

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017737.D
 Acq On : 24 Dec 2020 15:37
 Operator : SY/VA
 Sample : L5206-05
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:47:54 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	425573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	177559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111800	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.92%
7) Chloroethane-d5	2.89	69	102154	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
10) 1,1-Dichloroethene-d2	4.02	63	151531	13.21	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.84%
20) 2-Butanone-d5	7.07	46	54649	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
24) Chloroform-d	7.65	84	228321	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	128336	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.20%
29) Benzene-d6	8.27	84	438425	19.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.04%
33) 1,2-Dichloropropane-d6	9.27	67	132421	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.60%
37) Toluene-d8	10.32	98	394954	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.12%
38) trans-1,3-Dichloropropene-	10.58	79	52701	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.32%
39) 2-Hexanone-d5	10.93	63	39642	51.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101037	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	128863	20.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.36%

Target Compounds

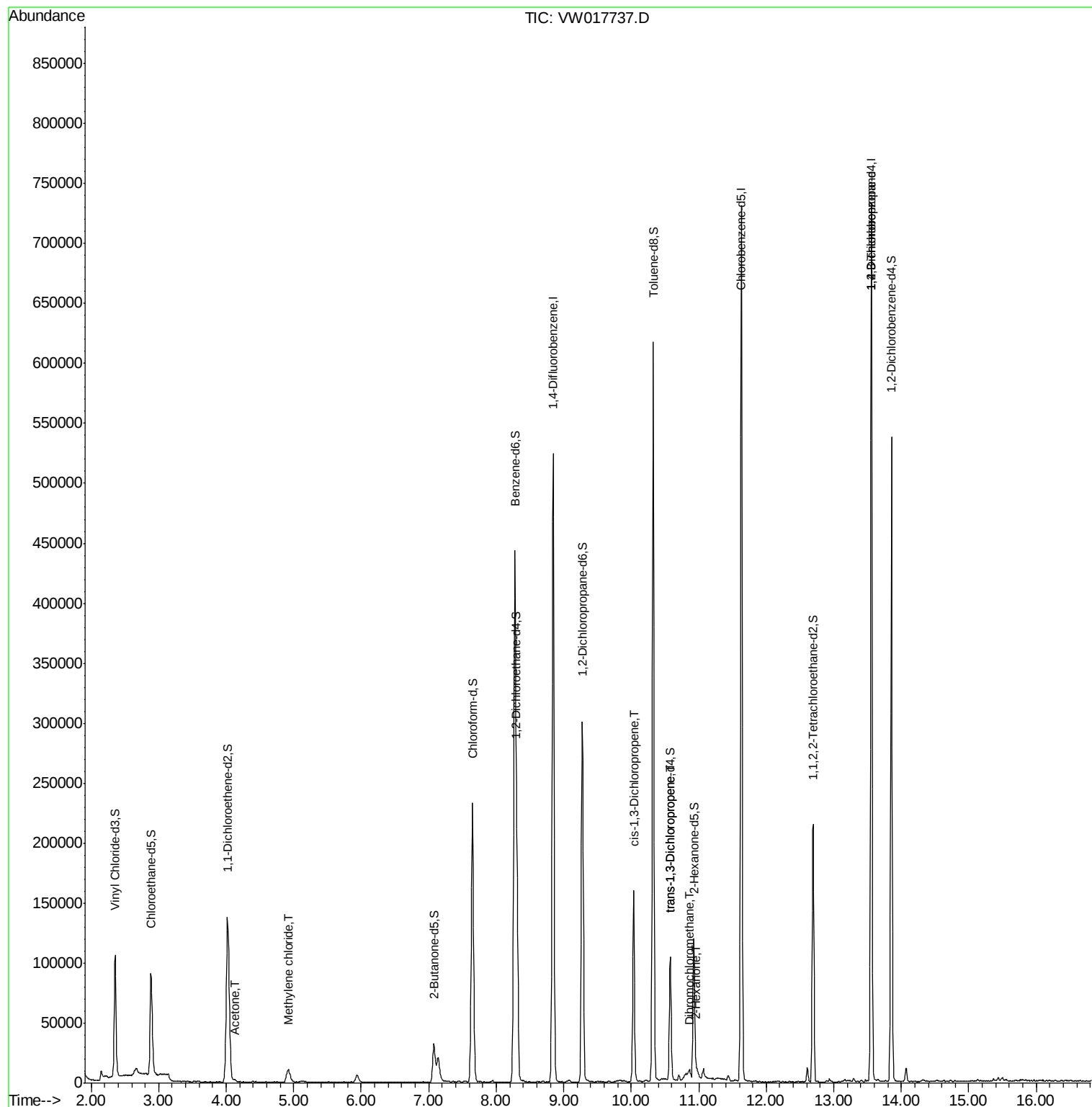
					Ovalue
13) Acetone	4.12	43	2954	3.205 ug/L	72
16) Methylene chloride	4.92	84	8884	1.460 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	4823	0.568 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	3048	0.422 ug/L #	73
49) 2-Hexanone	10.96	43	1860	1.015 ug/L #	82
50) Dibromochloromethane	10.87	129	1397	0.298 ug/L #	9
59) 1,2,3-Trichloropropane	13.55	75	25051	7.726 ug/L	91

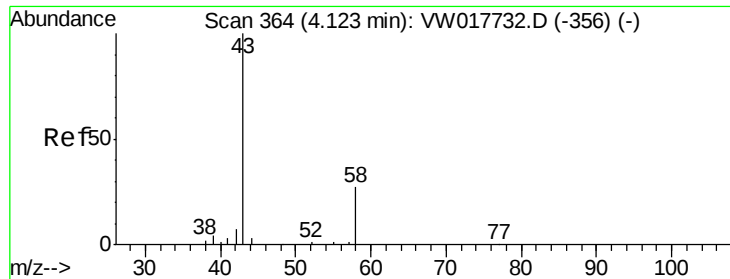
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.205 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017737.D

Acq: 24 Dec 2020 15:37

Instrument :

MSVOA_W

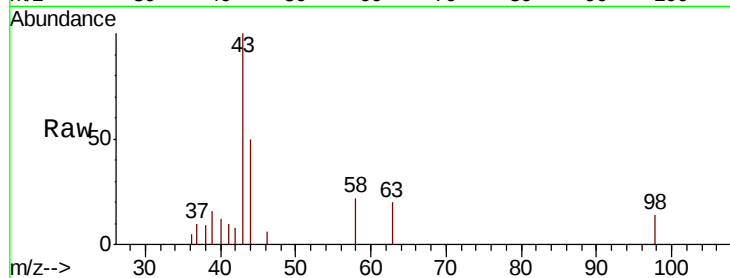
ClientSampled :

Tot Ion: 43 Resp: 2954

Ion Ratio Lower Upper

43 100

58 15.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

600

400

200

0

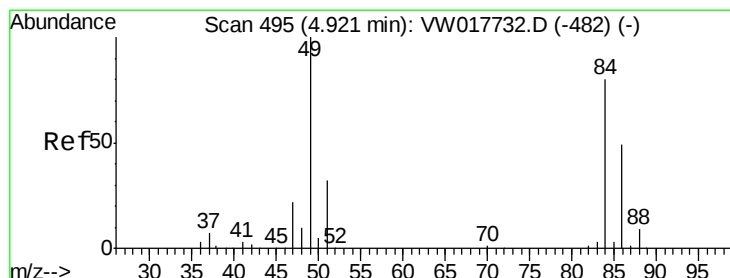
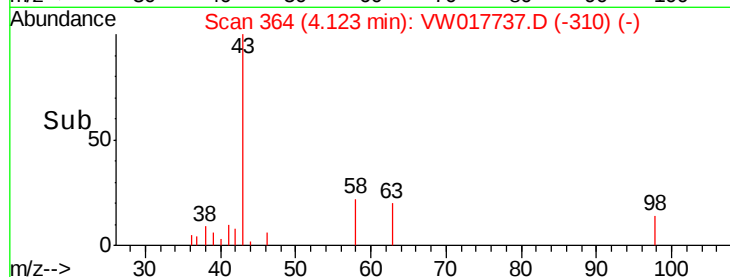
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 1.460 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017737.D

Acq: 24 Dec 2020 15:37

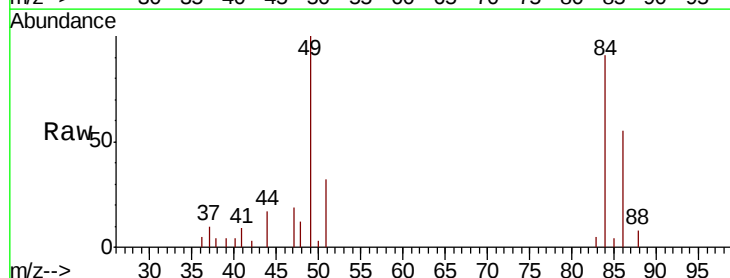
Tgt Ion: 84 Resp: 8884

Ion Ratio Lower Upper

84 100

49 109.5 90.5 168.1

86 60.0 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

4.92

4000

3000

2000

1000

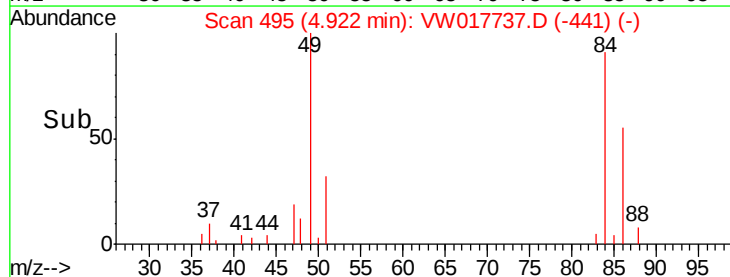
0

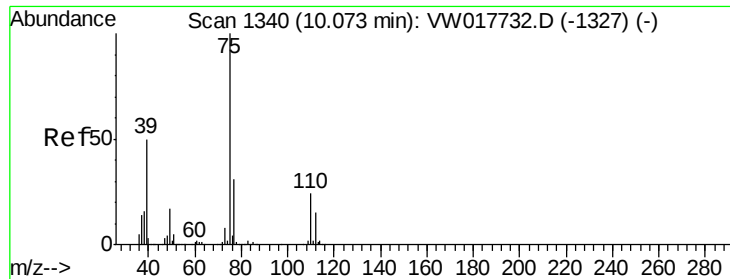
4.80

4.90

5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017737.D

Acq: 24 Dec 2020 15:37

Instrument :

MSVOA_W

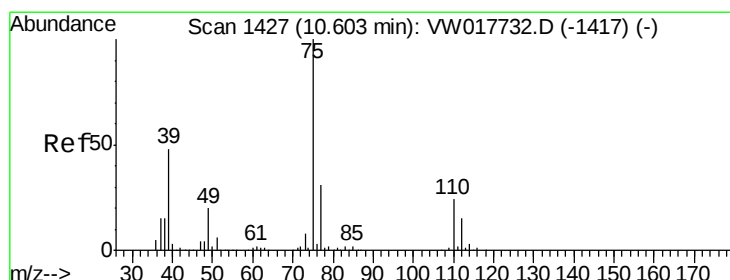
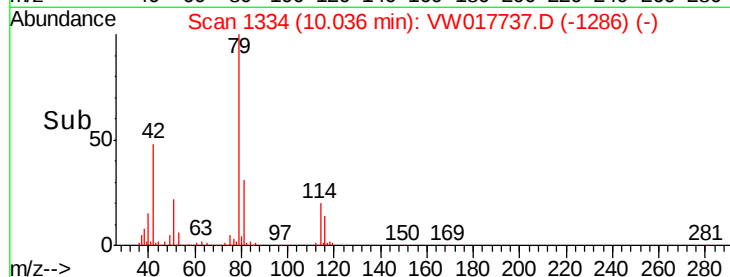
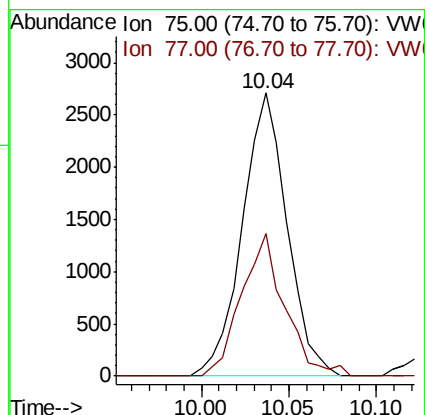
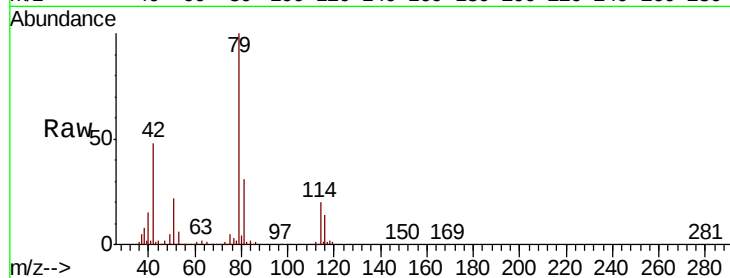
ClientSampled :

Tot Ion: 75 Resp: 4823

Ion Ratio Lower Upper

75 100

77 50.3 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017737.D

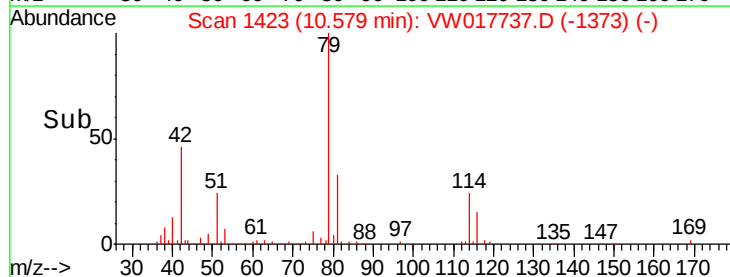
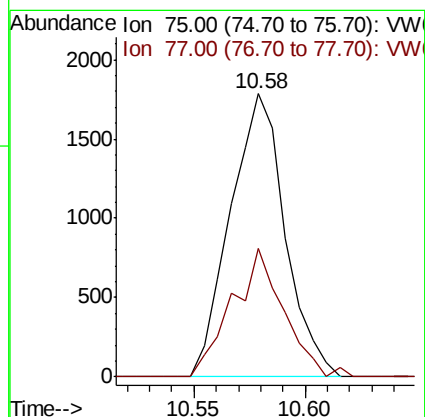
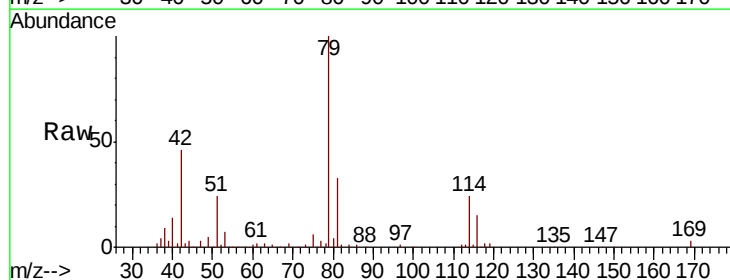
Acq: 24 Dec 2020 15:37

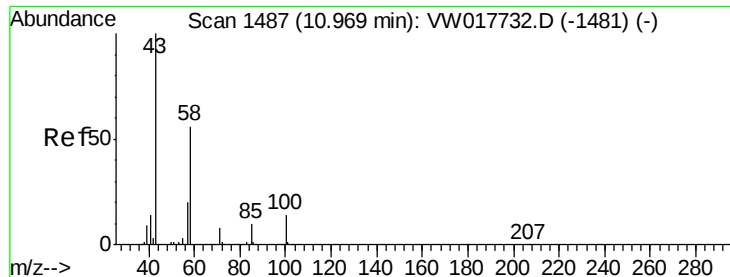
Tgt Ion: 75 Resp: 3048

Ion Ratio Lower Upper

75 100

77 45.5 21.6 40.0#





#49

2-Hexanone

Concen: 1.015 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017737.D

Acq: 24 Dec 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1860

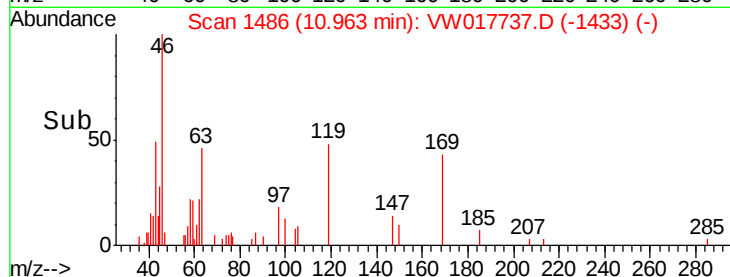
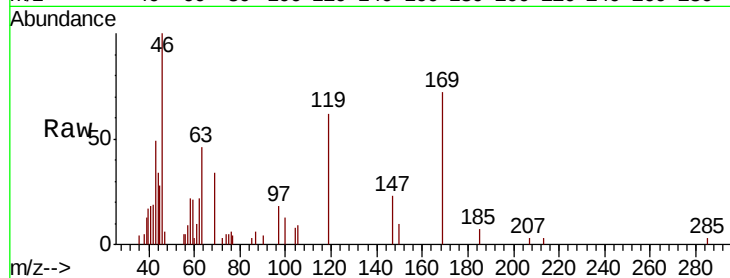
Ion Ratio Lower Upper

43 100

58 43.7 44.2 66.4#

57 11.3 16.1 24.1#

100 24.5 11.0 16.4#

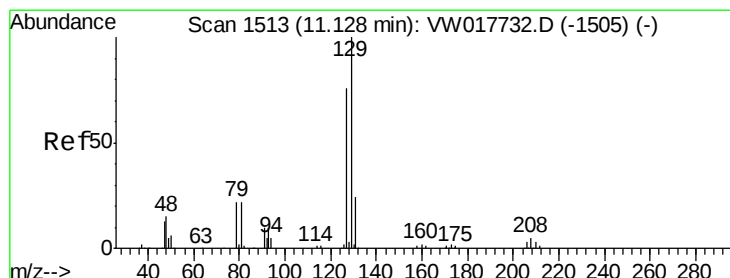
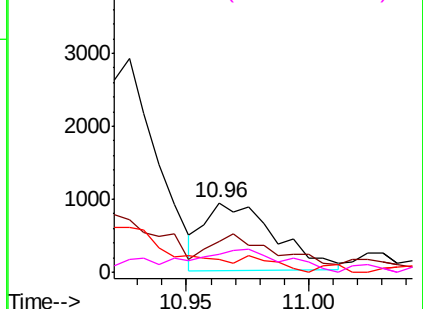


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#50

Dibromochloromethane

Concen: 0.298 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017737.D

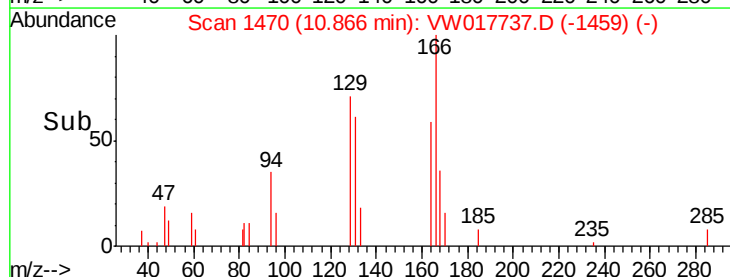
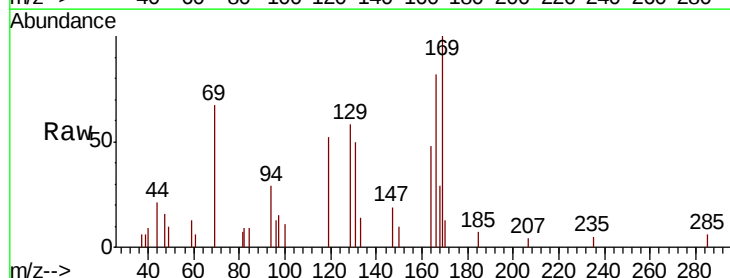
Acq: 24 Dec 2020 15:37

Tgt Ion: 129 Resp: 1397

Ion Ratio Lower Upper

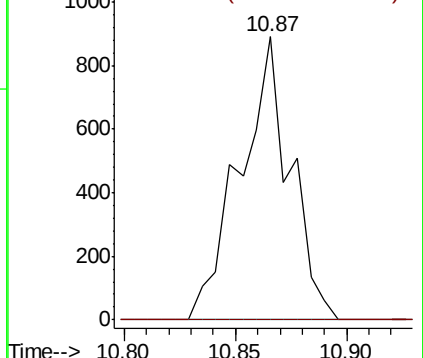
129 100

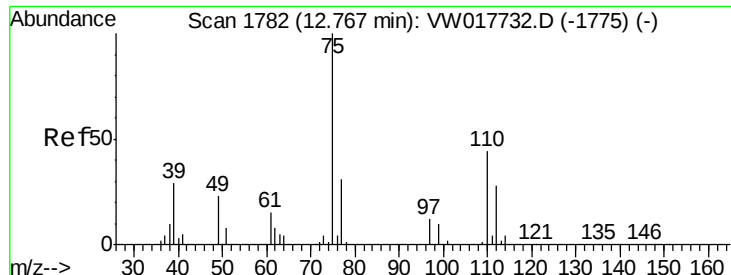
127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 7.726 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017737.D

Acq: 24 Dec 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 25051

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.0

