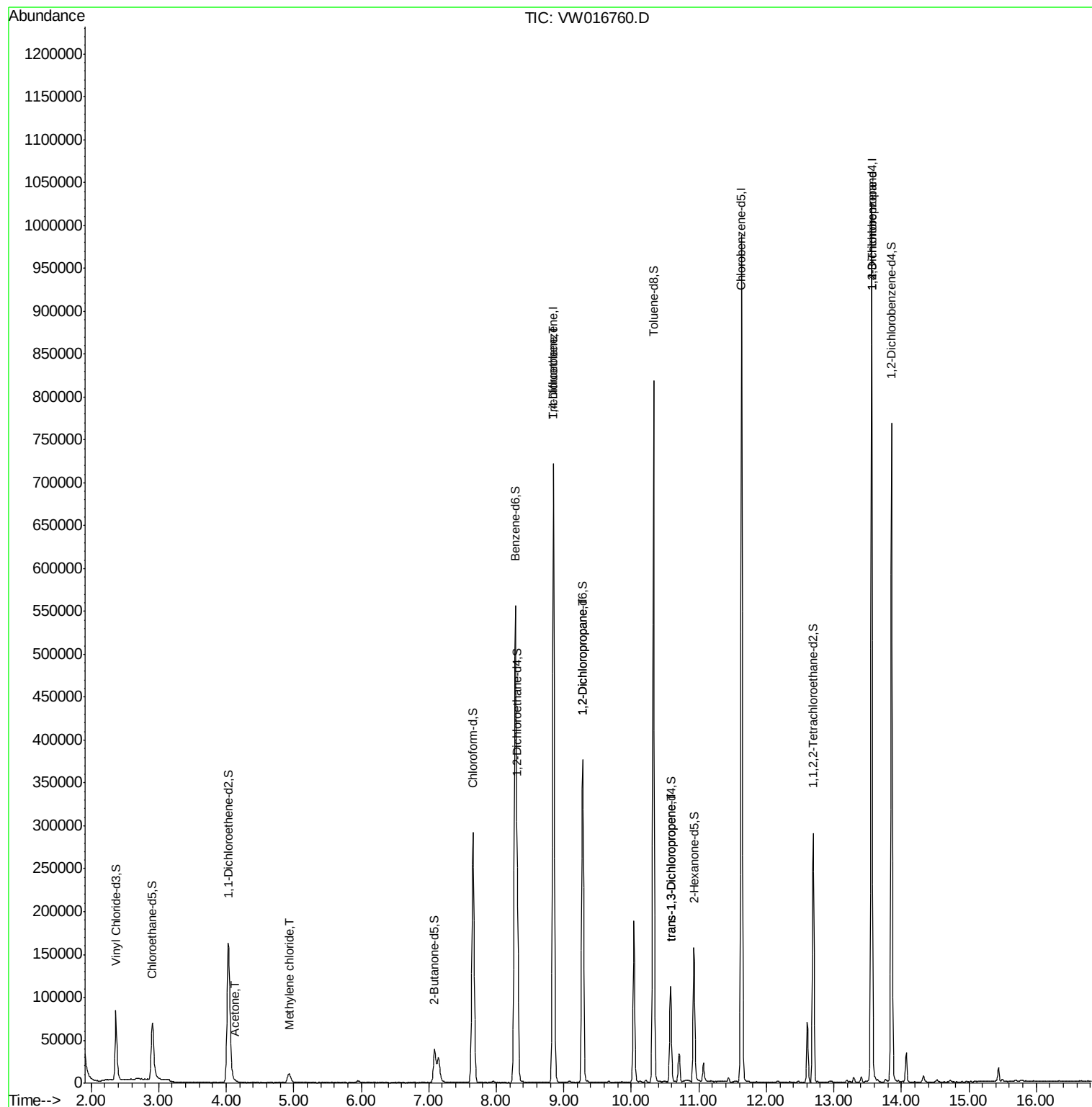
					Ovalue
13) Acetone	4.14	43	1937	1.422 ug/L	83
16) Methylene chloride	4.93	84	9980	0.982 ug/L	95
35) Trichloroethene	8.84	95	18725	2.078 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	19598	2.705 ug/L #	84
45) trans-1,3-Dichloropropene	10.59	75	2962	0.275 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	29178	5.740 ug/L	92

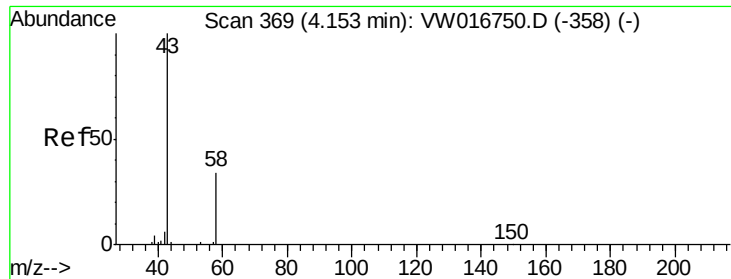
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.422 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016760.D

Acq: 02 Oct 2020 13:53

Instrument :

MSVOA_W

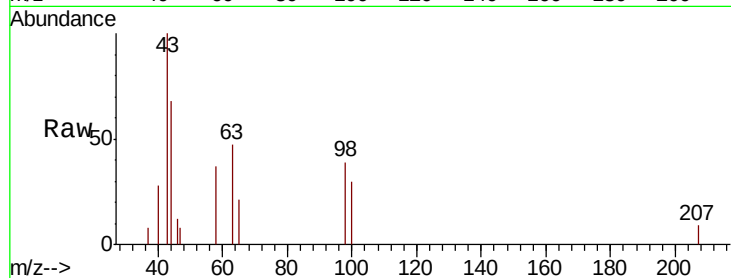
ClientSampleId :

Tot Ion: 43 Resp: 1937

Ion Ratio Lower Upper

43 100

58 21.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

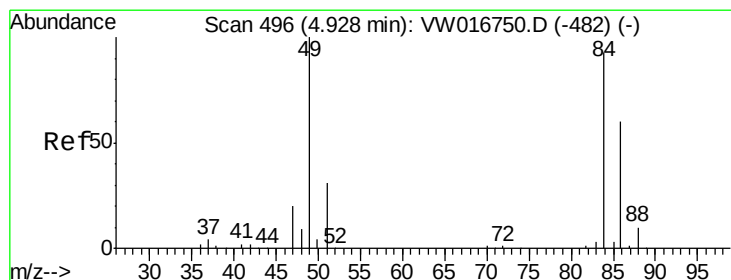
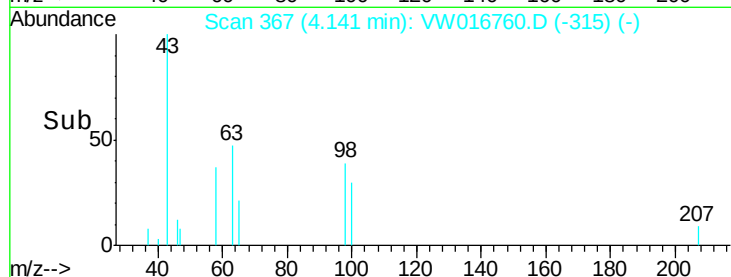
600

400

200

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 0.982 ug/L

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

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Acq: 02 Oct 2020 13:53

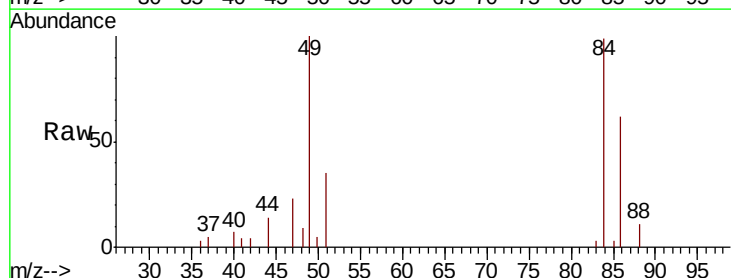
Tgt Ion: 84 Resp: 9980

Ion Ratio Lower Upper

84 100

49 101.3 76.0 141.2

86 63.0 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

4.93

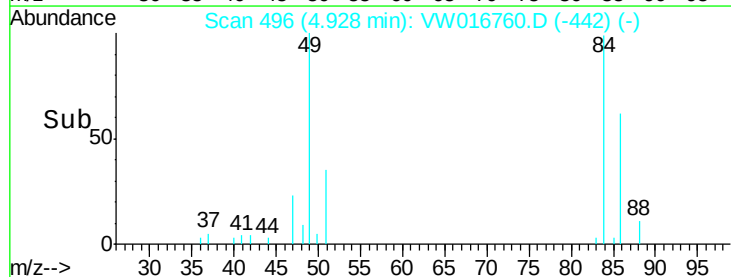
3000

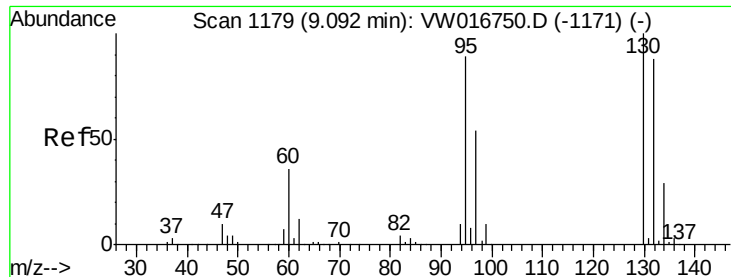
2000

1000

0

Time--> 4.80 4.90 5.00





#35

Trichloroethene

Concen: 2.078 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016760.D

Acq: 02 Oct 2020 13:53

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 18725

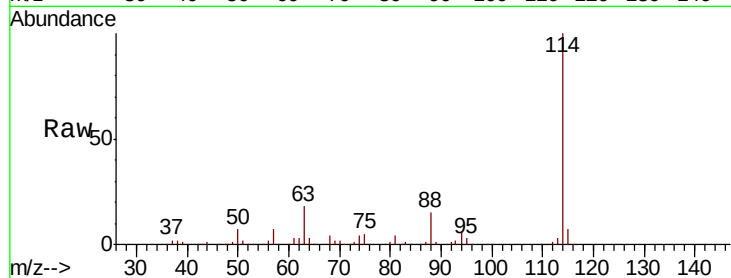
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

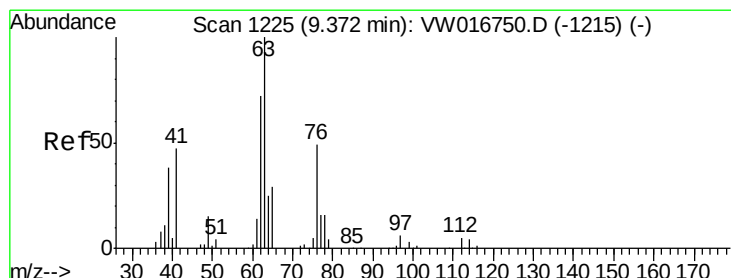
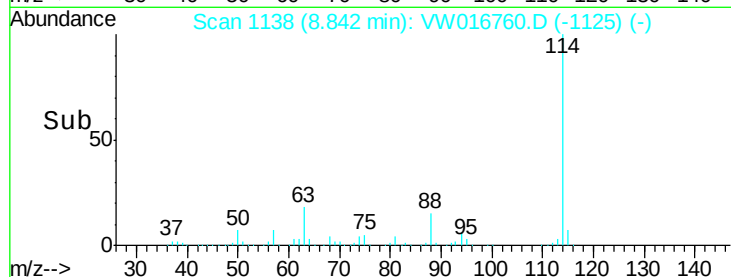
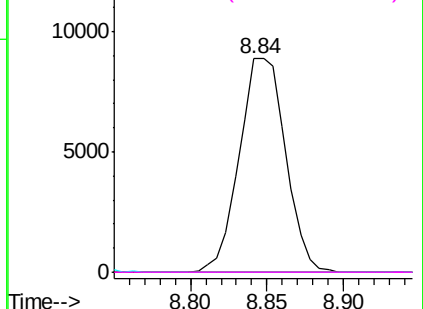


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.705 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016760.D

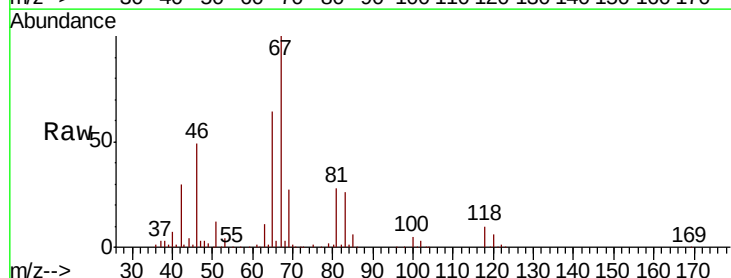
Acq: 02 Oct 2020 13:53

Tgt Ion: 63 Resp: 19598

Ion Ratio Lower Upper

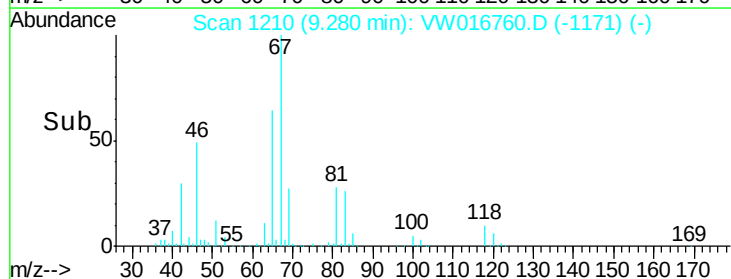
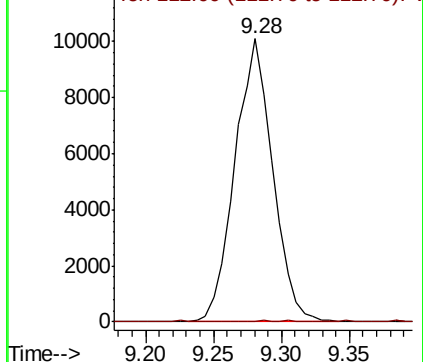
63 100

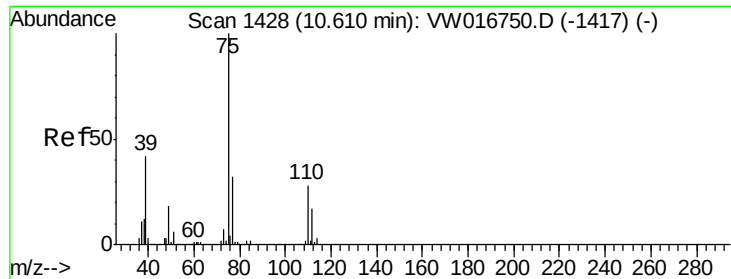
112 0.3 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.275 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016760.D

Acq: 02 Oct 2020 13:53

Instrument :

MSVOA_W

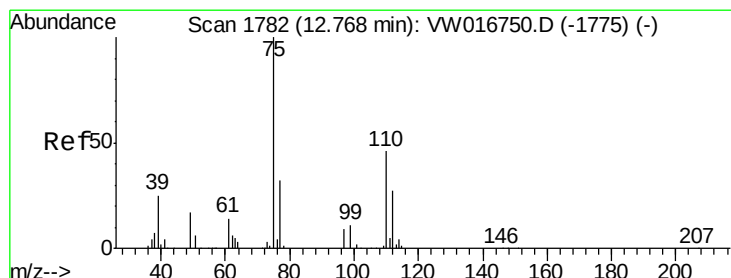
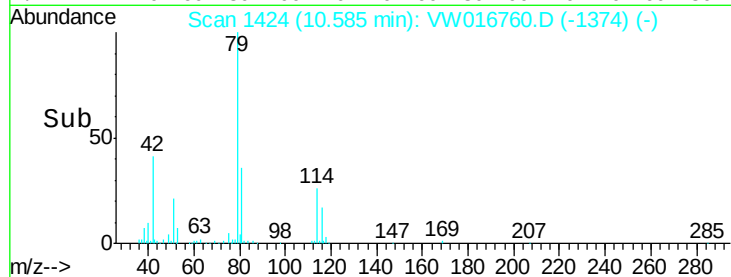
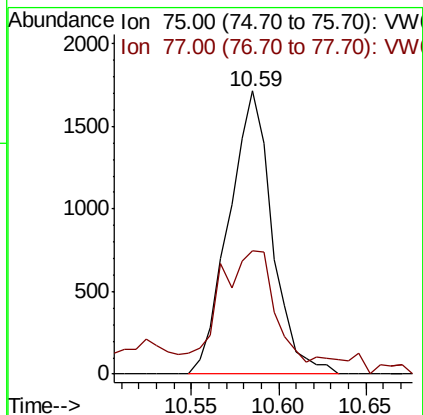
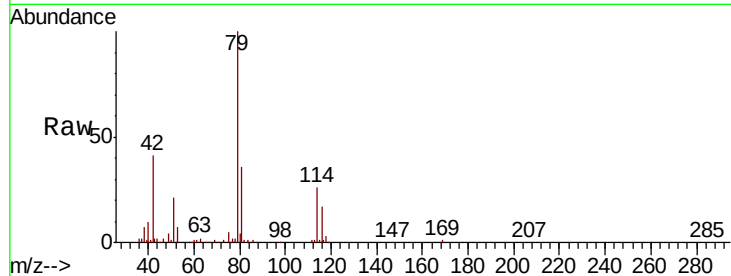
ClientSampleId :

Tot Ion: 75 Resp: 2962

Ion Ratio Lower Upper

75 100

77 43.4 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 5.740 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016760.D

Acq: 02 Oct 2020 13:53

Tgt Ion: 75 Resp: 29178

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4

