

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017735.D
 Acq On : 24 Dec 2020 14:50
 Operator : SY/VA
 Sample : L5206-01
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	428057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390525	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176278	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135371	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
7) Chloroethane-d5	2.89	69	121224	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
10) 1,1-Dichloroethene-d2	4.03	63	178533	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
20) 2-Butanone-d5	7.08	46	55110	51.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.68%
24) Chloroform-d	7.65	84	254342	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.30	65	142274	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.28%
29) Benzene-d6	8.27	84	504461	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	9.27	67	147612	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	461174	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.32%
38) trans-1,3-Dichloropropene-	10.58	79	58016	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	39687	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108411	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	139669	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

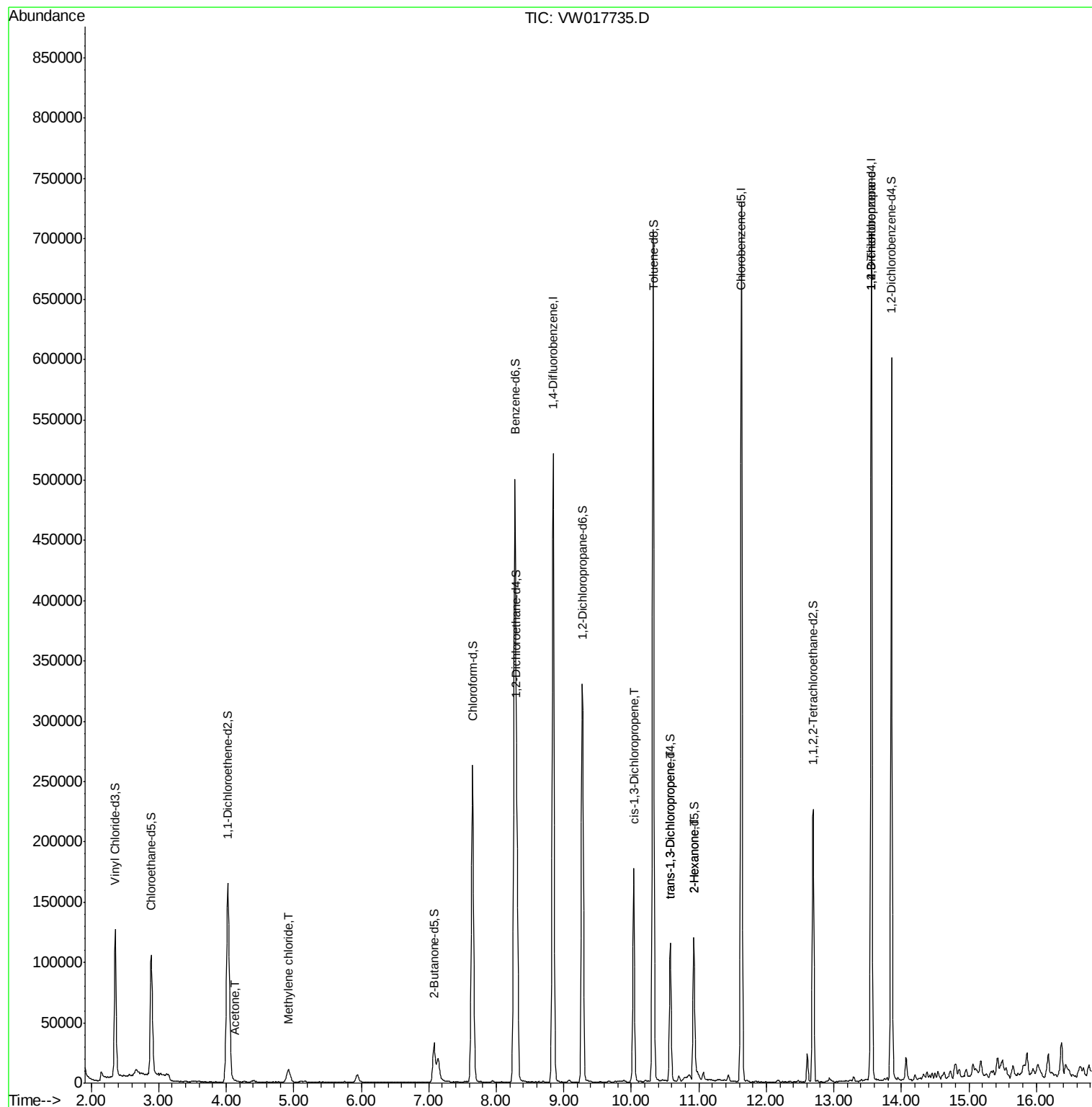
					Ovalue
13) Acetone	4.13	43	1611	1.738 ug/L	54
16) Methylene chloride	4.92	84	4889	0.799 ug/L	79
42) cis-1,3-Dichloropropene	10.04	75	5083	0.604 ug/L #	61
45) trans-1,3-Dichloropropene	10.58	75	3168	0.442 ug/L	88
49) 2-Hexanone	10.93	43	4663	2.566 ug/L #	73
59) 1,2,3-Trichloropropane	13.55	75	25777	8.018 ug/L	93

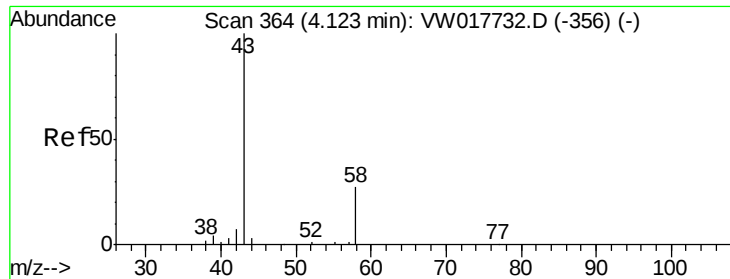
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.738 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017735.D

Acq: 24 Dec 2020 14:50

Instrument :

MSVOA_W

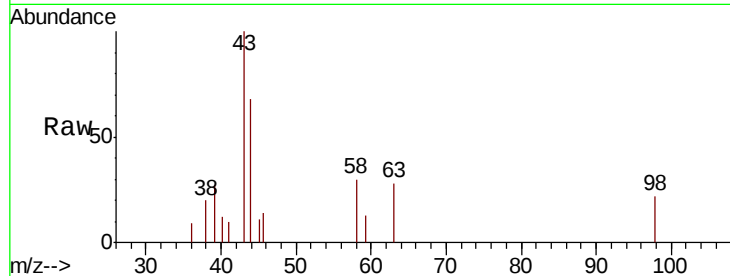
ClientSampleId :

Tot Ion: 43 Resp: 1611

Ion Ratio Lower Upper

43 100

58 5.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

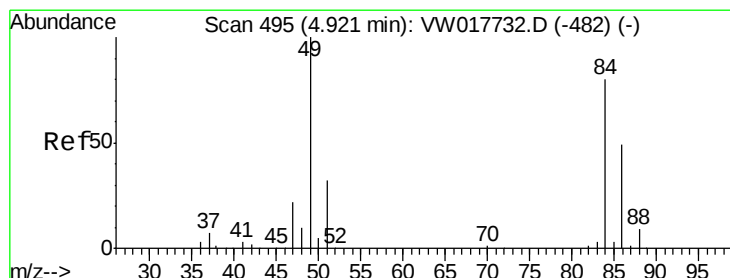
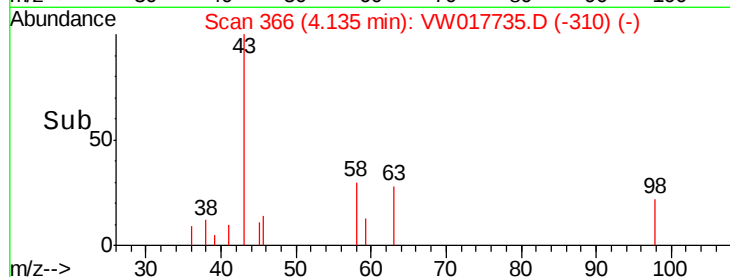
600

400

200

0

Time--> 4.05 4.10 4.15



#16

Methylene chloride

Concen: 0.799 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017735.D

Acq: 24 Dec 2020 14:50

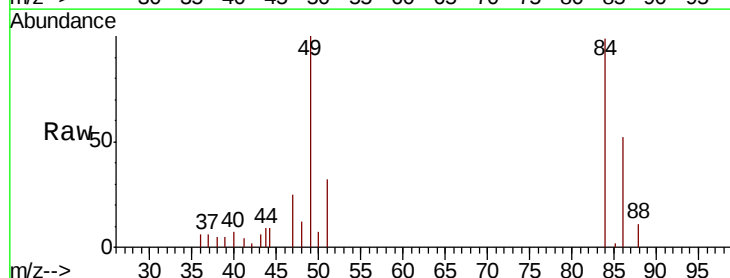
Tgt Ion: 84 Resp: 4889

Ion Ratio Lower Upper

84 100

49 100.9 90.5 168.1

86 52.7 44.8 83.2



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

4000

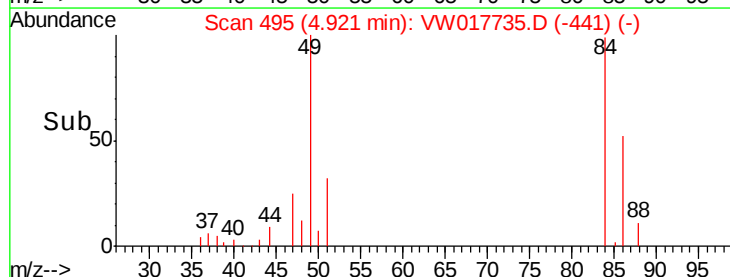
3000

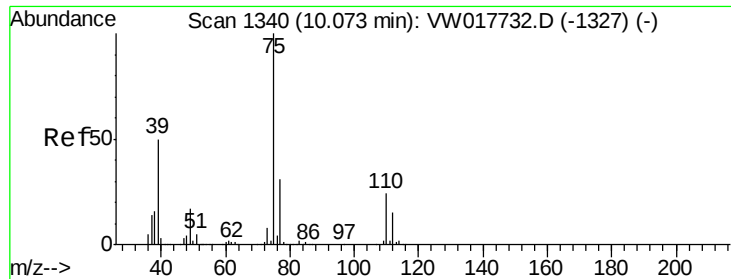
2000

1000

0

Time--> 4.90 4.95 5.00

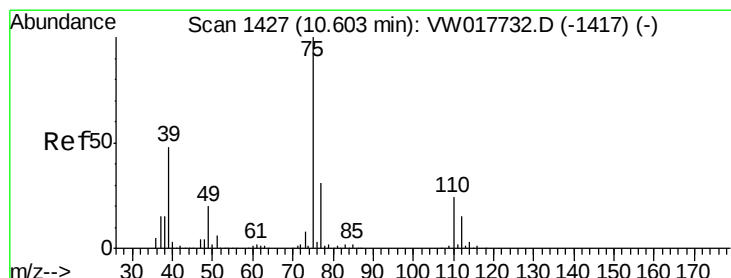
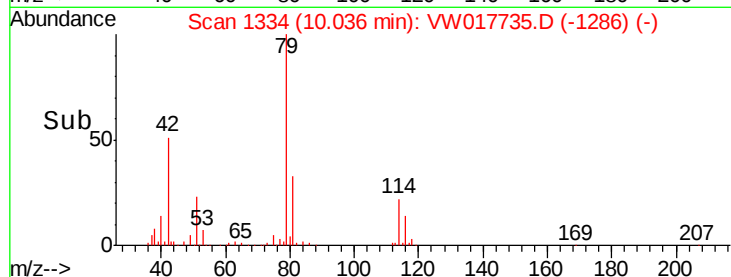
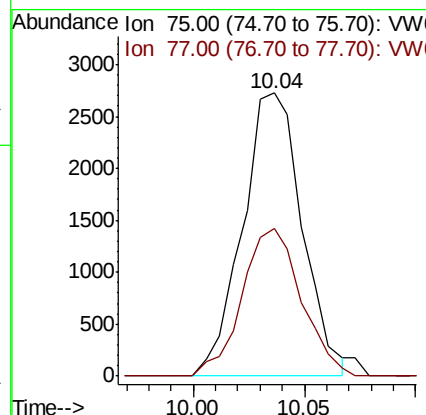
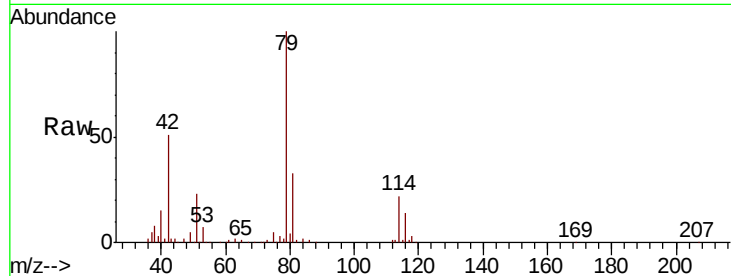




#42
 cis-1,3-Dichloropropene
 Concen: 0.604 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017735.D
 Acq: 24 Dec 2020 14:50

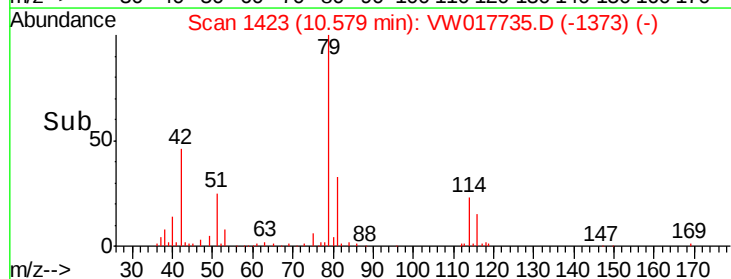
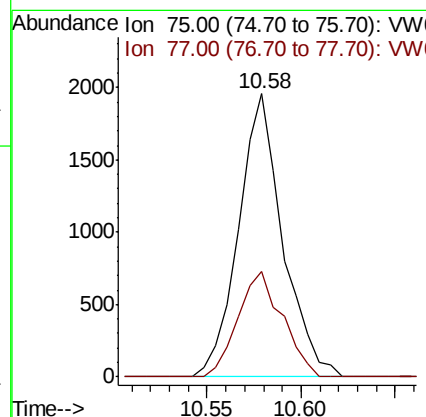
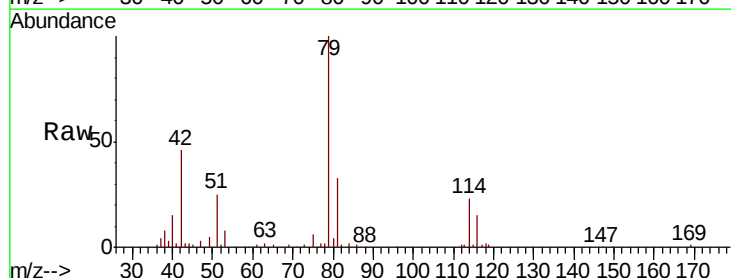
Instrument :
 MSVOA_W
 ClientSampleId :

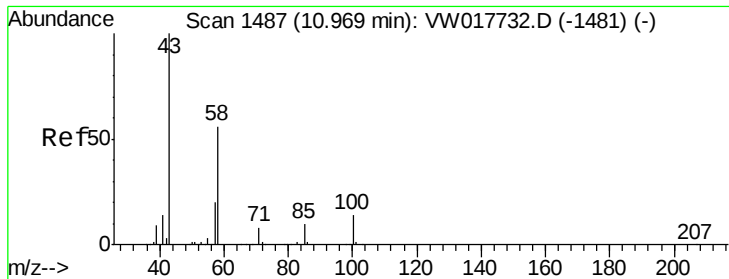
Tot Ion: 75 Resp: 5083
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.6 40.2#



#45
 trans-1,3-Dichloropropene
 Concen: 0.442 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017735.D
 Acq: 24 Dec 2020 14:50

Tgt Ion: 75 Resp: 3168
 Ion Ratio Lower Upper
 75 100
 77 37.3 21.6 40.0





#49

2-Hexanone

Concen: 2.566 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017735.D

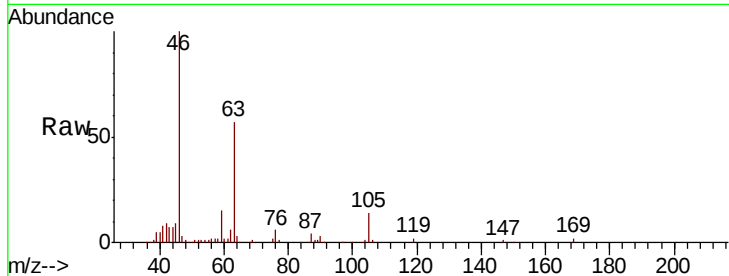
Acq: 24 Dec 2020 14:50

Instrument :

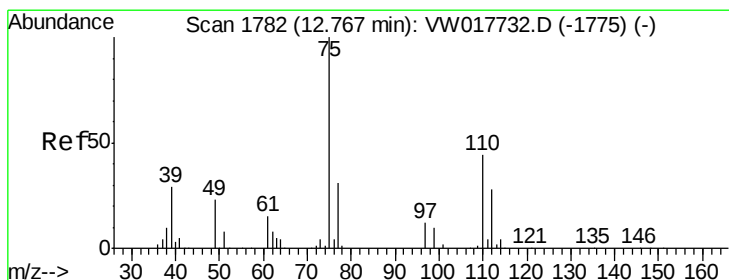
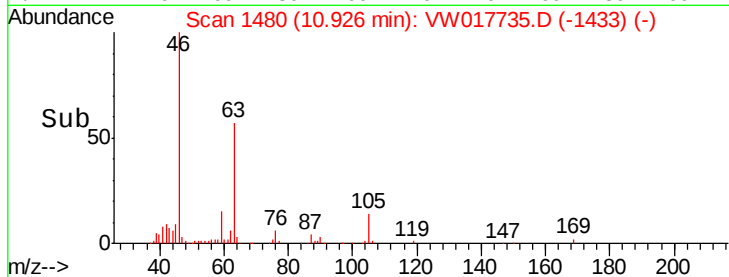
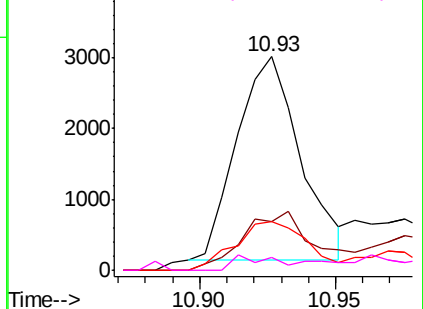
MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	4663
Ion	Ratio	Lower	Upper
43	100		
58	32.6	44.2	66.4#
57	26.8	16.1	24.1#
100	2.9	11.0	16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 57.00 (56.70 to 57.70): VW
 Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 8.018 ug/L

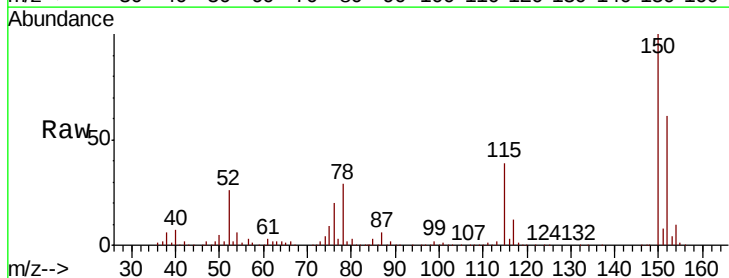
RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017735.D

Acq: 24 Dec 2020 14:50

Tgt Ion:	75	Resp:	25777
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.4	38.0



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW

