

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017818.D
 Acq On : 11 Jan 2021 14:51
 Operator : SY/VA
 Sample : M1074-06
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135612	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
7) Chloroethane-d5	2.89	69	105553	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
10) 1,1-Dichloroethene-d2	4.02	63	178976	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.08	46	39288	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	7.65	84	218375	23.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	8.31	65	118332	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	8.27	84	441845	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.27	67	125046	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	412534	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.36%
38) trans-1,3-Dichloropropene-	10.58	79	50276	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.80%
39) 2-Hexanone-d5	10.93	63	27084	43.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78222	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	114412	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds

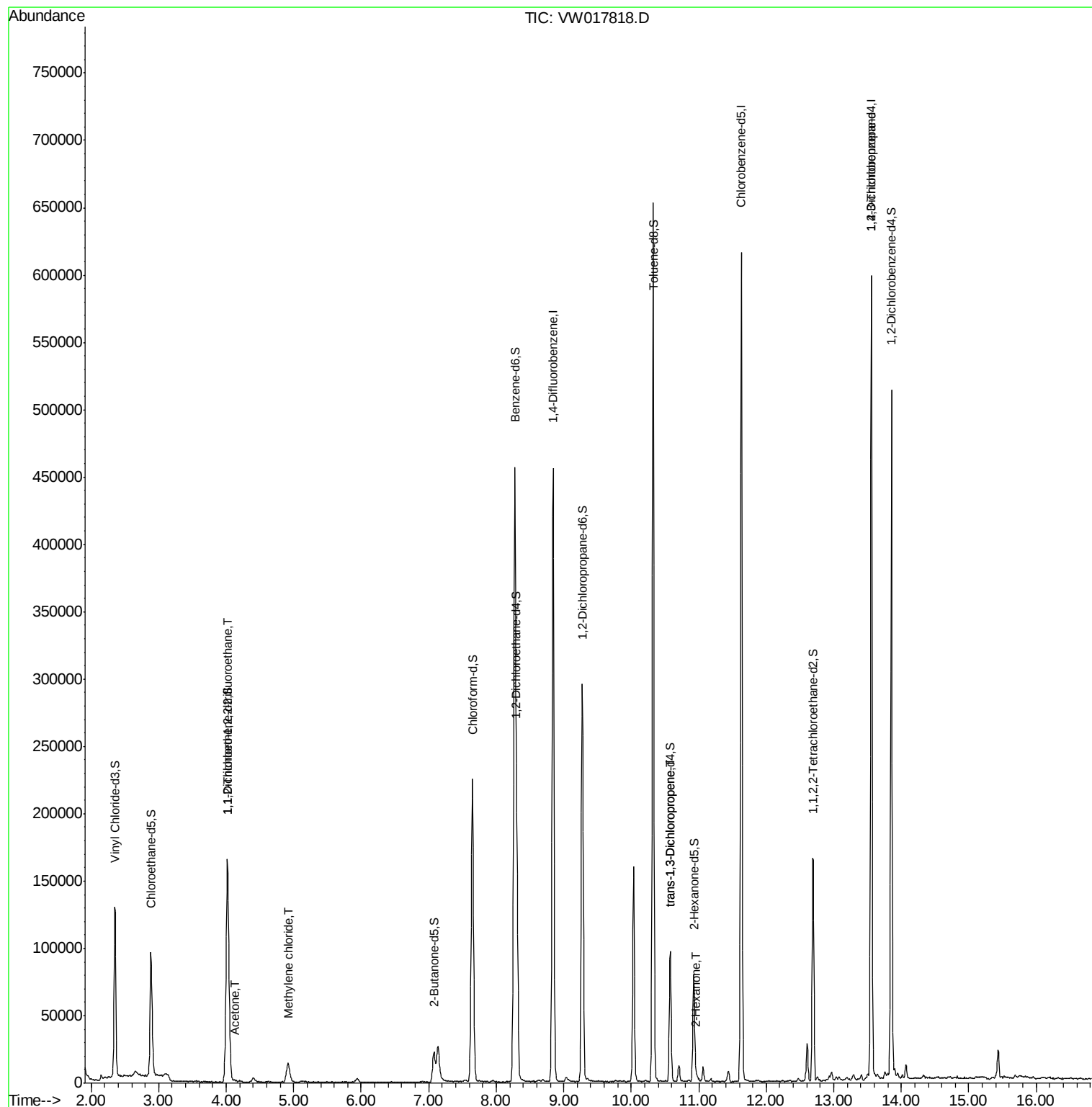
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1705	0.375 ug/L #	22
13) Acetone	4.14	43	1227	1.583 ug/L	85
16) Methylene chloride	4.92	84	10693	2.090 ug/L	82
45) trans-1,3-Dichloropropene	10.58	75	3100	0.534 ug/L	84
49) 2-Hexanone	10.96	43	1319	0.896 ug/L #	79
59) 1,2,3-Trichloropropane	13.55	75	21692	8.326 ug/L	95

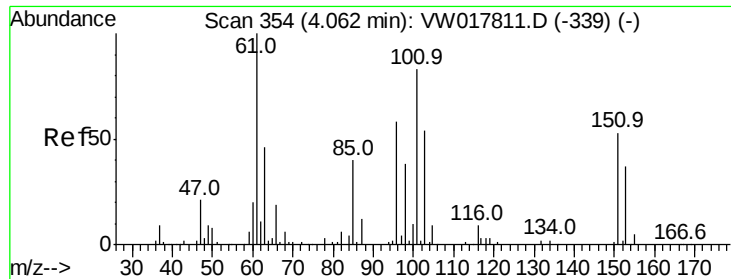
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#11

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

Concen: 0.375 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

Lab File: VW017818.D

Acq: 11 Jan 2021 14:51

Instrument :

MSVOA_W

ClientSampled :

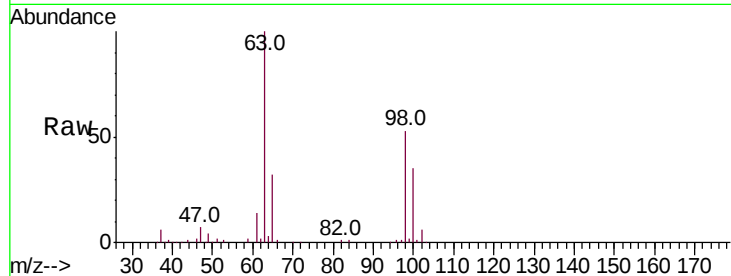
Tot Ion:101 Resp: 1705

Ion Ratio Lower Upper

101 100

85 2.9 36.7 55.1#

151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.02

600

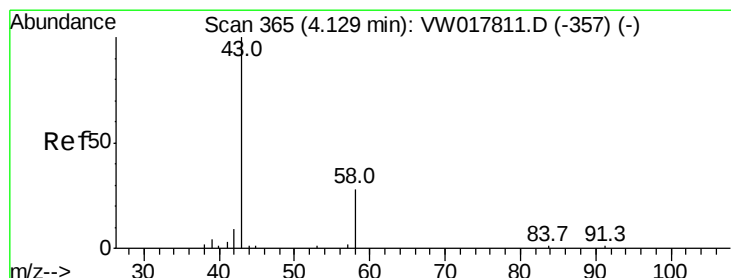
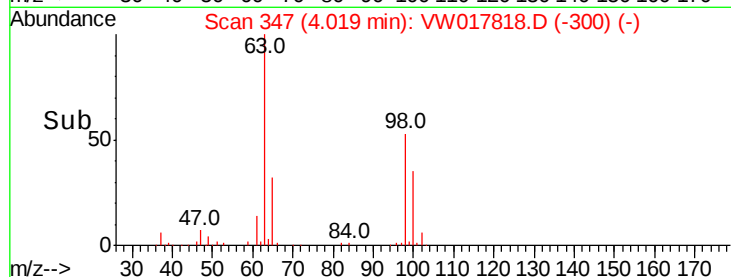
400

200

0

3.95 4.00 4.05

Time-->



#13

Acetone

Concen: 1.583 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017818.D

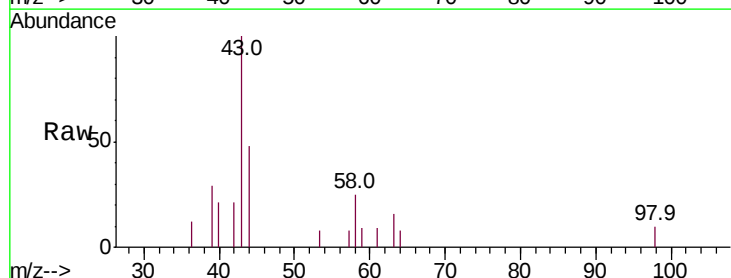
Acq: 11 Jan 2021 14:51

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 38.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

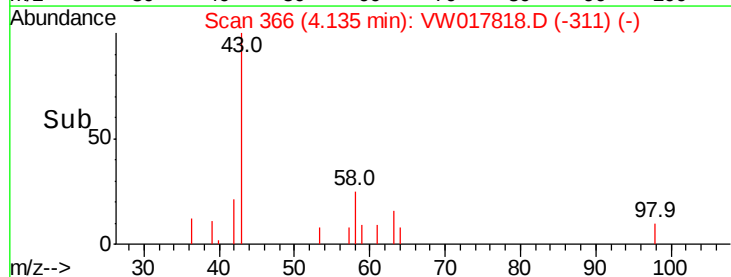
400

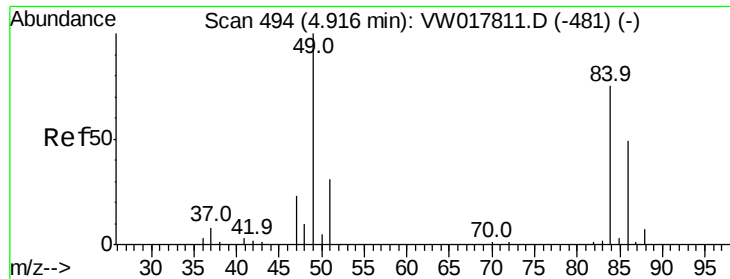
200

0

4.10 4.15

Time-->

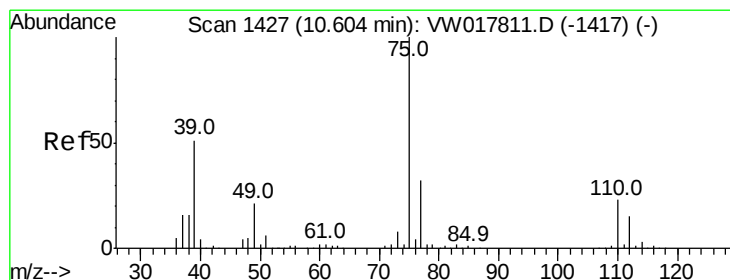
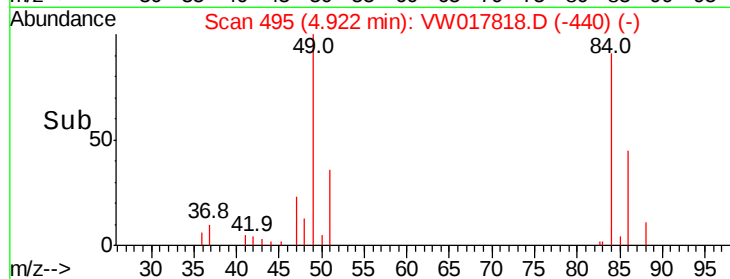
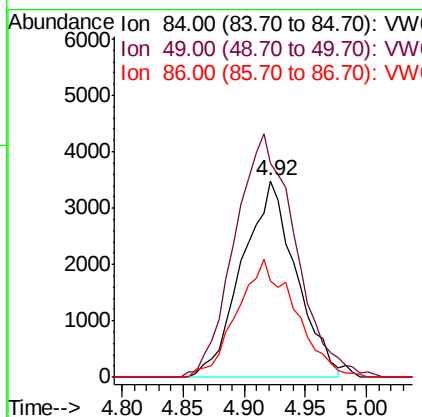
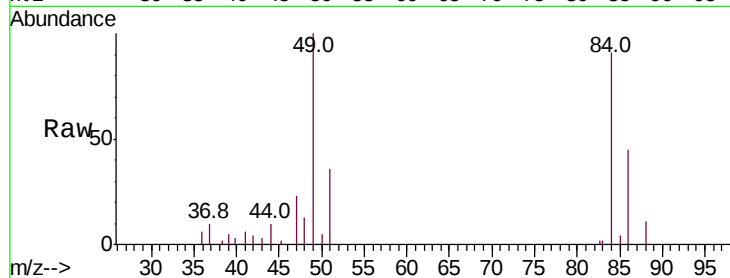




#16
Methylene chloride
Concen: 2.090 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017818.D
Acq: 11 Jan 2021 14:51

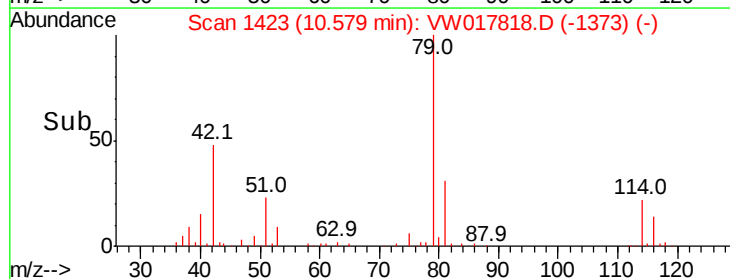
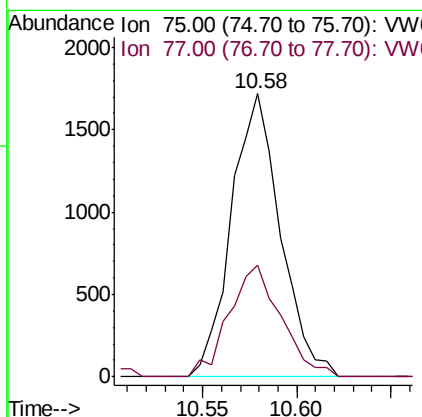
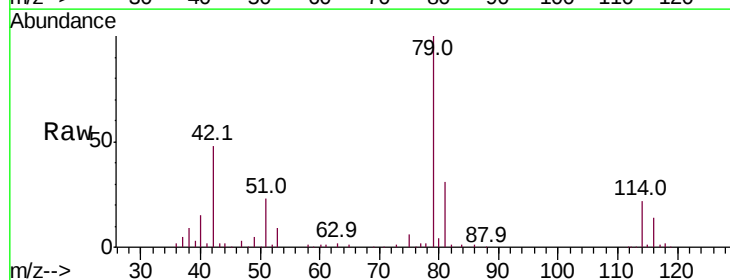
Instrument :
MSVOA_W
ClientSampled :

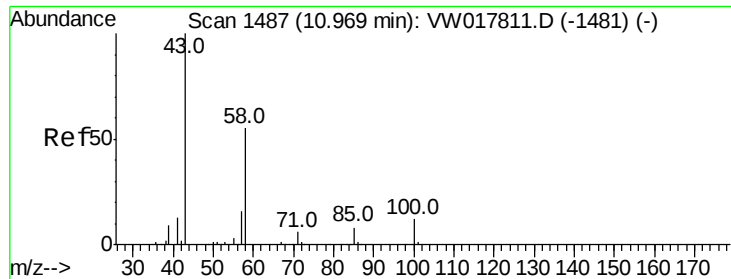
Tot Ion: 84 Resp: 10693
Ion Ratio Lower Upper
84 100
49 109.4 90.5 168.1
86 48.8 44.8 83.2



#45
trans-1,3-Dichloropropene
Concen: 0.534 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017818.D
Acq: 11 Jan 2021 14:51

Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
77 39.5 21.6 40.0





#49

2-Hexanone

Concen: 0.896 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017818.D

Acq: 11 Jan 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1319

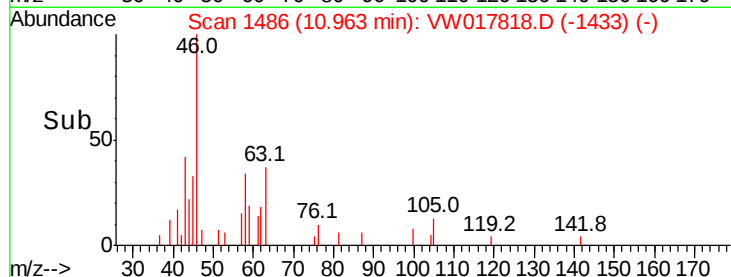
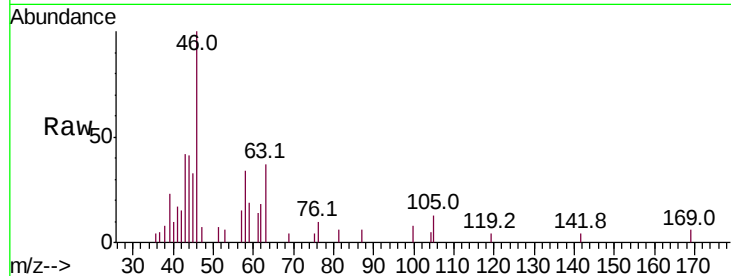
Ion Ratio Lower Upper

43 100

58 72.9 44.2 66.4#

57 13.6 16.1 24.1#

100 6.8 11.0 16.4#

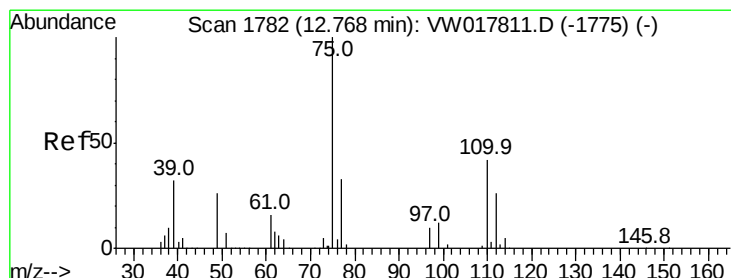
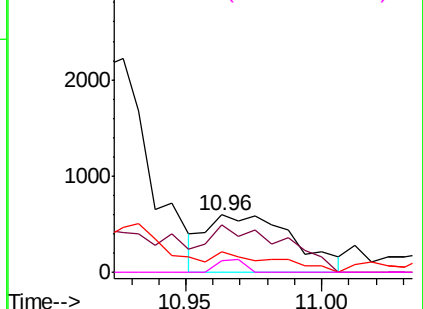


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 8.326 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017818.D

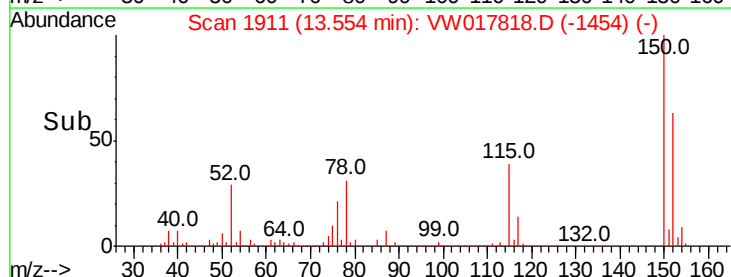
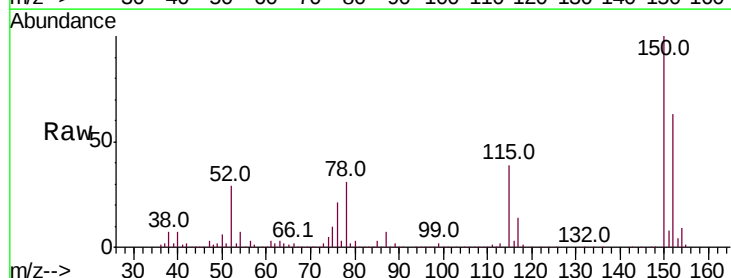
Acq: 11 Jan 2021 14:51

Tgt Ion: 75 Resp: 21692

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

