

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017887.D
 Acq On : 14 Jan 2021 18:02
 Operator : SY/VA
 Sample : M1132-17
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:47:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	283778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	235322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92864	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	2.89	69	79938	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	4.03	63	121230	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.08	46	40908	57.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.96%
24) Chloroform-d	7.65	84	165594	22.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	8.30	65	99288	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	317225	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	94900	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
37) Toluene-d8	10.32	98	277611	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	33456	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	27675	60.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73867	27.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	62405	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds

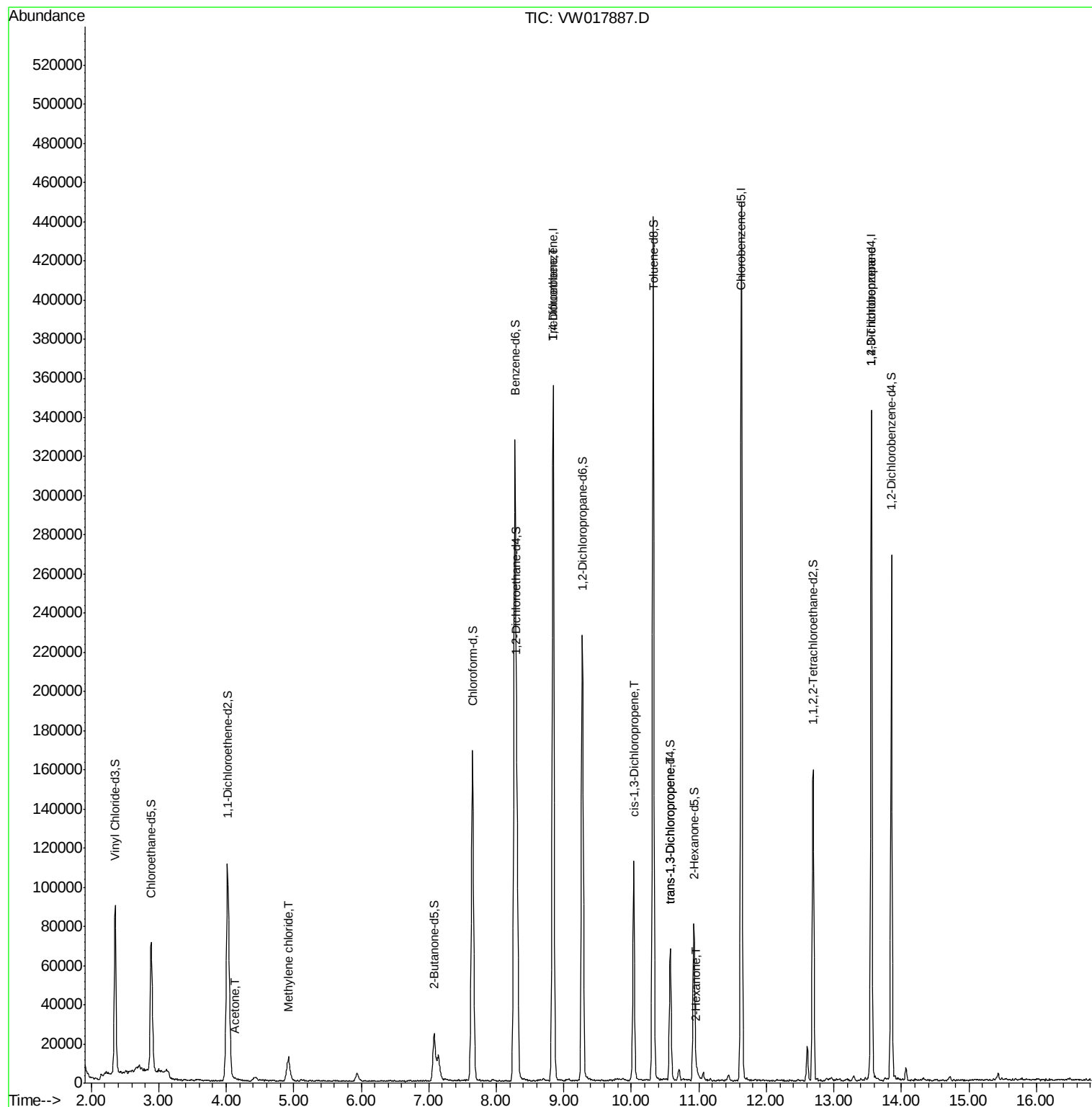
					Ovalue
13) Acetone	4.13	43	1449	2.358 ug/L	86
16) Methylene chloride	4.92	84	8970	2.210 ug/L #	86
35) Trichloroethene	8.84	95	9188	2.467 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	3338	0.659 ug/L #	57
45) trans-1,3-Dichloropropene	10.58	75	1980	0.459 ug/L #	65
49) 2-Hexanone	10.97	43	1050	0.959 ug/L #	56
59) 1,2,3-Trichloropropane	13.55	75	12581	6.495 ug/L	94

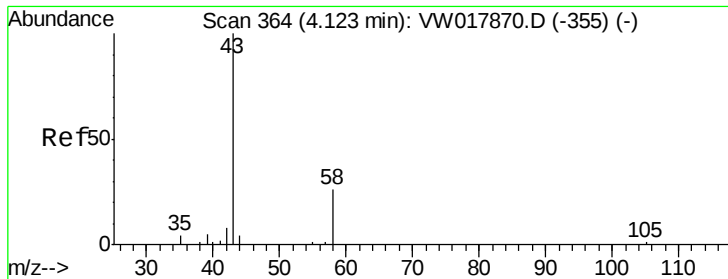
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.358 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Instrument :

MSVOA_W

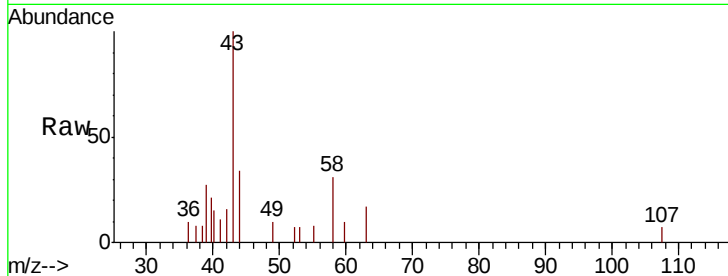
ClientSampled :

Tot Ion: 43 Resp: 1449

Ion Ratio Lower Upper

43 100

58 38.2 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

800

600

400

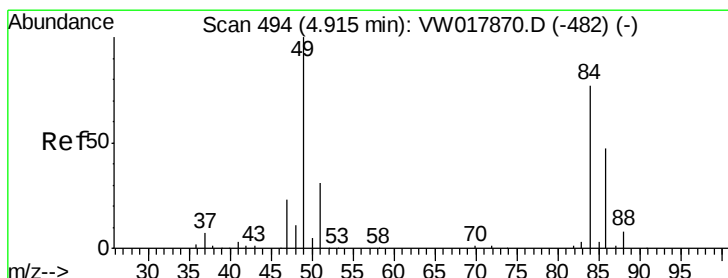
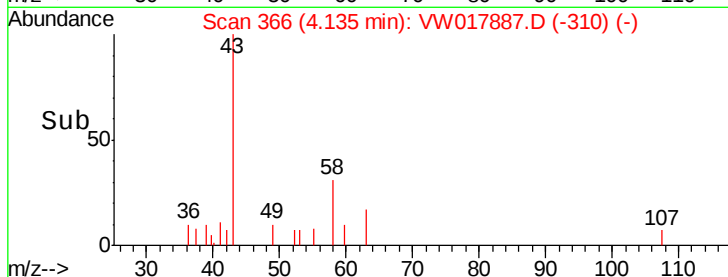
200

0

Time--> 4.05

4.10

4.15



#16

Methylene chloride

Concen: 2.210 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

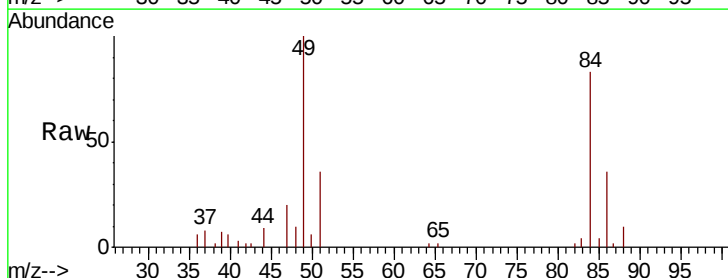
Tgt Ion: 84 Resp: 8970

Ion Ratio Lower Upper

84 100

49 120.1 90.5 168.1

86 42.6 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

5000

4000

3000

2000

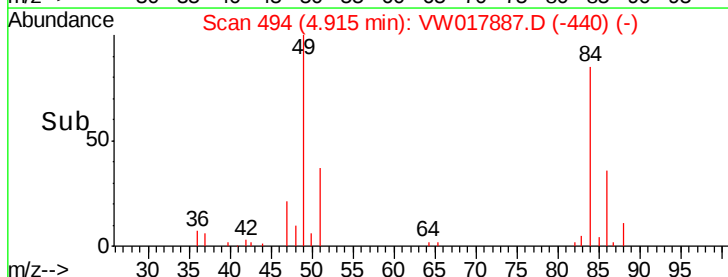
1000

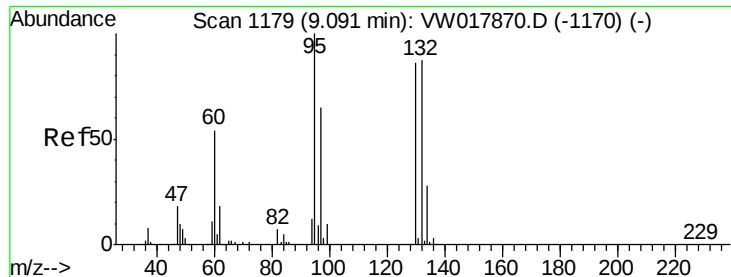
0

Time--> 4.80

4.90

5.00





#35

Trichloroethene

Concen: 2.467 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9188

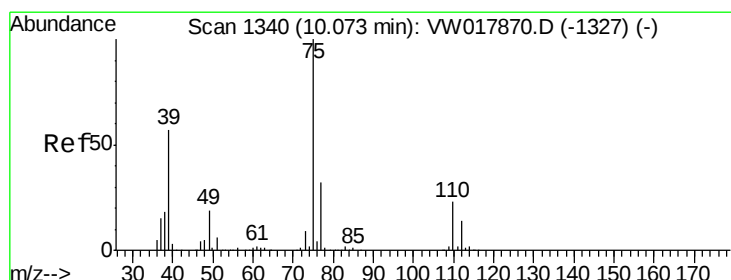
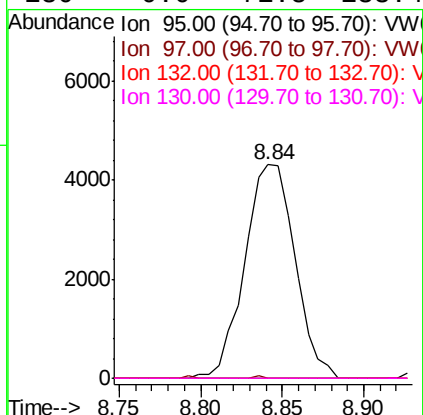
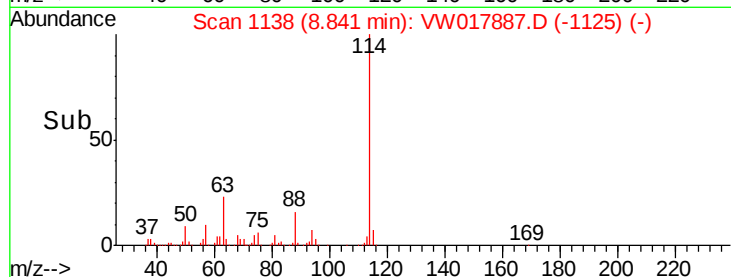
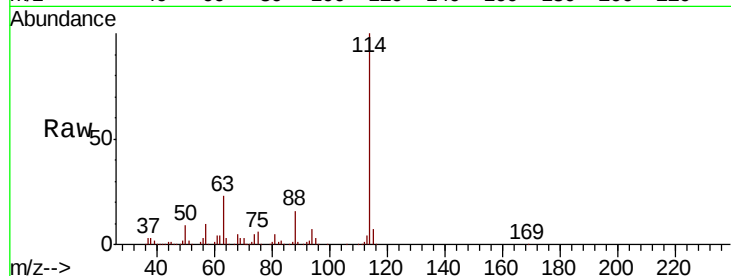
Ion Ratio Lower Upper

95 100

97 0.5 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#



#42

cis-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017887.D

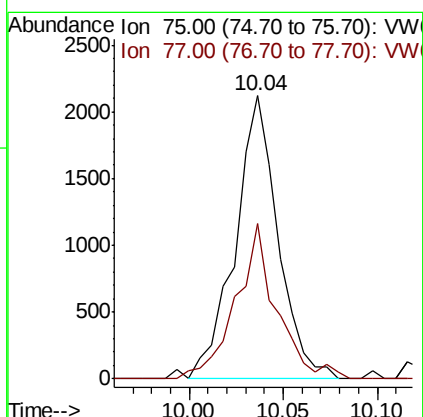
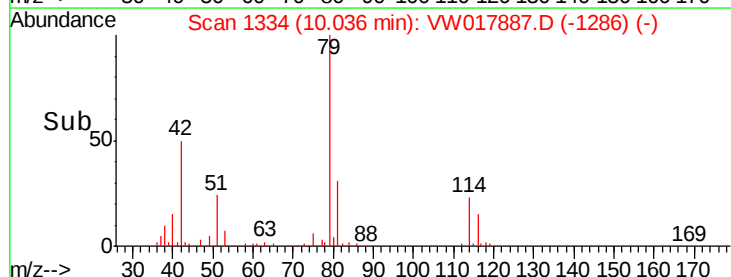
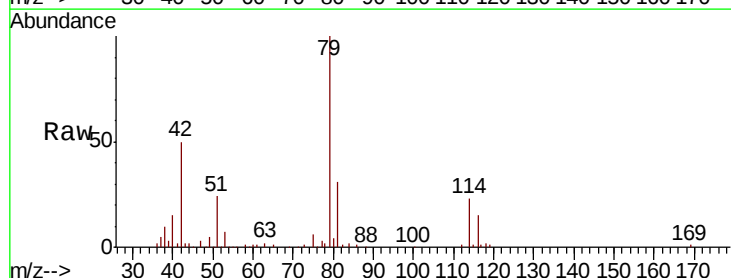
Acq: 14 Jan 2021 18:02

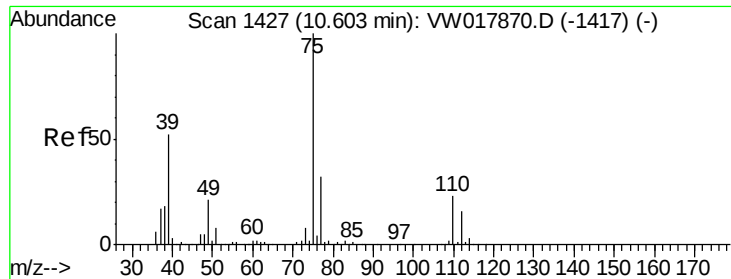
Tgt Ion: 75 Resp: 3338

Ion Ratio Lower Upper

75 100

77 54.7 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Instrument :

MSVOA_W

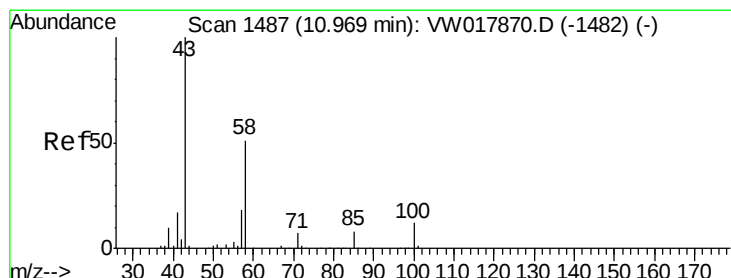
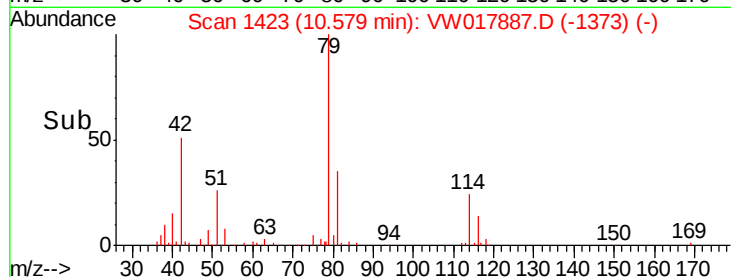
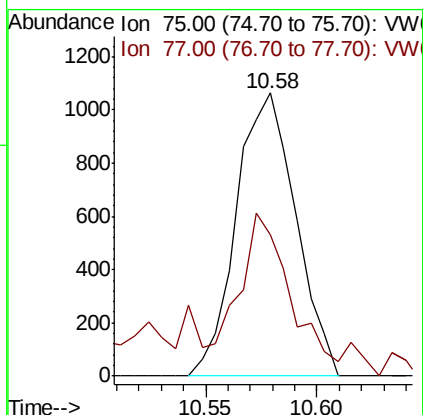
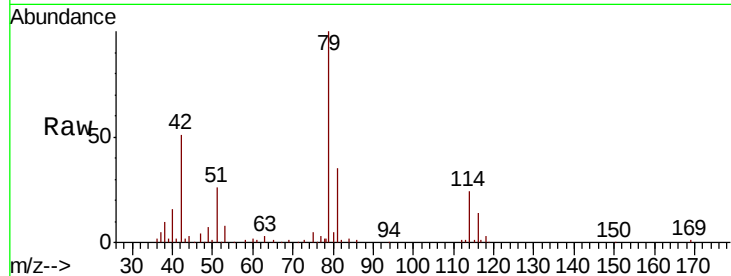
ClientSampleId :

Tot Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

77 49.8 21.6 40.0#



#49

2-Hexanone

Concen: 0.959 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Tgt Ion: 43 Resp: 1050

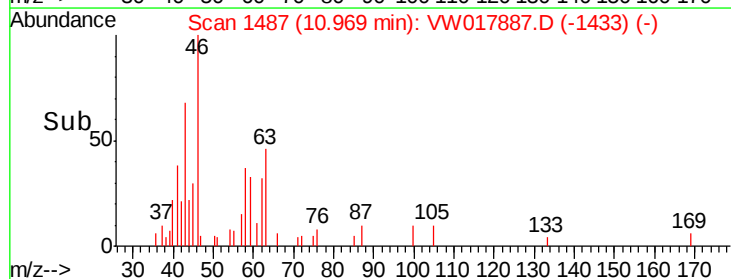
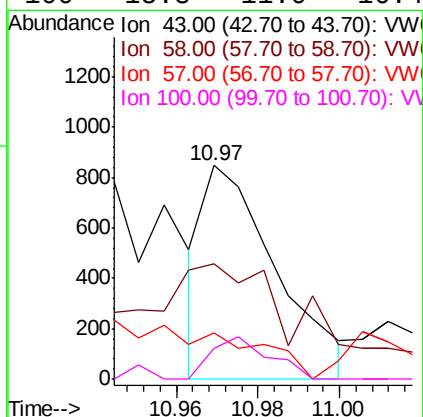
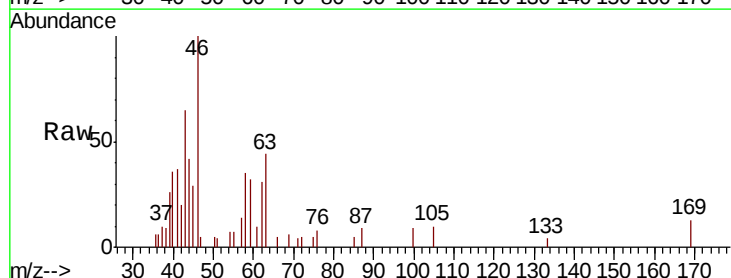
Ion Ratio Lower Upper

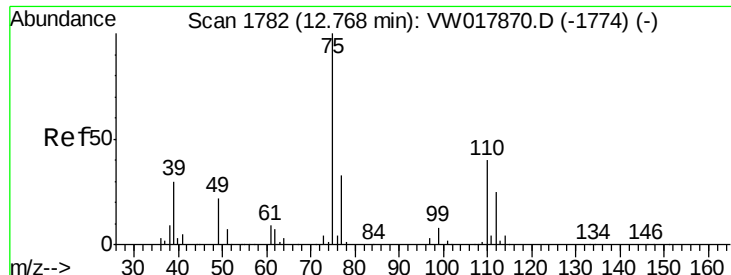
43 100

58 16.0 44.2 66.4#

57 0.0 16.1 24.1#

100 15.8 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 6.495 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 12581

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0

