

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017744.D
 Acq On : 24 Dec 2020 18:22
 Operator : SY/VA
 Sample : VIBLK22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:49:03 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	294644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267141	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111771	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
7) Chloroethane-d5	2.89	69	99082	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
10) 1,1-Dichloroethene-d2	4.02	63	150119	18.90	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.60%
20) 2-Butanone-d5	7.07	46	50611	68.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.00%#
24) Chloroform-d	7.65	84	211631	27.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.96%
26) 1,2-Dichloroethane-d4	8.31	65	124945	31.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.40%
29) Benzene-d6	8.27	84	418909	27.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.36%
33) 1,2-Dichloropropane-d6	9.27	67	120701	29.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.40%
37) Toluene-d8	10.32	98	388076	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.40%
38) trans-1,3-Dichloropropene-	10.58	79	50604	27.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.48%
39) 2-Hexanone-d5	10.93	63	32036	61.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99300	32.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	129166	28.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.16%

Target Compounds

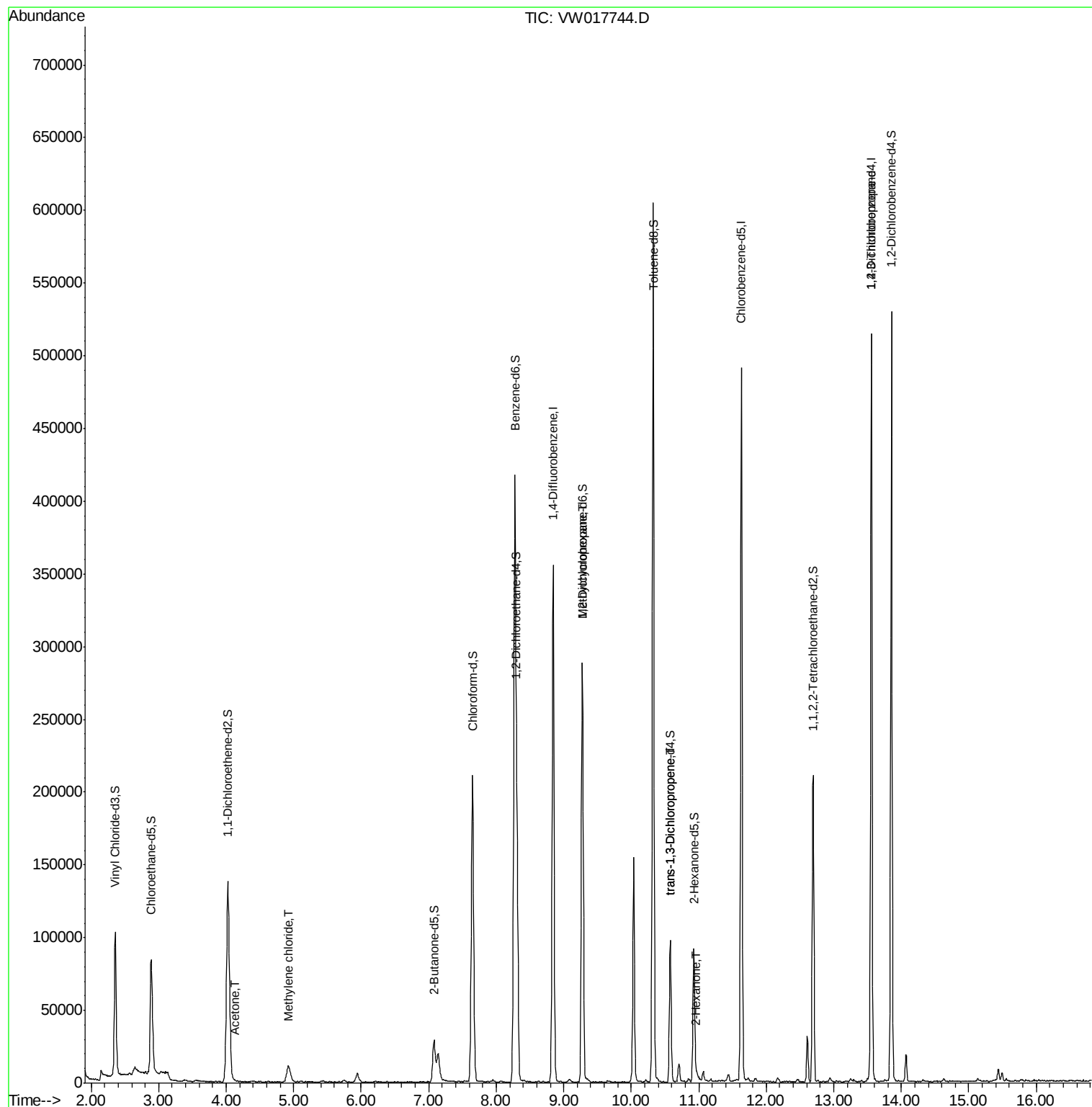
					Ovalue
13) Acetone	4.12	43	451	0.707 ug/L	99
16) Methylene chloride	4.92	84	4881	1.158 ug/L	82
36) Methylcyclohexane	9.27	83	30766	4.163 ug/L #	21
45) trans-1,3-Dichloropropene	10.58	75	3044	0.621 ug/L	96
49) 2-Hexanone	10.97	43	1094	0.880 ug/L #	79
59) 1,2,3-Trichloropropane	13.55	75	18239	8.294 ug/L	95

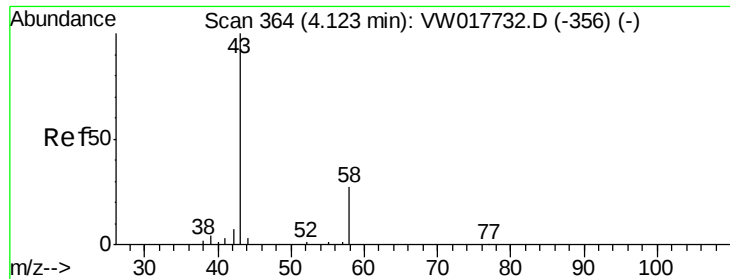
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.707 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017744.D

Acq: 24 Dec 2020 18:22

Instrument :

MSVOA_W

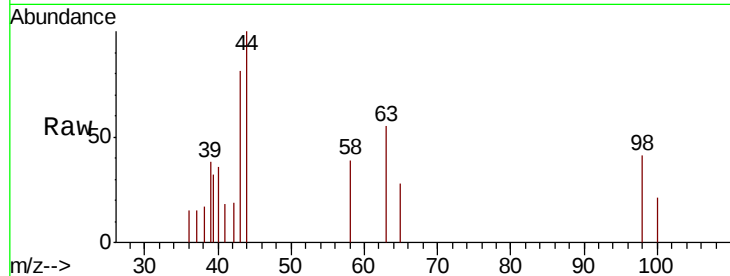
ClientSampled :

Tot Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

58 29.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

300

200

100

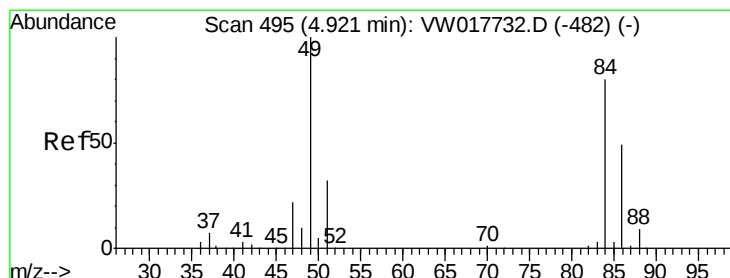
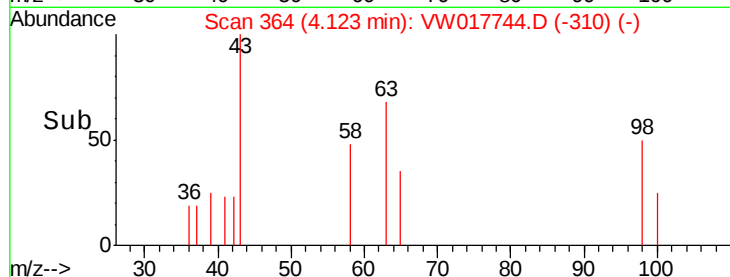
0

4.10

4.12

4.14

Time-->



#16

Methylene chloride

Concen: 1.158 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017744.D

Acq: 24 Dec 2020 18:22

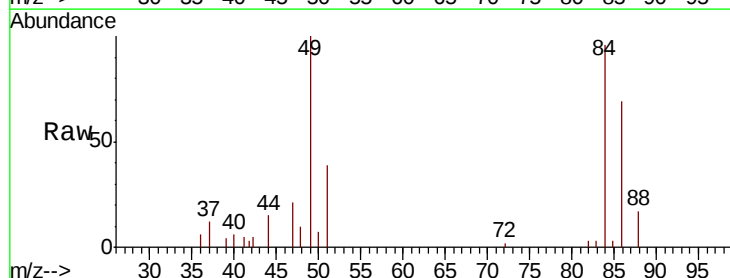
Tgt Ion: 84 Resp: 4881

Ion Ratio Lower Upper

84 100

49 104.2 90.5 168.1

86 72.1 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

4000

3000

2000

1000

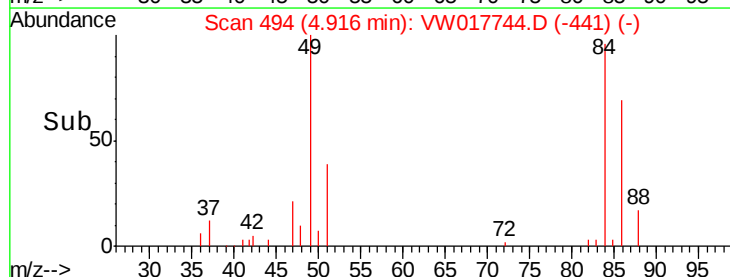
0

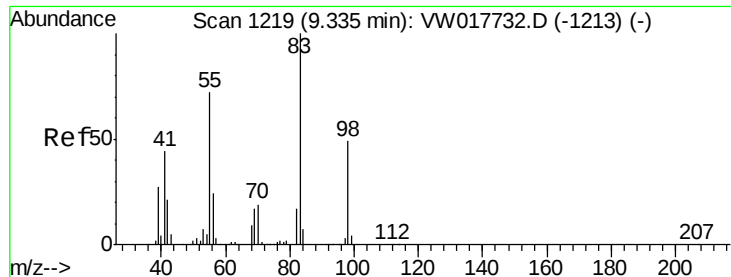
4.85

4.90

4.92

Time-->

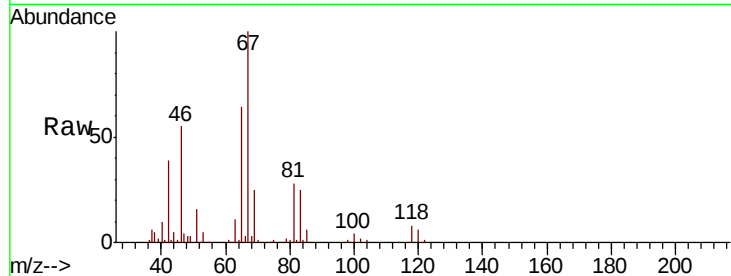




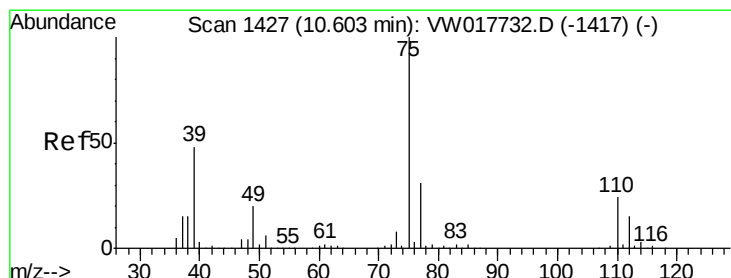
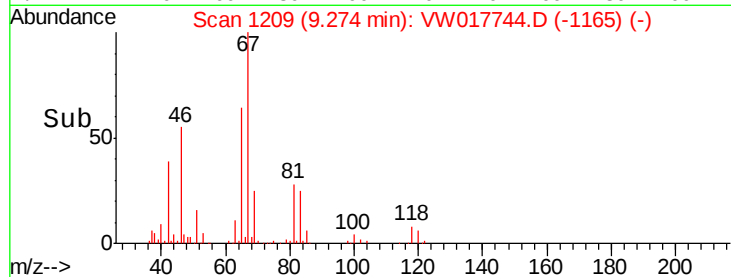
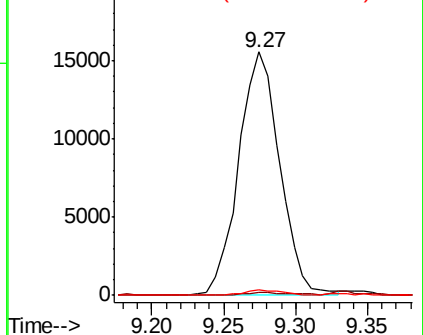
#36
Methylcyclohexane
Concen: 4.163 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017744.D
Acq: 24 Dec 2020 18:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 30766
Ion Ratio Lower Upper
83 100
55 1.0 57.6 86.4#
98 1.9 39.7 59.5#

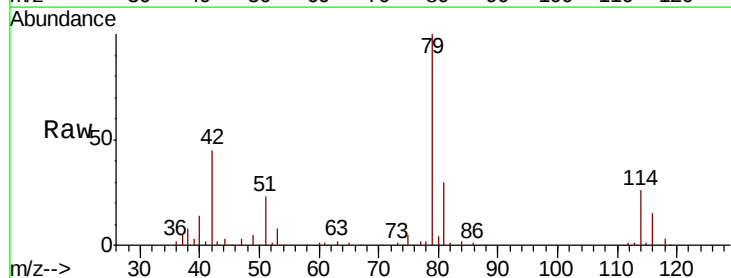


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

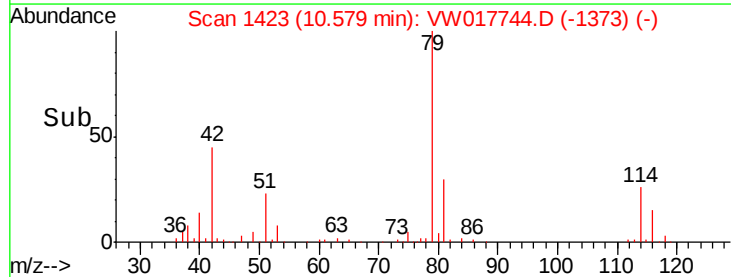
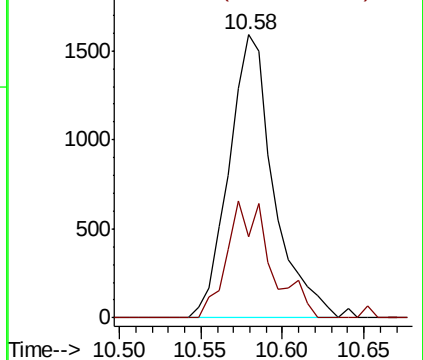


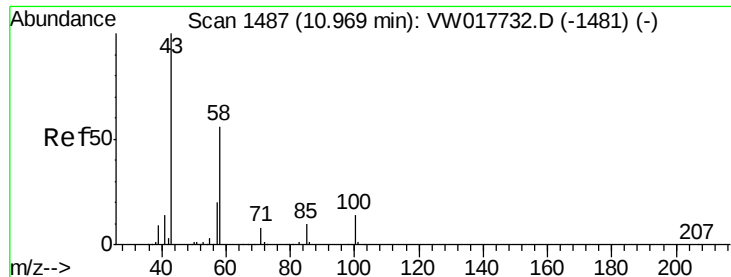
#45
trans-1,3-Dichloropropene
Concen: 0.621 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017744.D
Acq: 24 Dec 2020 18:22

Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
77 28.8 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 0.880 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017744.D

Acq: 24 Dec 2020 18:22

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1094

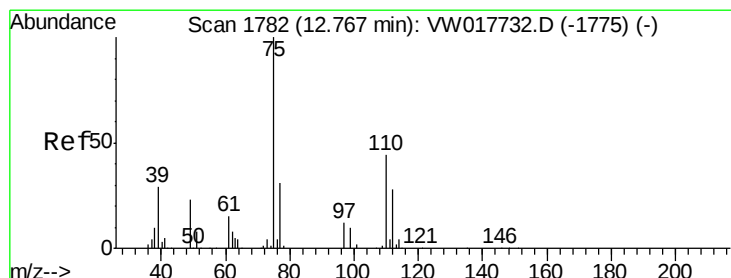
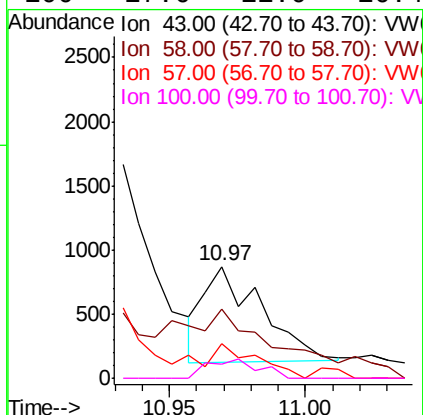
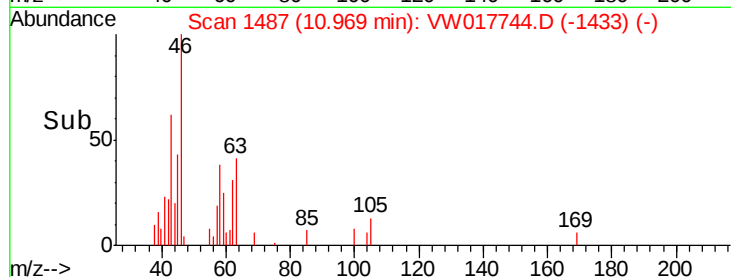
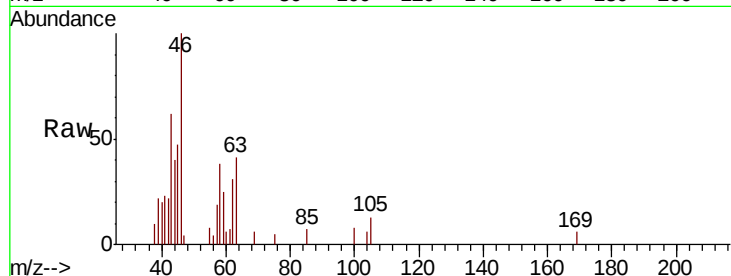
Ion Ratio Lower Upper

43 100

58 75.0 44.2 66.4#

57 26.4 16.1 24.1#

100 17.6 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 8.294 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017744.D

Acq: 24 Dec 2020 18:22

Tgt Ion: 75 Resp: 18239

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

