

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017912.D
 Acq On : 15 Jan 2021 20:54
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:11:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354437	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	171923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113069	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.89	69	97532	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
10) 1,1-Dichloroethene-d2	4.02	63	161184	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
20) 2-Butanone-d5	7.08	46	60445	62.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.92%
24) Chloroform-d	7.65	84	231732	23.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	8.31	65	130485	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	450866	22.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.32%
33) 1,2-Dichloropropane-d6	9.27	67	133589	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	10.32	98	424882	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	50042	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	44018	63.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107714	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	148051	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

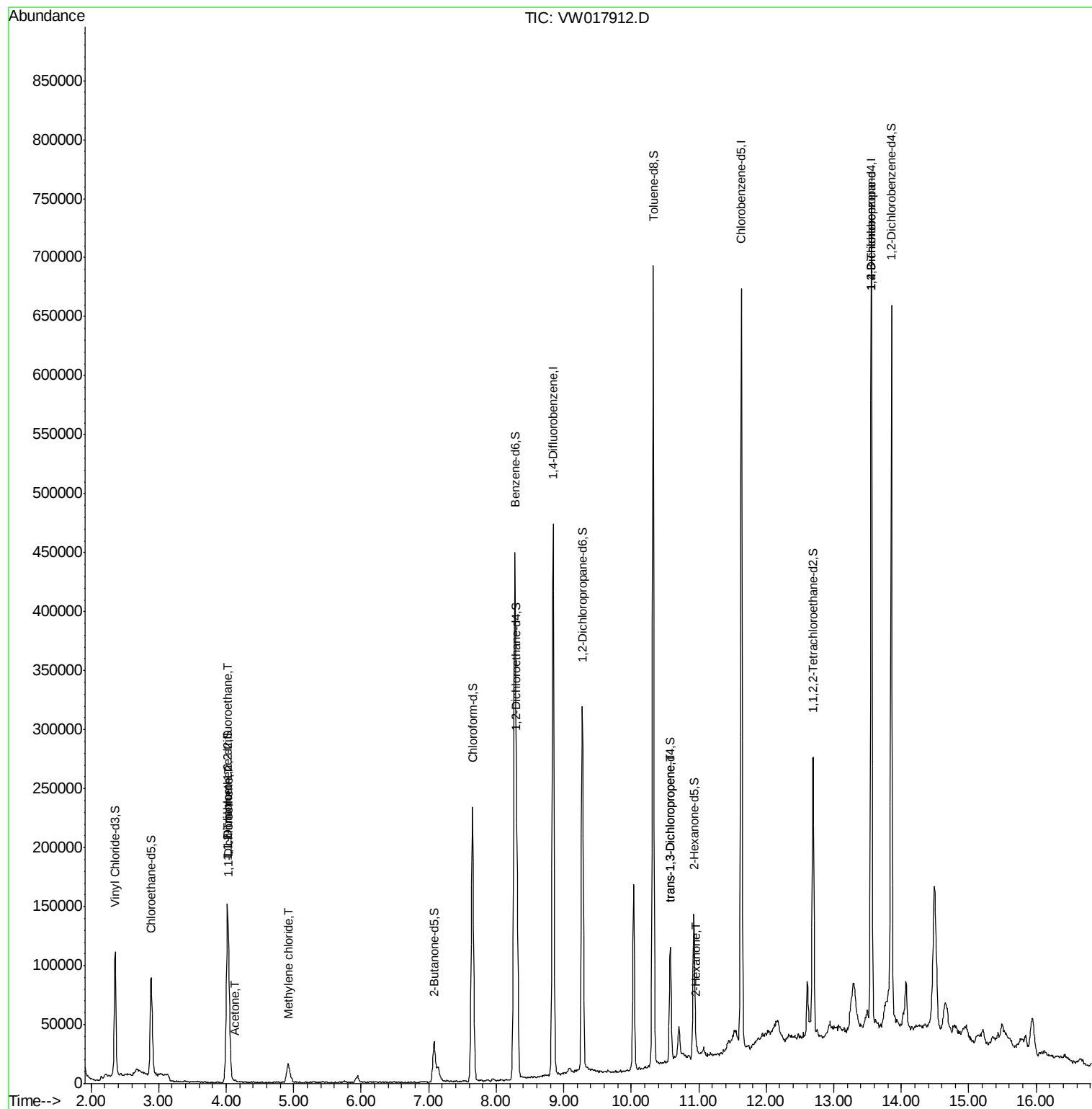
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1271	0.261 ug/L #	43
12) 1,1-Dichloroethene	4.04	96	1671	0.354 ug/L #	1
13) Acetone	4.13	43	1195	1.442 ug/L	49
16) Methylene chloride	4.92	84	12778	2.334 ug/L	87
45) trans-1,3-Dichloropropene	10.58	75	3171	0.488 ug/L #	48
49) 2-Hexanone	10.96	43	1459	0.885 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	23763	8.145 ug/L	96

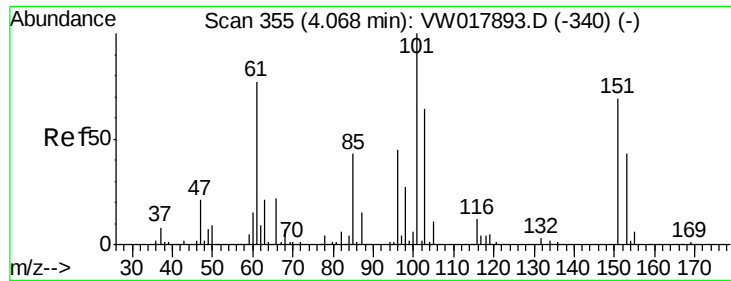
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.261 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

Instrument :

MSVOA_W

ClientSampled :

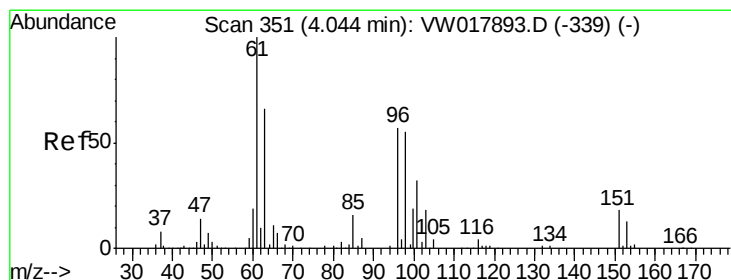
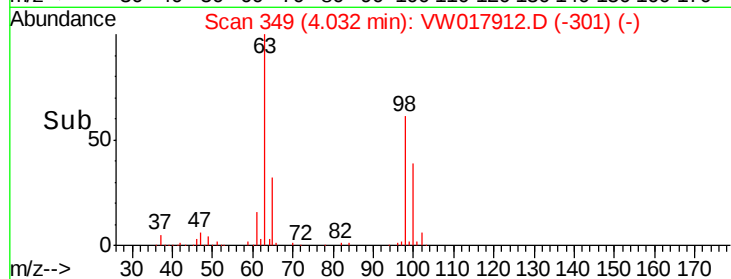
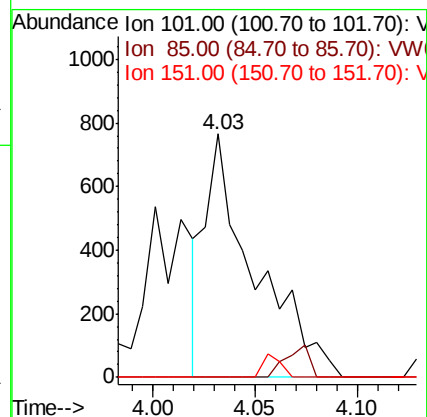
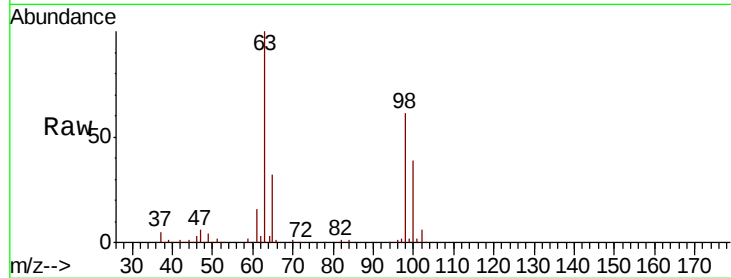
Tot Ion:101 Resp: 1271

Ion Ratio Lower Upper

101 100

85 6.4 34.2 51.4#

151 3.5 30.4 45.6#



#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

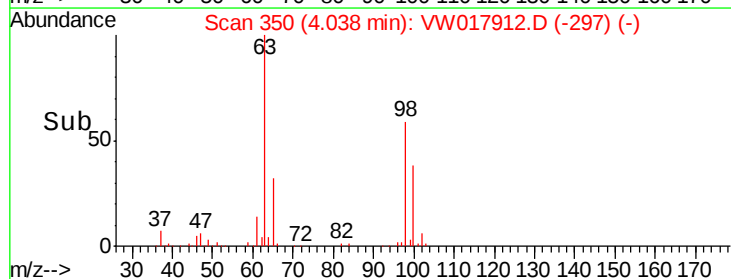
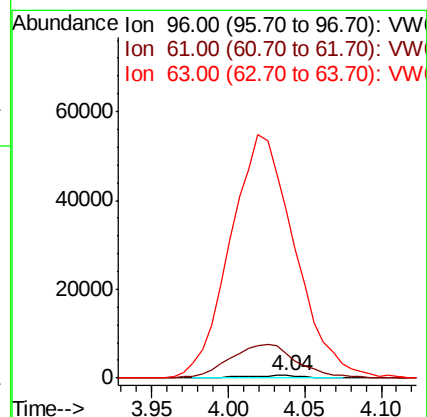
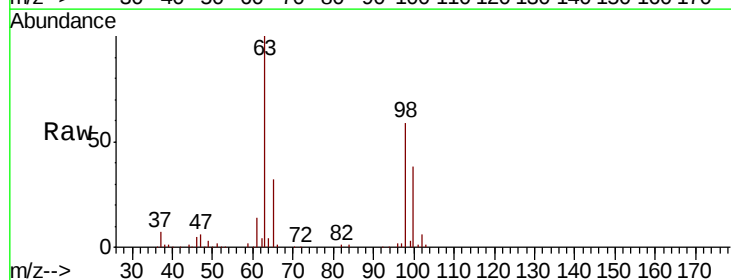
Tgt Ion: 96 Resp: 1671

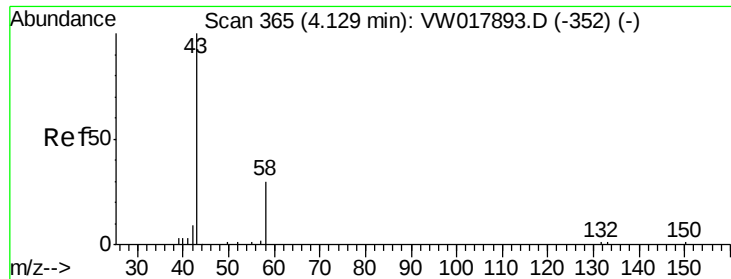
Ion Ratio Lower Upper

96 100

61 944.8 112.5 208.9#

63 6557.0 83.1 154.3#





#13

Acetone

Concen: 1.442 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

Instrument :

MSVOA_W

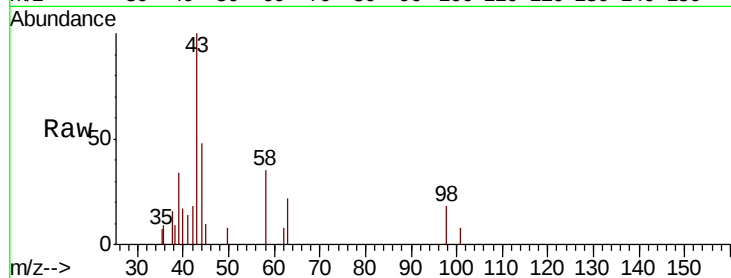
ClientSampled :

Tot Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

58 63.6 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

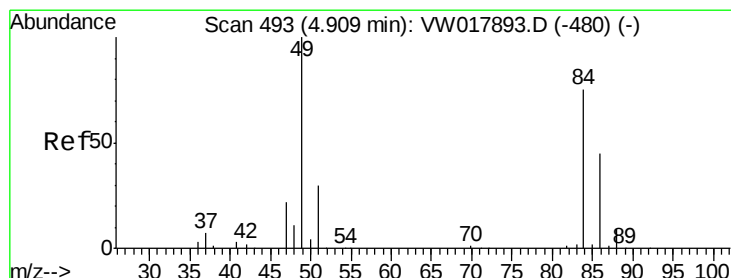
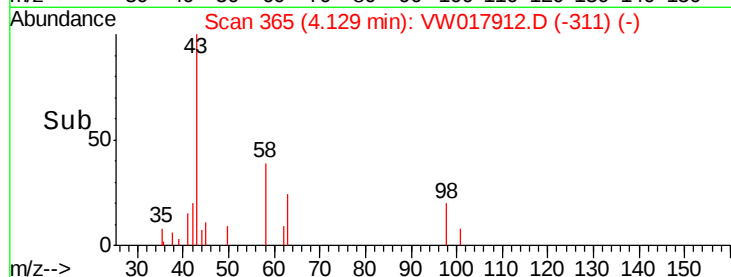
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.334 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

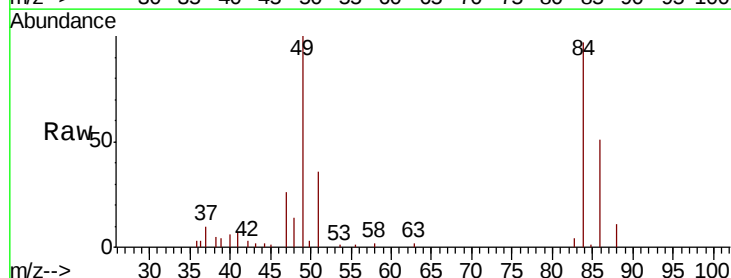
Tgt Ion: 84 Resp: 12778

Ion Ratio Lower Upper

84 100

49 103.2 81.2 150.8

86 52.5 44.5 82.7



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

6000

5000

4000

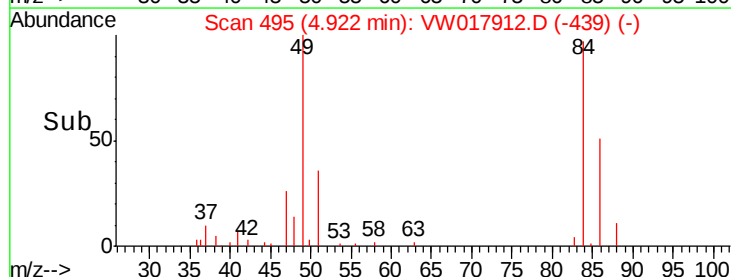
3000

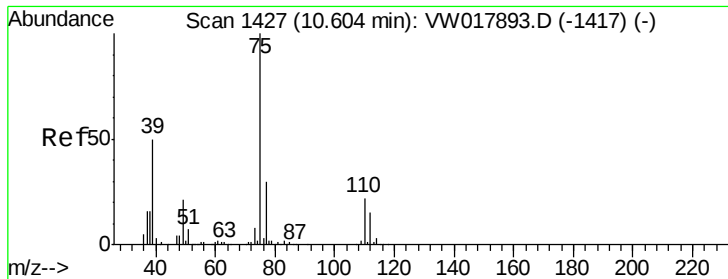
2000

1000

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.488 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

Instrument :

MSVOA_W

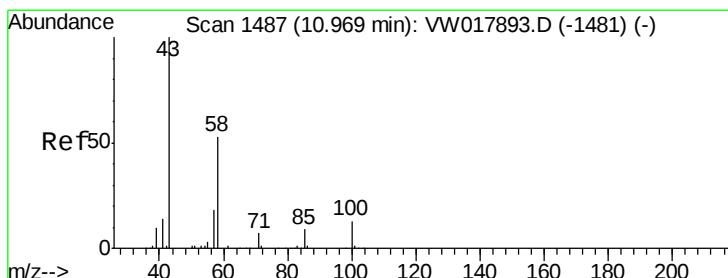
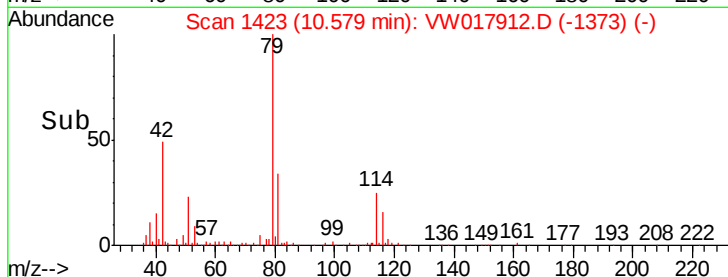
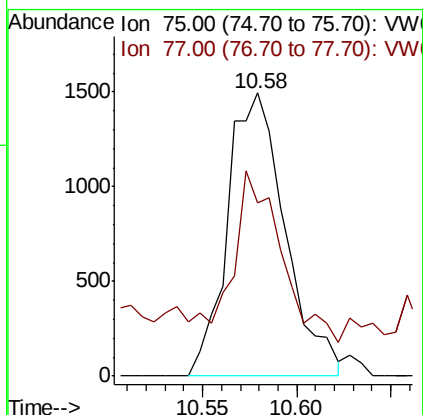
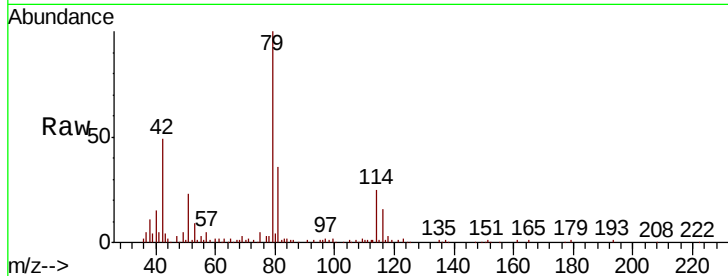
ClientSampleId :

Tot Ion: 75 Resp: 3171

Ion Ratio Lower Upper

75 100

77 61.2 22.6 42.0#



#49

2-Hexanone

Concen: 0.885 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

Tgt Ion: 43 Resp: 1459

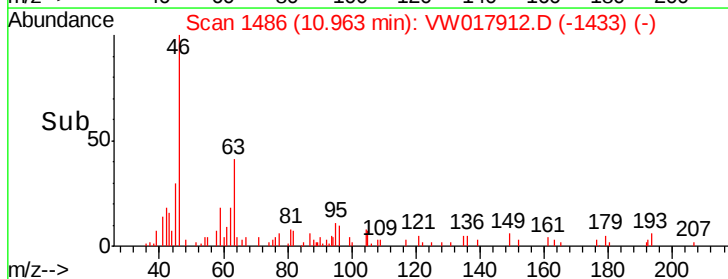
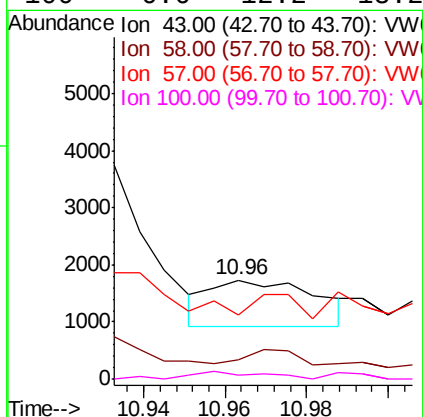
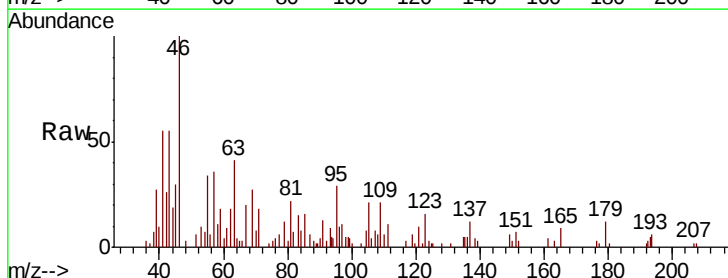
Ion Ratio Lower Upper

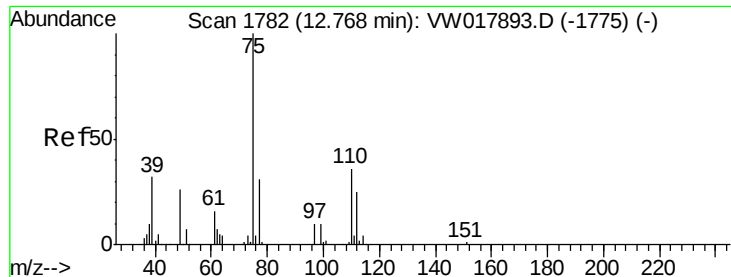
43 100

58 34.0 51.3 76.9#

57 21.2 15.0 22.6

100 6.6 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 8.145 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017912.D

Acq: 15 Jan 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23763

Ion Ratio Lower Upper

75 100

77 35.5 26.6 39.8

