

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017504.D
 Acq On : 25 Nov 2020 15:27
 Operator : SY/VA
 Sample : L4861-13
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195159	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131531	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
7) Chloroethane-d5	2.89	69	104814	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.03	63	219835	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.08	46	60345	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.04%
24) Chloroform-d	7.65	84	284654	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	150948	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
29) Benzene-d6	8.27	84	575268	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	162408	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	527040	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	69763	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.04%
39) 2-Hexanone-d5	10.93	63	42173	51.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119999	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	185223	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds

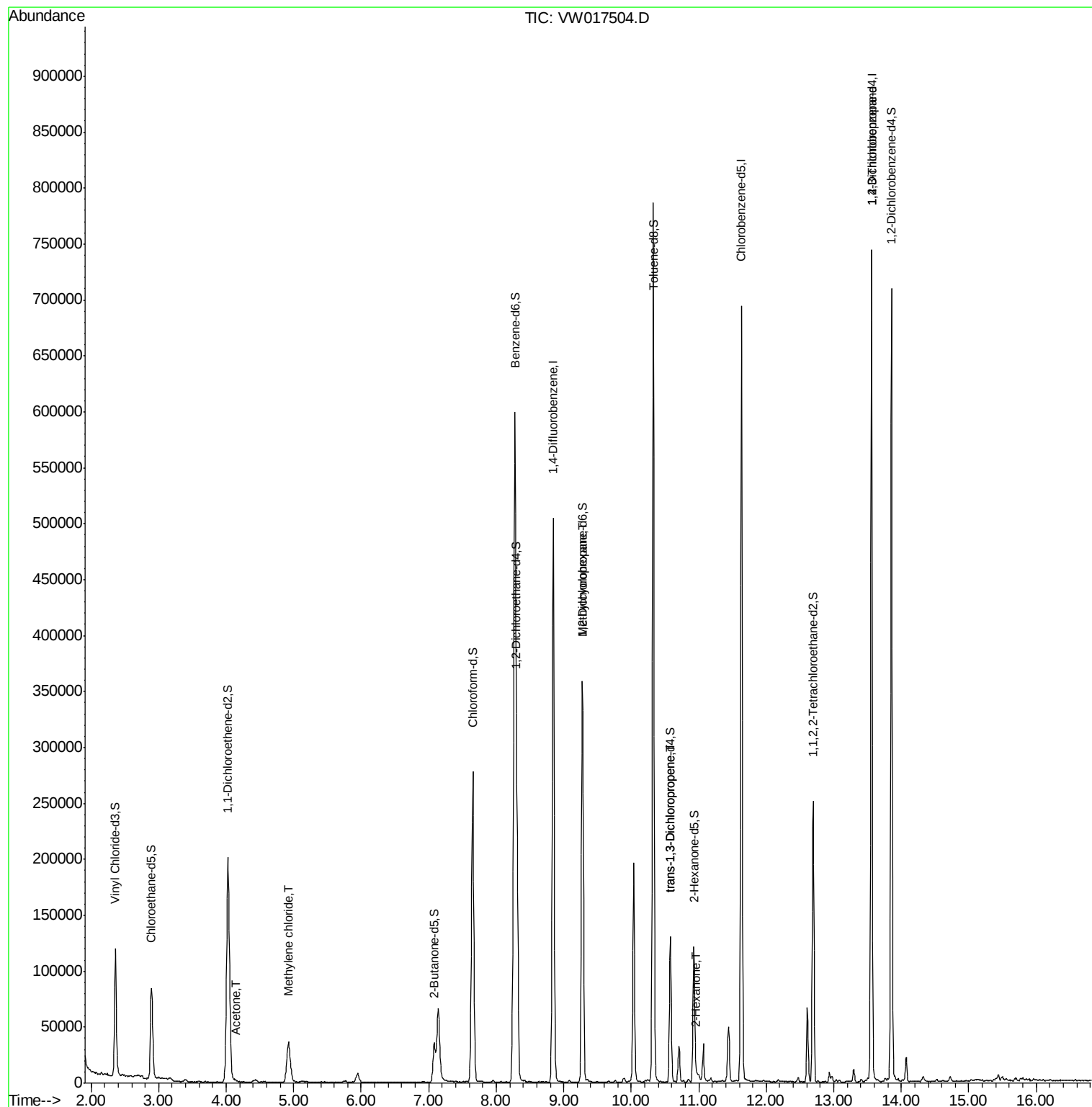
					Ovalue
13) Acetone	4.14	43	2039	1.774 ug/L	68
16) Methylene chloride	4.92	84	31570	4.884 ug/L	92
36) Methylcyclohexane	9.27	83	42029	3.908 ug/L #	20
45) trans-1,3-Dichloropropene	10.58	75	3311	0.453 ug/L #	62
49) 2-Hexanone	10.97	43	776	0.433 ug/L #	40
59) 1,2,3-Trichloropropane	13.55	75	22525	6.868 ug/L	99

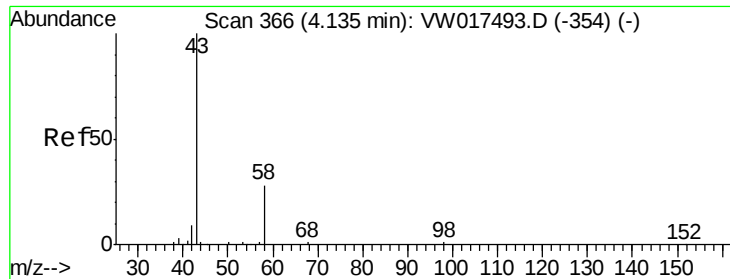
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 26 07:23:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.774 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017504.D

Acq: 25 Nov 2020 15:27

Instrument :

MSVOA_W

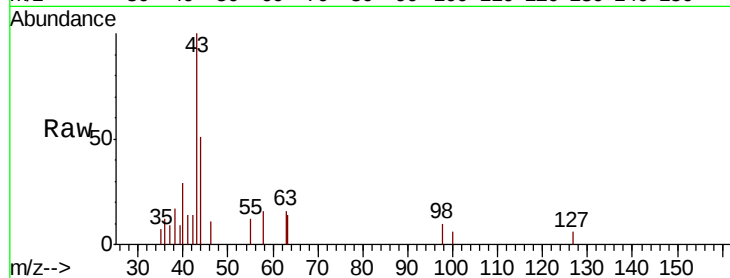
ClientSampled :

Tot Ion: 43 Resp: 2039

Ion Ratio Lower Upper

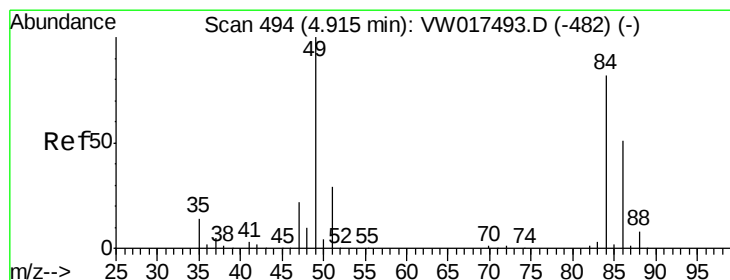
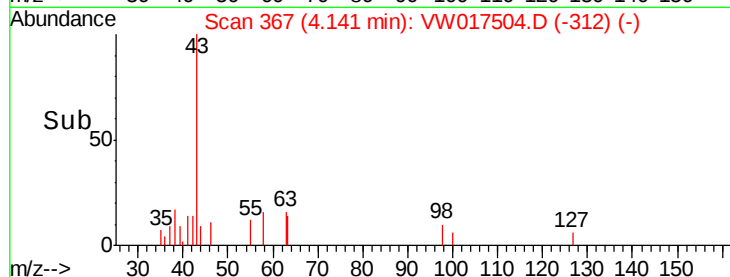
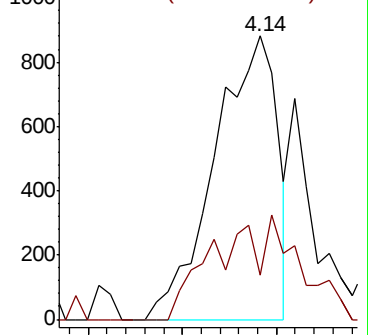
43 100

58 15.5 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.884 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017504.D

Acq: 25 Nov 2020 15:27

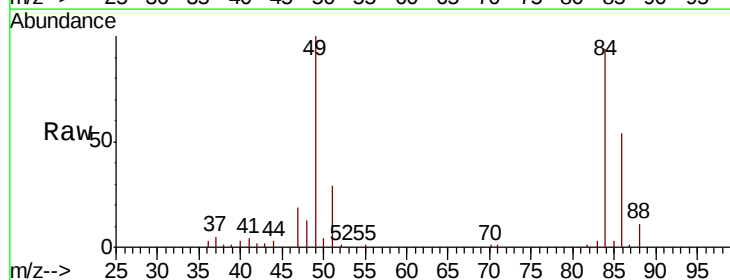
Tgt Ion: 84 Resp: 31570

Ion Ratio Lower Upper

84 100

49 106.8 81.2 150.8

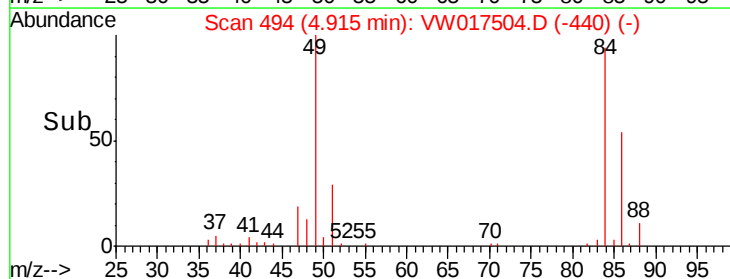
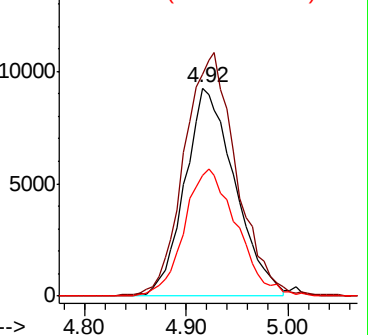
86 57.9 44.5 82.7

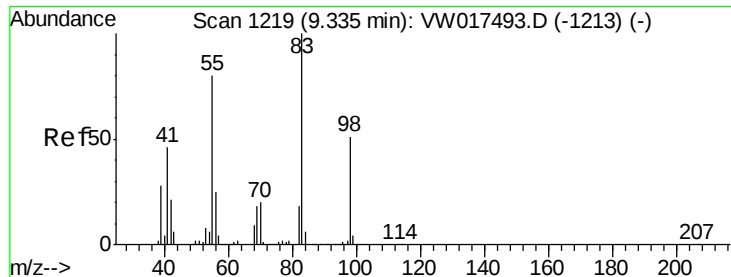


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

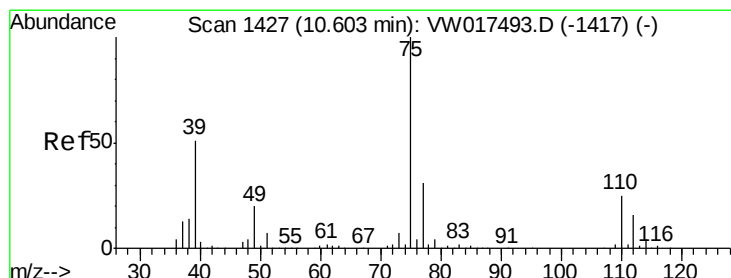
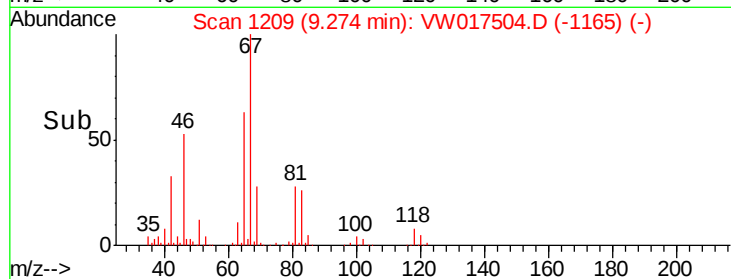
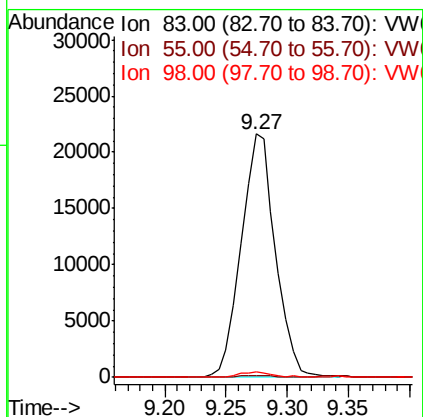
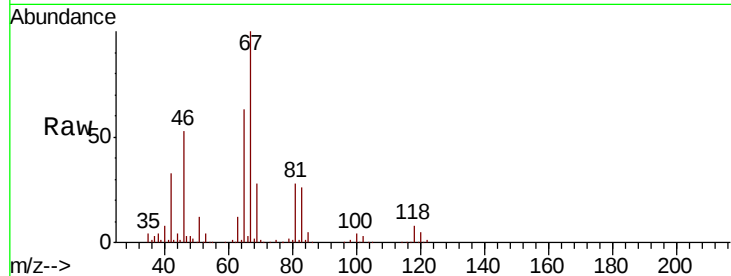




#36
Methylcyclohexane
Concen: 3.908 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017504.D
Acq: 25 Nov 2020 15:27

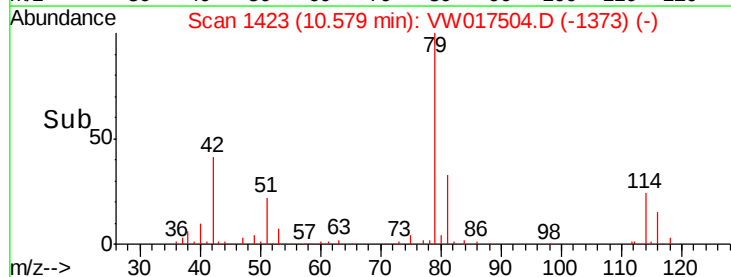
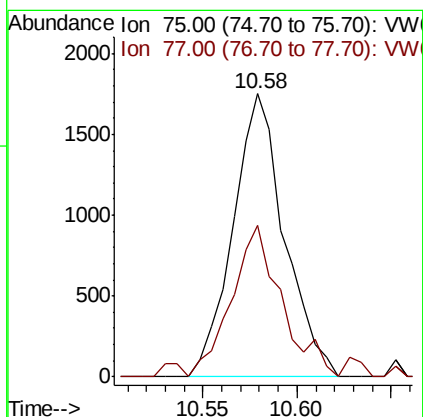
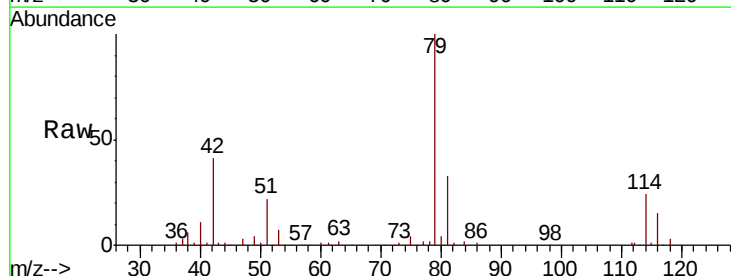
Instrument :
MSVOA_W
ClientSampled :

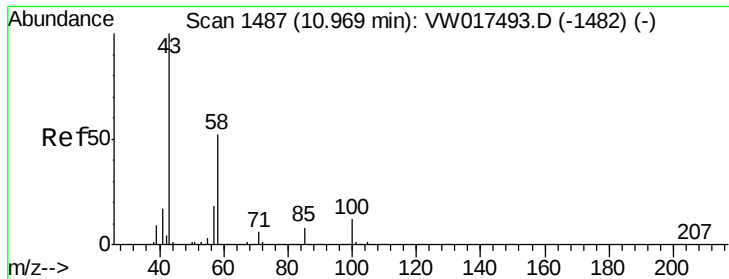
Tot Ion: 83 Resp: 42029
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.9 40.7 61.1#



#45
trans-1,3-Dichloropropene
Concen: 0.453 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017504.D
Acq: 25 Nov 2020 15:27

Tgt Ion: 75 Resp: 3311
Ion Ratio Lower Upper
75 100
77 53.6 22.6 42.0#





#49

2-Hexanone

Concen: 0.433 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017504.D

Acq: 25 Nov 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 776

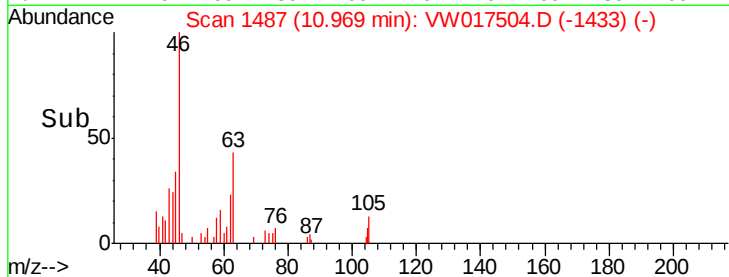
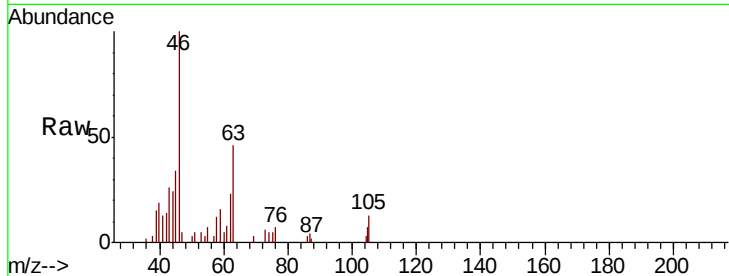
Ion Ratio Lower Upper

43 100

58 0.0 51.3 76.9#

57 7.2 15.0 22.6#

100 10.4 12.2 18.2#

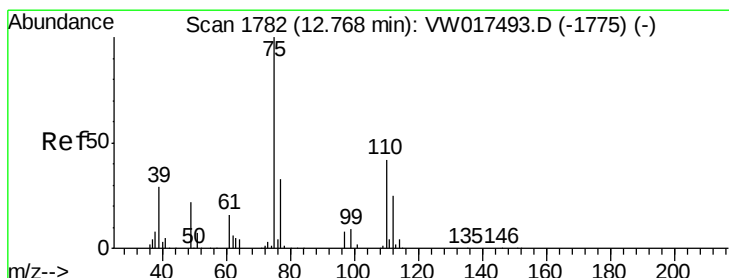
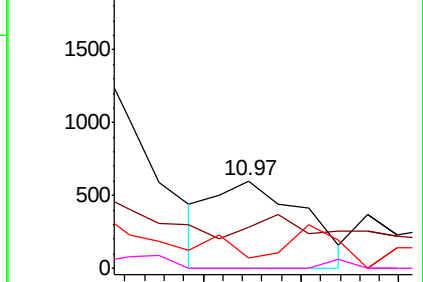


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 6.868 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017504.D

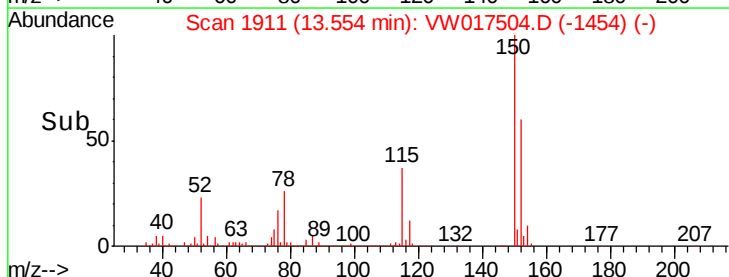
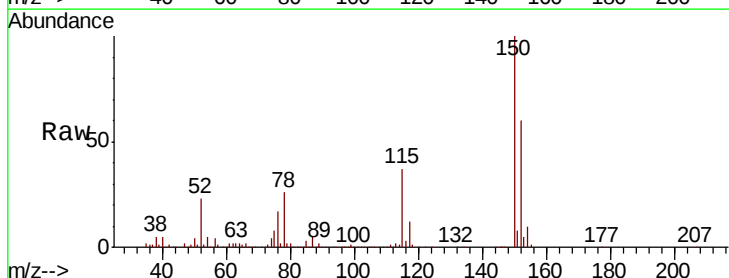
Acq: 25 Nov 2020 15:27

Tgt Ion: 75 Resp: 22525

Ion Ratio Lower Upper

75 100

77 33.9 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

