

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052820\
 Data File : VW015517.D
 Acq On : 28 May 2020 14:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 03:25:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 03:23:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341732	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94178	30.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.28%
7) Chloroethane-d5	2.90	69	89376	28.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.80%
10) 1,1-Dichloroethene-d2	4.01	63	145645	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.36%
20) 2-Butanone-d5	7.08	46	54536	53.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.68%
24) Chloroform-d	7.65	84	193438	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	115514	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.08%
29) Benzene-d6	8.27	84	390451	25.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.16%
33) 1,2-Dichloropropane-d6	9.27	67	117091	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	369937	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.56%
38) trans-1,3-Dichloropropene-	10.58	79	48024	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
39) 2-Hexanone-d5	10.93	63	42181	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88177	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	122119	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

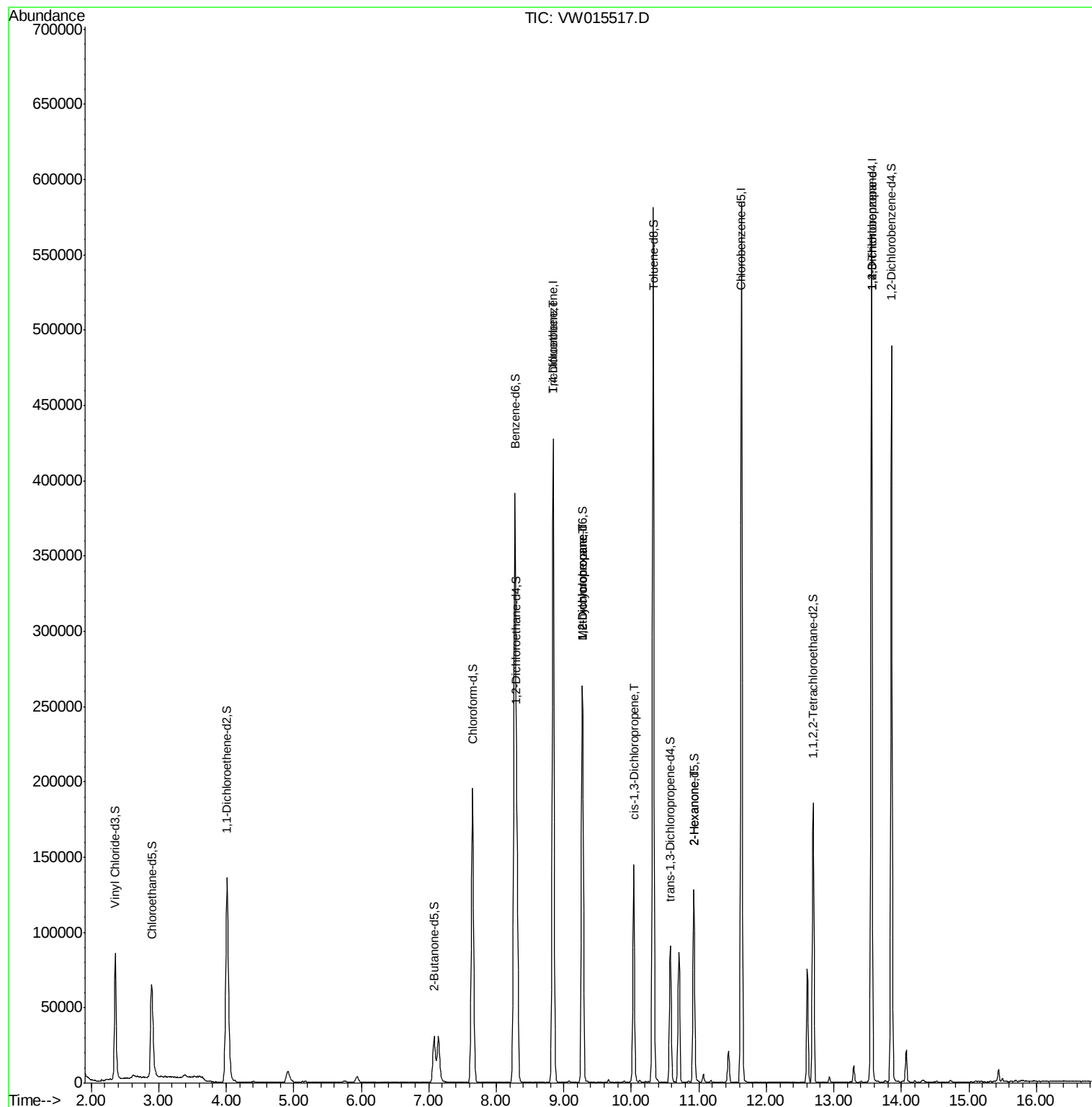
					Ovalue
35) Trichloroethene	8.84	95	10506	2.266 ug/L #	5
36) Methylcyclohexane	9.27	83	29113	3.521 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	14582	3.430 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3775	0.555 ug/L #	78
49) 2-Hexanone	10.93	43	5671	3.372 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	18228	6.982 ug/L	89

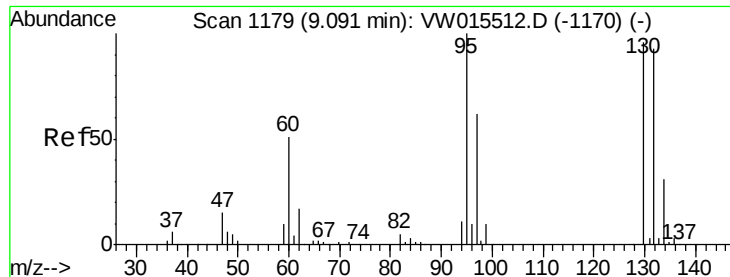
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 29 03:23:16 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.266 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015517.D

Acq: 28 May 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10506

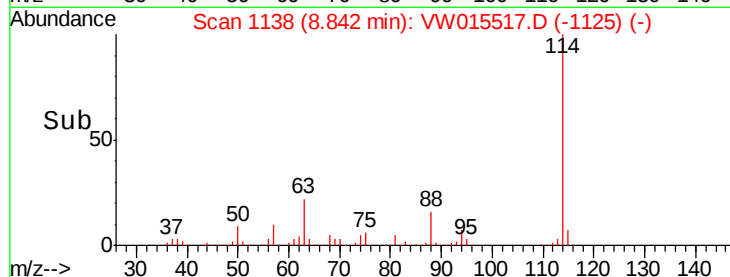
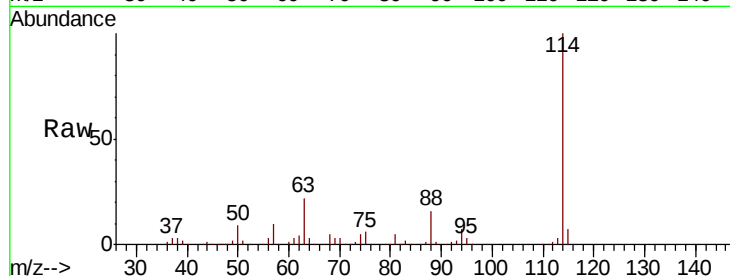
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

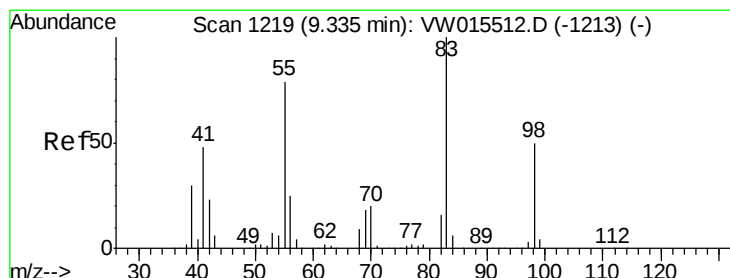
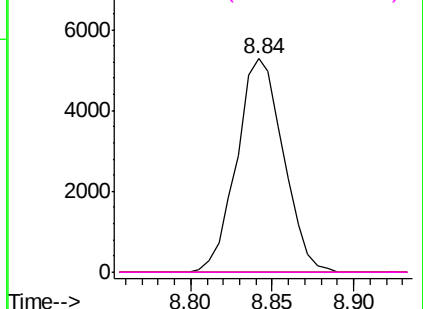


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.521 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015517.D

Acq: 28 May 2020 14:52

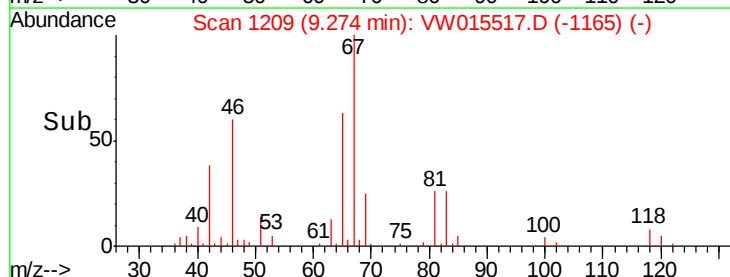
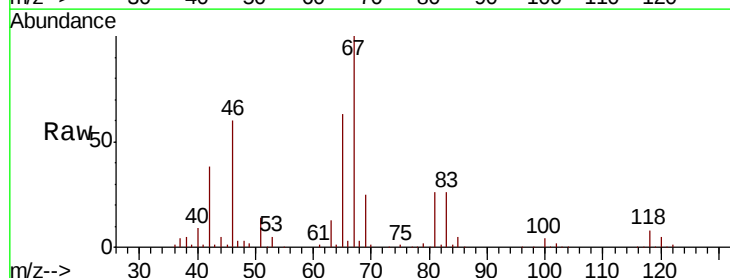
Tgt Ion: 83 Resp: 29113

Ion Ratio Lower Upper

83 100

55 0.6 62.8 94.2#

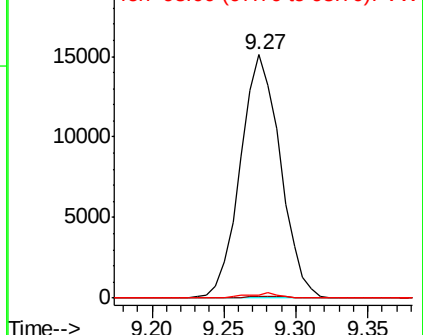
98 1.7 39.2 58.8#

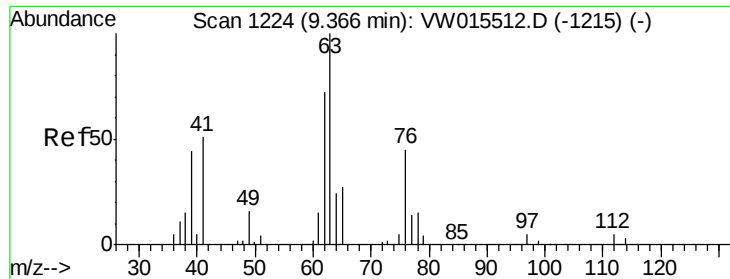


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

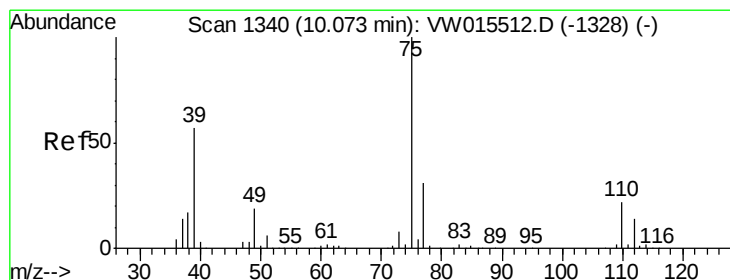
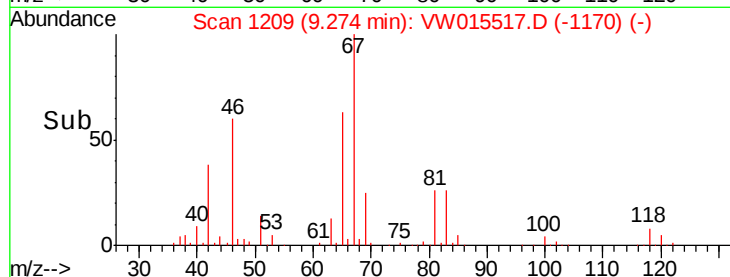
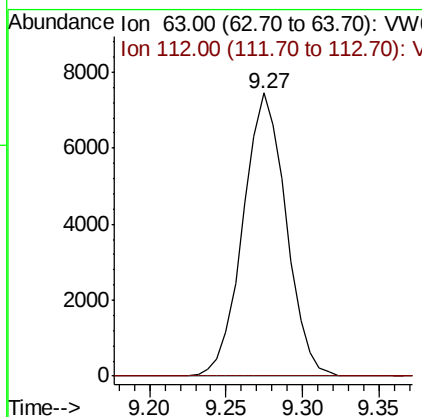
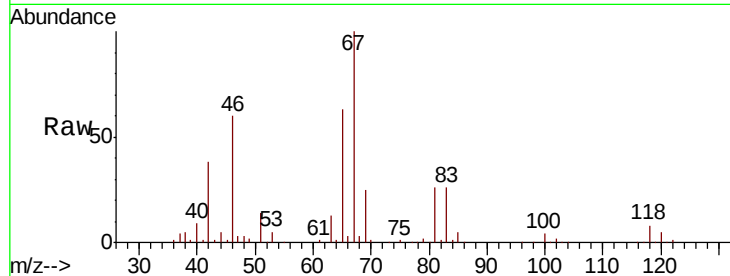




#40
 1,2-Dichloropropane
 Concen: 3.430 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW015517.D
 Acq: 28 May 2020 14:52

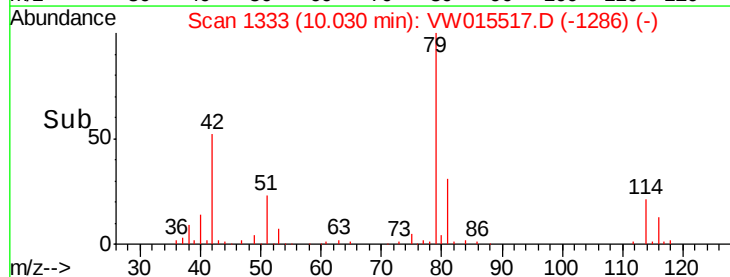
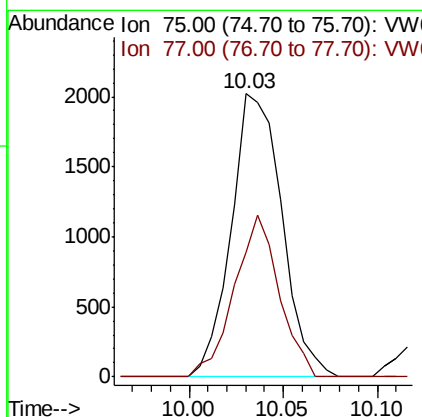
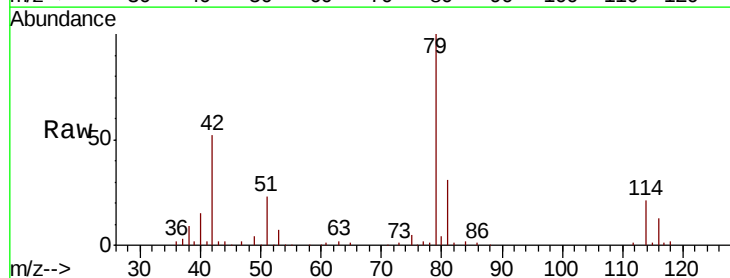
Instrument :
 MSVOA_W
 ClientSampled :

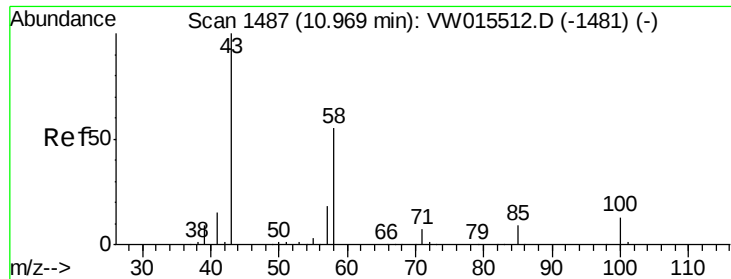
Tot Ion: 63 Resp: 14582
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.555 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW015517.D
 Acq: 28 May 2020 14:52

Tgt Ion: 75 Resp: 3775
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.3 41.5#





#49

2-Hexanone

Concen: 3.372 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015517.D

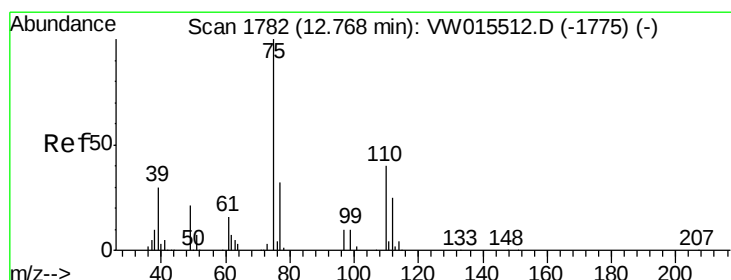
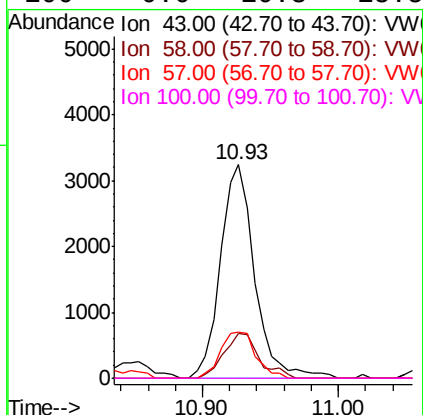
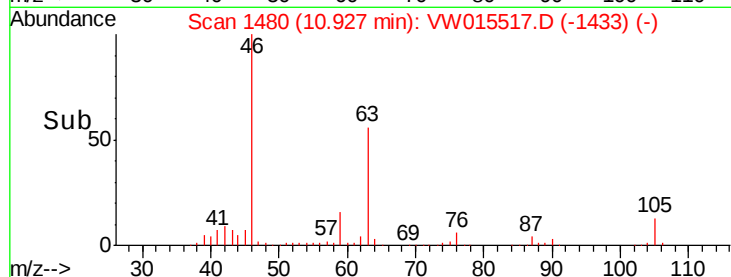
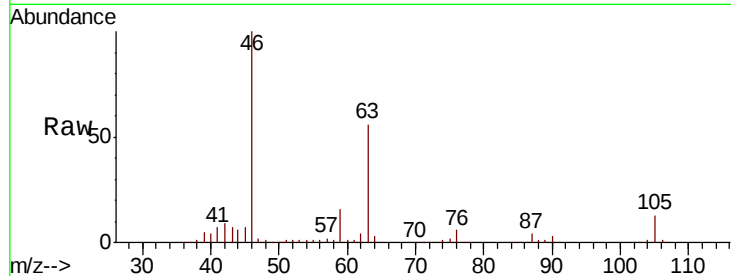
Acq: 28 May 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	5671
Ion	Ratio	Lower	Upper
43	100		
58	20.2	42.6	64.0#
57	22.4	15.5	23.3
100	0.0	10.3	15.5#



#59

1,2,3-Trichloropropane

Concen: 6.982 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015517.D

Acq: 28 May 2020 14:52

Tgt Ion:	75	Resp:	18228
Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.9	38.9

