

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016754.D
 Acq On : 02 Oct 2020 11:30
 Operator : SY/VA
 Sample : L4201-14RE
 Misc : 4.06G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:13 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	596026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	102568	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
7) Chloroethane-d5	2.90	69	102781	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
10) 1,1-Dichloroethene-d2	4.03	63	174103	13.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.00%
20) 2-Butanone-d5	7.09	46	54788	34.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.66%
24) Chloroform-d	7.65	84	301833	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	148383	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.72%
29) Benzene-d6	8.28	84	574648	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.28	67	164638	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.36%
37) Toluene-d8	10.33	98	517330	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.58	79	57465	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.72%
39) 2-Hexanone-d5	10.93	63	46714	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117163	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	130734	22.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.84%

Target Compounds

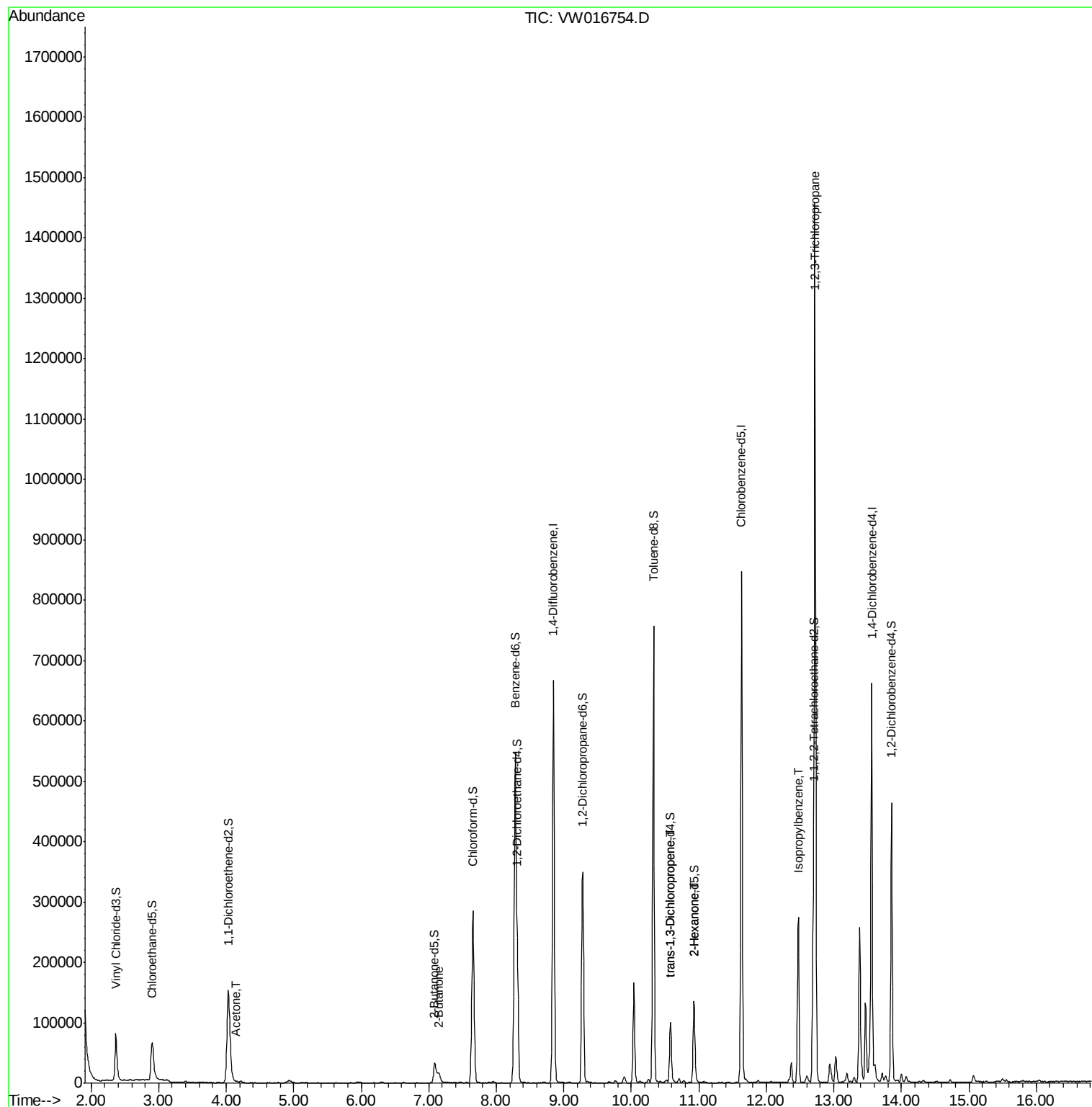
					Ovalue
13) Acetone	4.15	43	3052	2.477 ug/L	72
21) 2-Butanone	7.15	43	2238	1.068 ug/L #	49
45) trans-1,3-Dichloropropene	10.58	75	2734	0.298 ug/L	84
49) 2-Hexanone	10.93	43	8651	3.473 ug/L #	63
57) Isopropylbenzene	12.47	105	12877	0.370 ug/L #	1
59) 1,2,3-Trichloropropane	12.72	75	1656	0.382 ug/L #	1

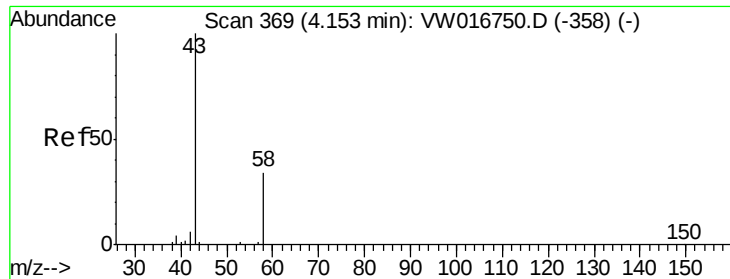
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.477 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016754.D

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Instrument :

MSVOA_W

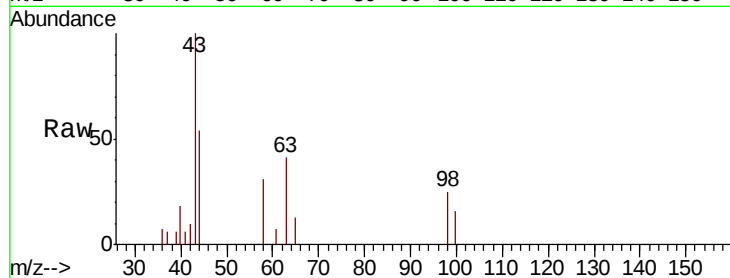
ClientSampleId :

Tot Ion: 43 Resp: 3052

Ion Ratio Lower Upper

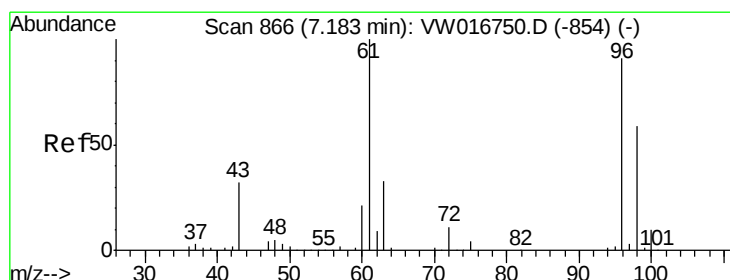
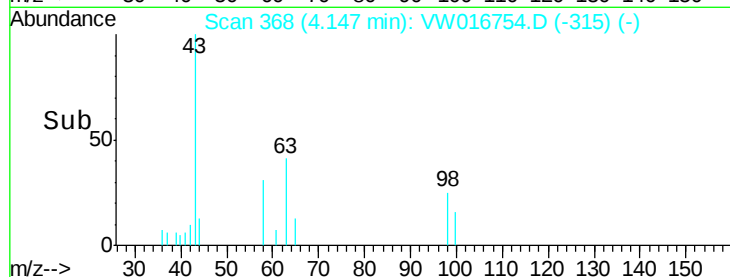
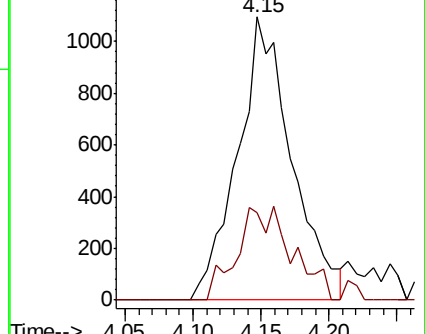
43 100

58 15.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 1.068 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW016754.D

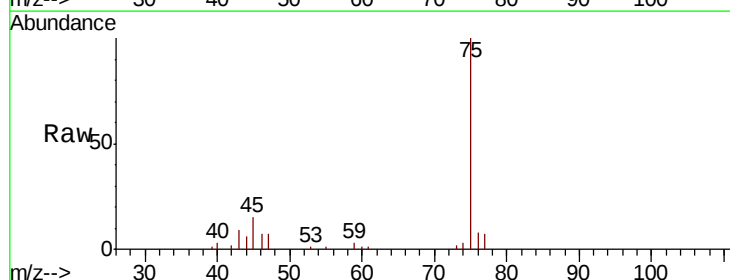
Acq: 02 Oct 2020 11:30

Tgt Ion: 43 Resp: 2238

Ion Ratio Lower Upper

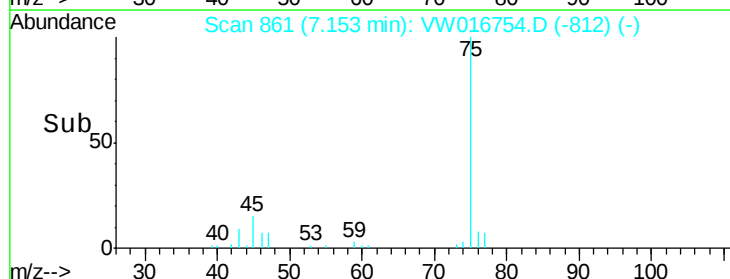
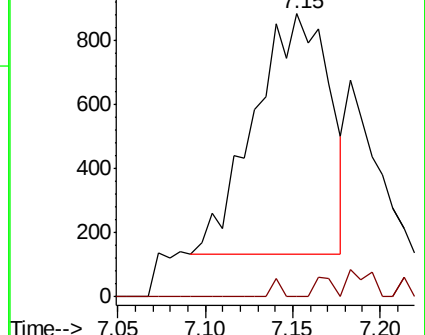
43 100

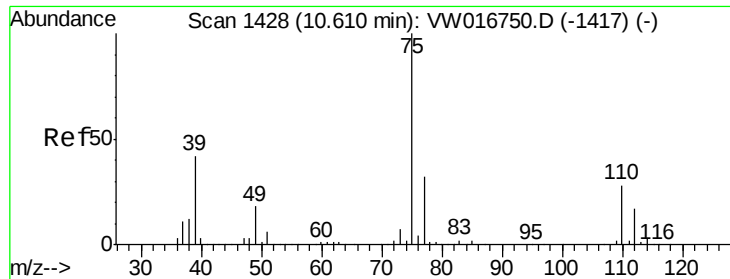
72 2.0 14.6 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

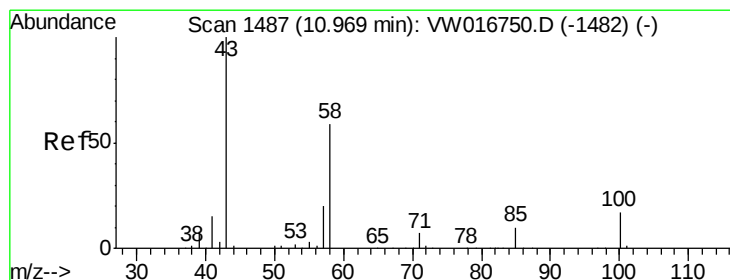
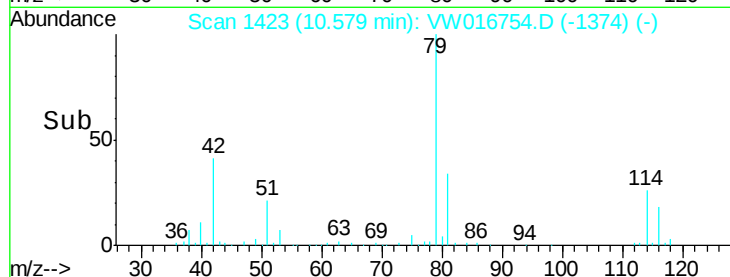
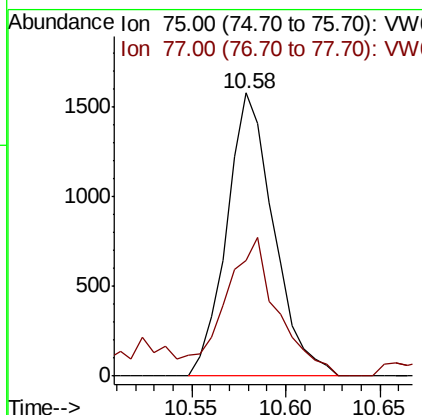
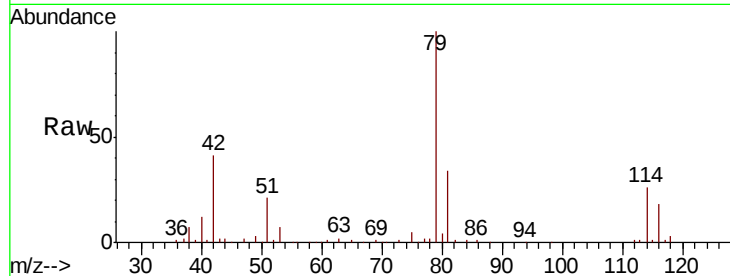




#45
trans-1,3-Dichloropropene
Concen: 0.298 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016754.D
Acq: 02 Oct 2020 11:30

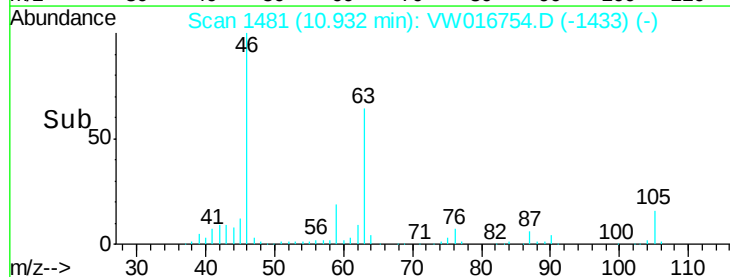
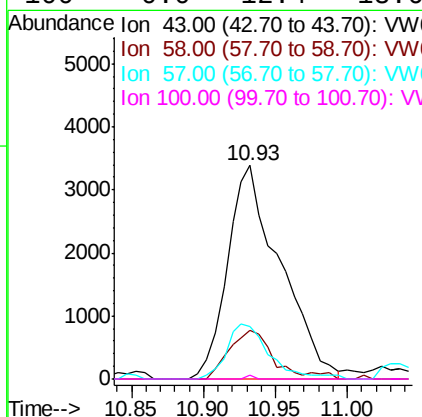
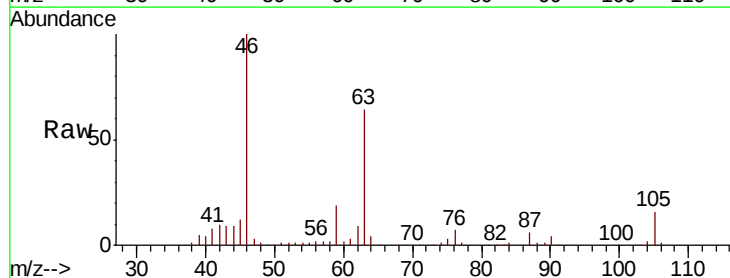
Instrument :
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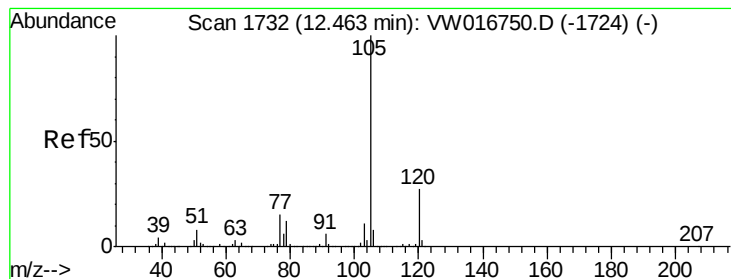
Tot Ion: 75 Resp: 2734
Ion Ratio Lower Upper
75 100
77 41.1 22.5 41.9



#49
2-Hexanone
Concen: 3.473 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW016754.D
Acq: 02 Oct 2020 11:30

Tgt Ion: 43 Resp: 8651
Ion Ratio Lower Upper
43 100
58 18.1 44.2 66.2#
57 20.1 16.3 24.5
100 0.0 12.4 18.6#





#57

Isopropylbenzene

Concen: 0.370 ug/L

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW016754.D

Acq: 02 Oct 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

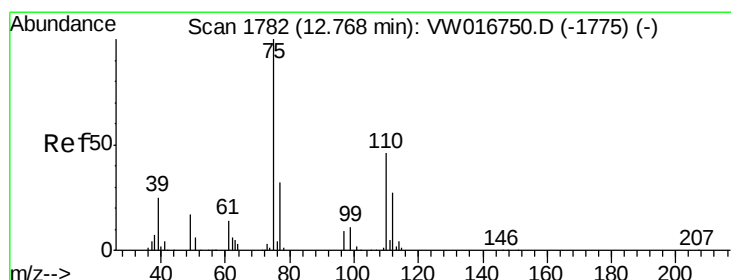
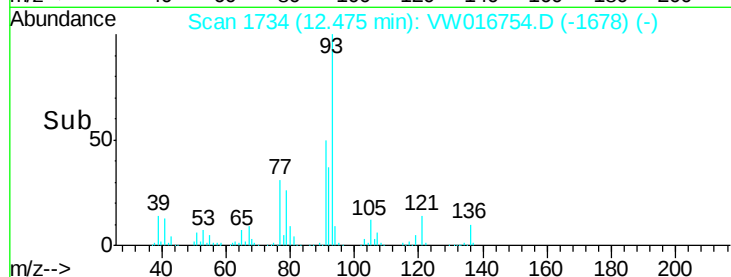
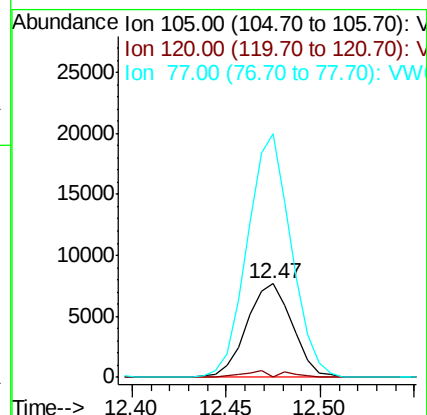
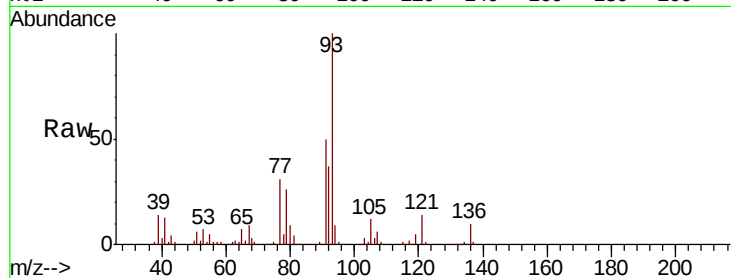
Tot Ion:105 Resp: 12877

Ion Ratio Lower Upper

105 100

120 2.3 21.8 32.8#

77 249.5 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 0.382 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.05 min

Lab File: VW016754.D

Acq: 02 Oct 2020 11:30

Tgt Ion: 75 Resp: 1656

Ion Ratio Lower Upper

75 100

77 6292.7 26.2 39.4#

