

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017576.D
 Acq On : 07 Dec 2020 13:55
 Operator : SY/VA
 Sample : L4941-12RE
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ1

Quant Time: Dec 08 06:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346785	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93168	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
7) Chloroethane-d5	2.89	69	85930	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
10) 1,1-Dichloroethene-d2	4.03	63	165671	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.08	46	57613	57.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.18%
24) Chloroform-d	7.65	84	256406	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	8.31	65	136789	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.40%
29) Benzene-d6	8.28	84	464889	24.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.76%
33) 1,2-Dichloropropane-d6	9.27	67	143462	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	10.32	98	403803	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	50128	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	30495	45.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105626	27.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	115056	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

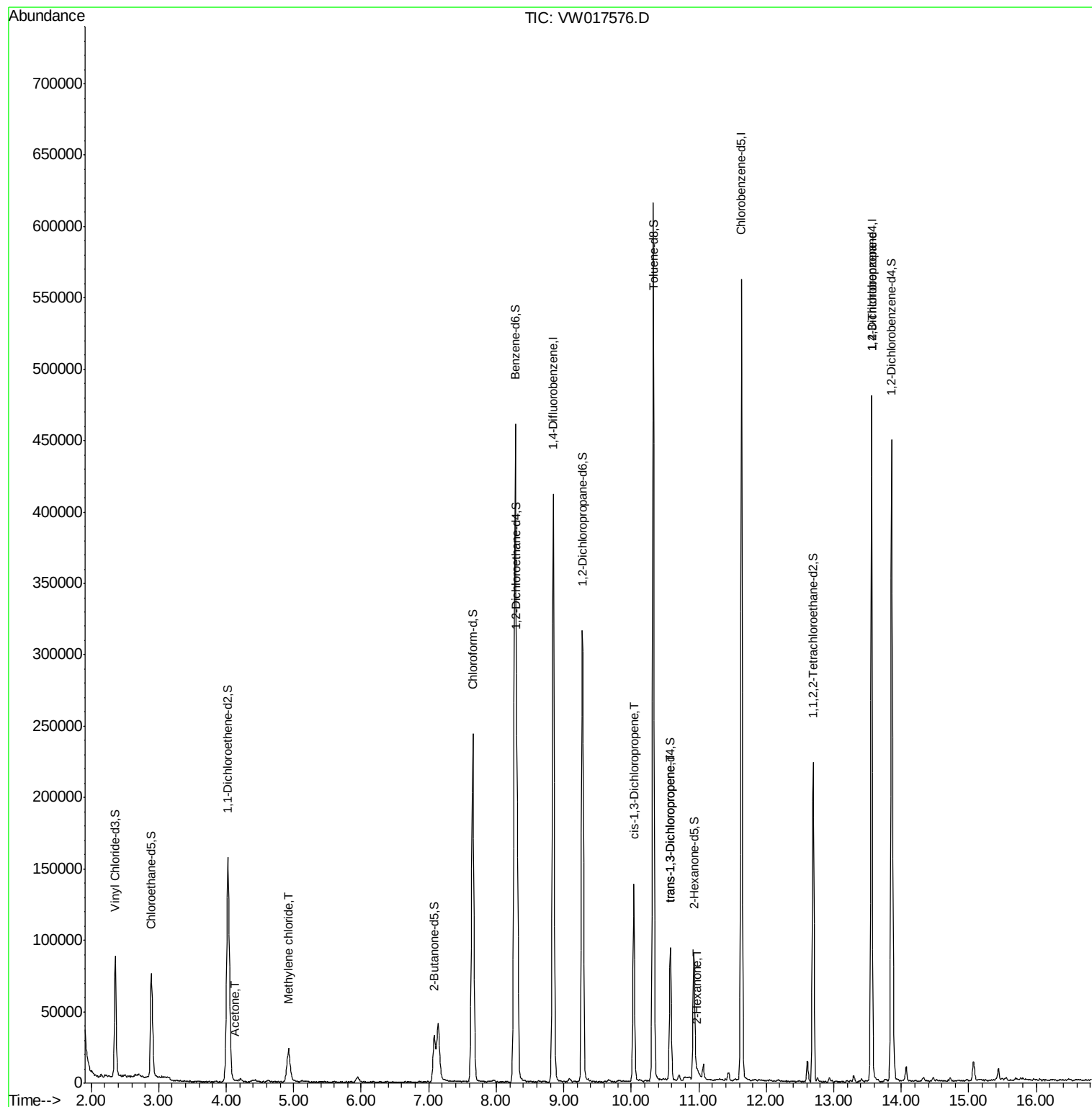
					Ovalue
13) Acetone	4.14	43	989	1.016 ug/L	66
16) Methylene chloride	4.92	84	11402	2.180 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	3713	0.551 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	2803	0.483 ug/L #	74
49) 2-Hexanone	10.98	43	763	0.516 ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	15266	5.840 ug/L	97

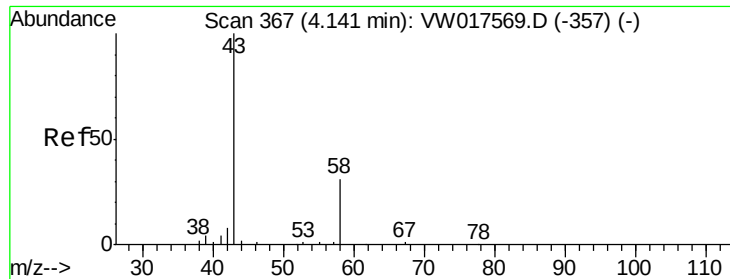
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120720\
Data File : VW017576.D
Acq On : 07 Dec 2020 13:55
Operator : SY/VA
Sample : L4941-12RE
Misc : 5.11G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ1

Quant Time: Dec 08 06:47:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 08 06:44:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.016 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW017576.D

Acq: 07 Dec 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

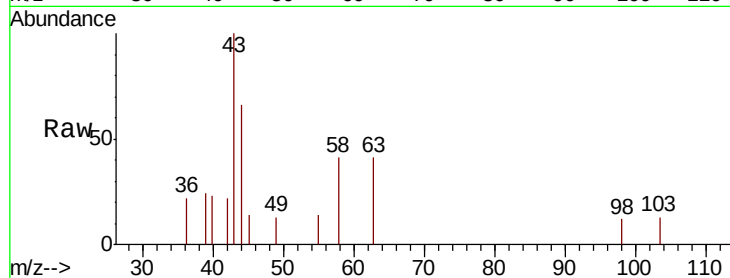
C0BJ1

Tot Ion: 43 Resp: 989

Ion Ratio Lower Upper

43 100

58 14.5 0.0 68.4



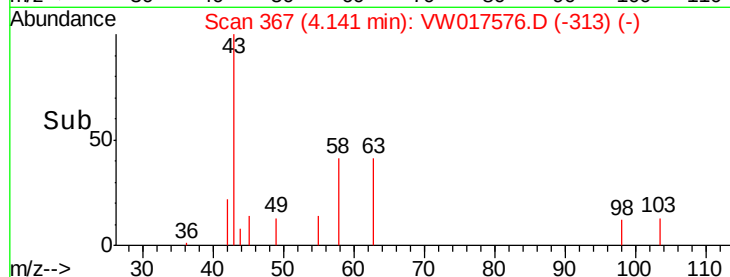
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

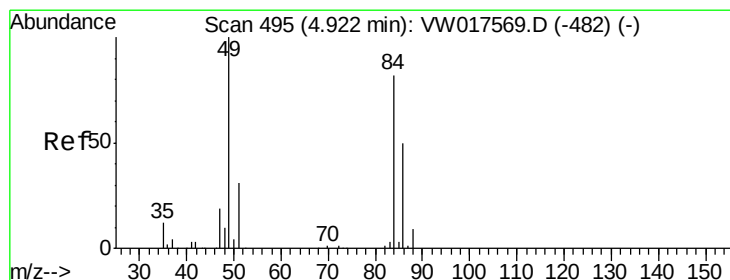
4.14

4.15

4.20



Time-->



#16

Methylene chloride

Concen: 2.180 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017576.D

Acq: 07 Dec 2020 13:55

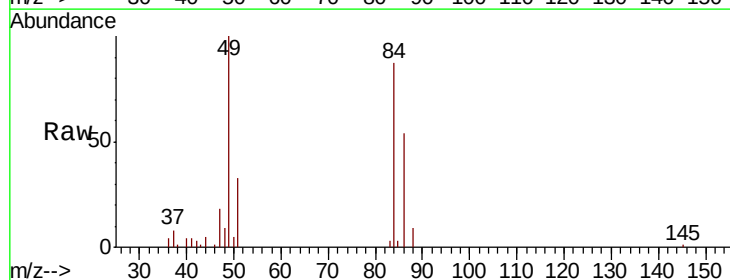
Tgt Ion: 84 Resp: 11402

Ion Ratio Lower Upper

84 100

49 114.9 81.2 150.8

86 62.2 44.5 82.7



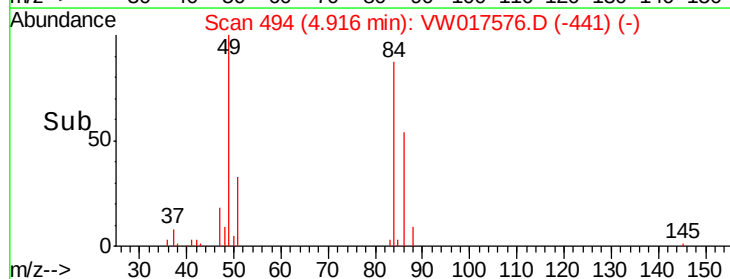
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

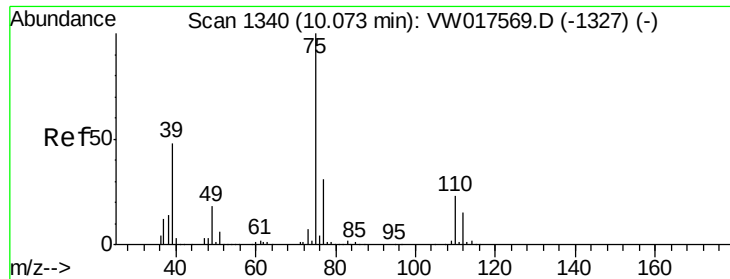
Ion 86.00 (85.70 to 86.70): VW

4.92

4.95



Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.551 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017576.D

Acq: 07 Dec 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

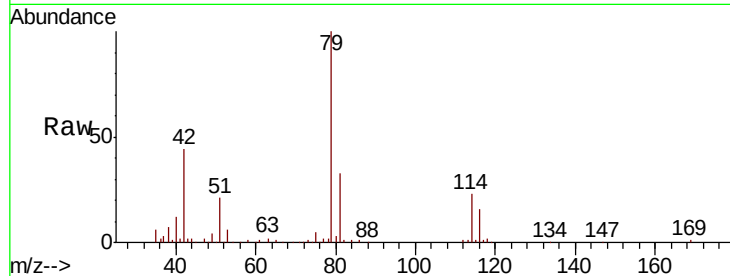
C0BJ1

Tot Ion: 75 Resp: 3713

Ion Ratio Lower Upper

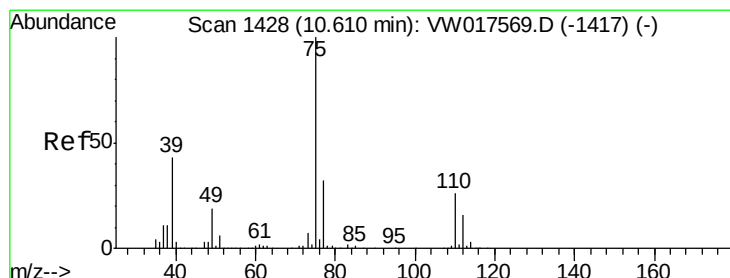
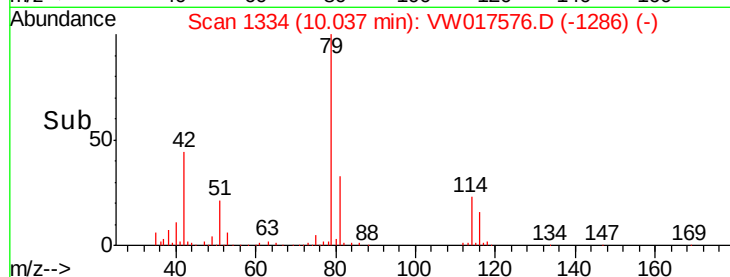
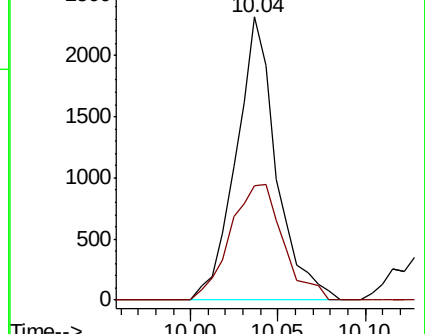
75 100

77 40.3 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017576.D

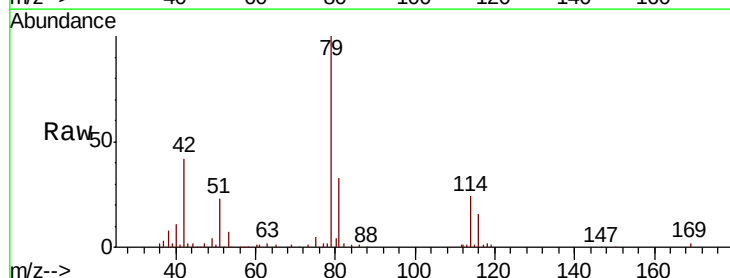
Acq: 07 Dec 2020 13:55

Tgt Ion: 75 Resp: 2803

Ion Ratio Lower Upper

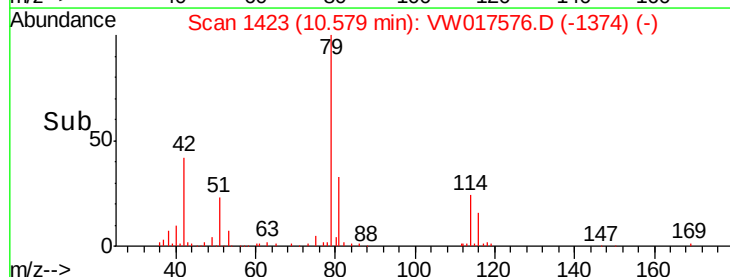
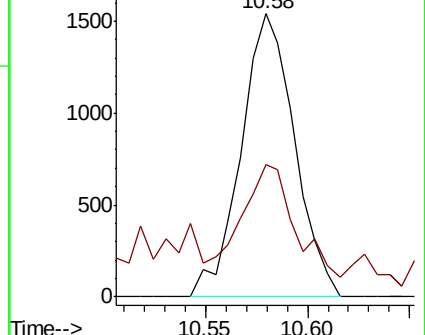
75 100

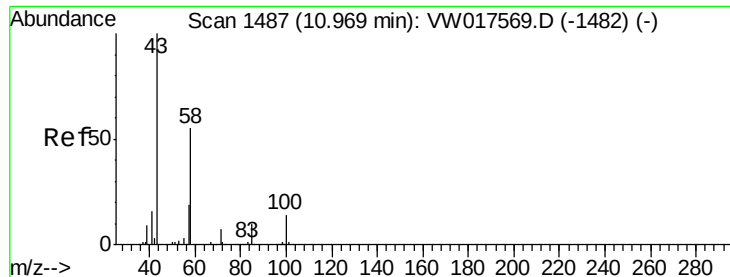
77 46.7 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 0.516 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017576.D

Acq: 07 Dec 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

C0BJ1

Tot Ion: 43 Resp: 763

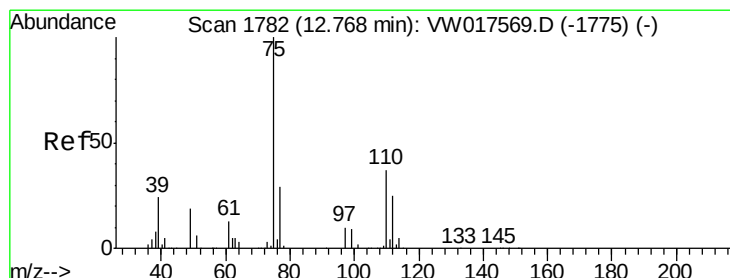
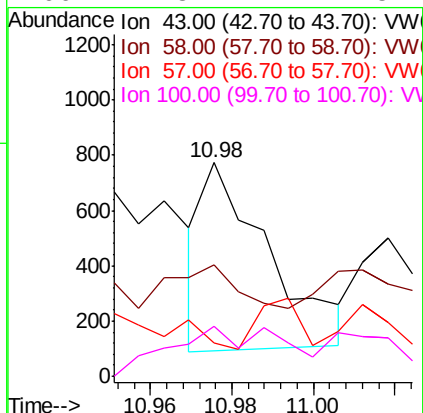
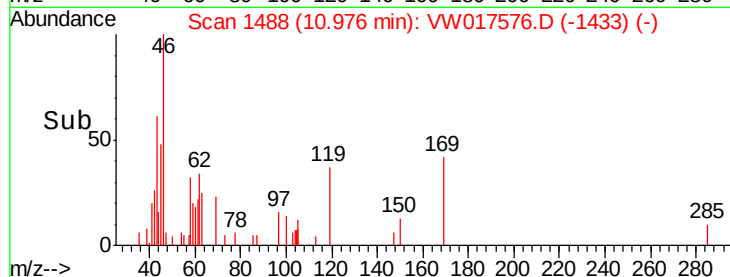
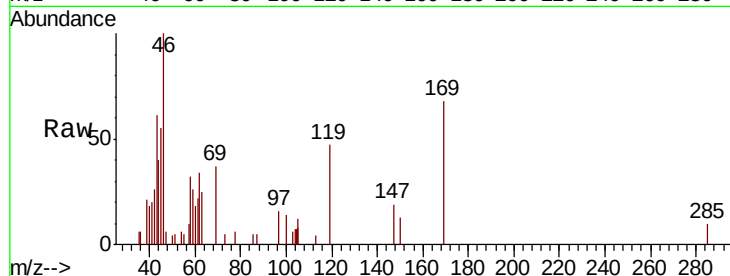
Ion Ratio Lower Upper

43 100

58 93.1 51.3 76.9#

57 20.2 15.0 22.6

100 27.8 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 5.840 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017576.D

Acq: 07 Dec 2020 13:55

Tgt Ion: 75 Resp: 15266

Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

