

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015556.D
 Acq On : 08 Jun 2020 14:27
 Operator : SY/VA
 Sample : L2754-13
 Misc : 3.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	156644	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	27464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126566	47.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	190.28%#
7) Chloroethane-d5	2.90	69	99011	37.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	149.68%
10) 1,1-Dichloroethene-d2	4.01	63	174822	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.88%
20) 2-Butanone-d5	7.09	46	52619	60.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.16%
24) Chloroform-d	7.65	84	201047	29.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.80%
26) 1,2-Dichloroethane-d4	8.31	65	111939	29.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.88%
29) Benzene-d6	8.28	84	398676	51.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	207.60%#
33) 1,2-Dichloropropane-d6	9.27	67	113293	48.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	194.12%#
37) Toluene-d8	10.33	98	297968	39.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	159.60%#
38) trans-1,3-Dichloropropene-	10.58	79	39537	36.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	146.44%#
39) 2-Hexanone-d5	10.93	63	29554	73.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.24%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44540	25.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	20554	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds

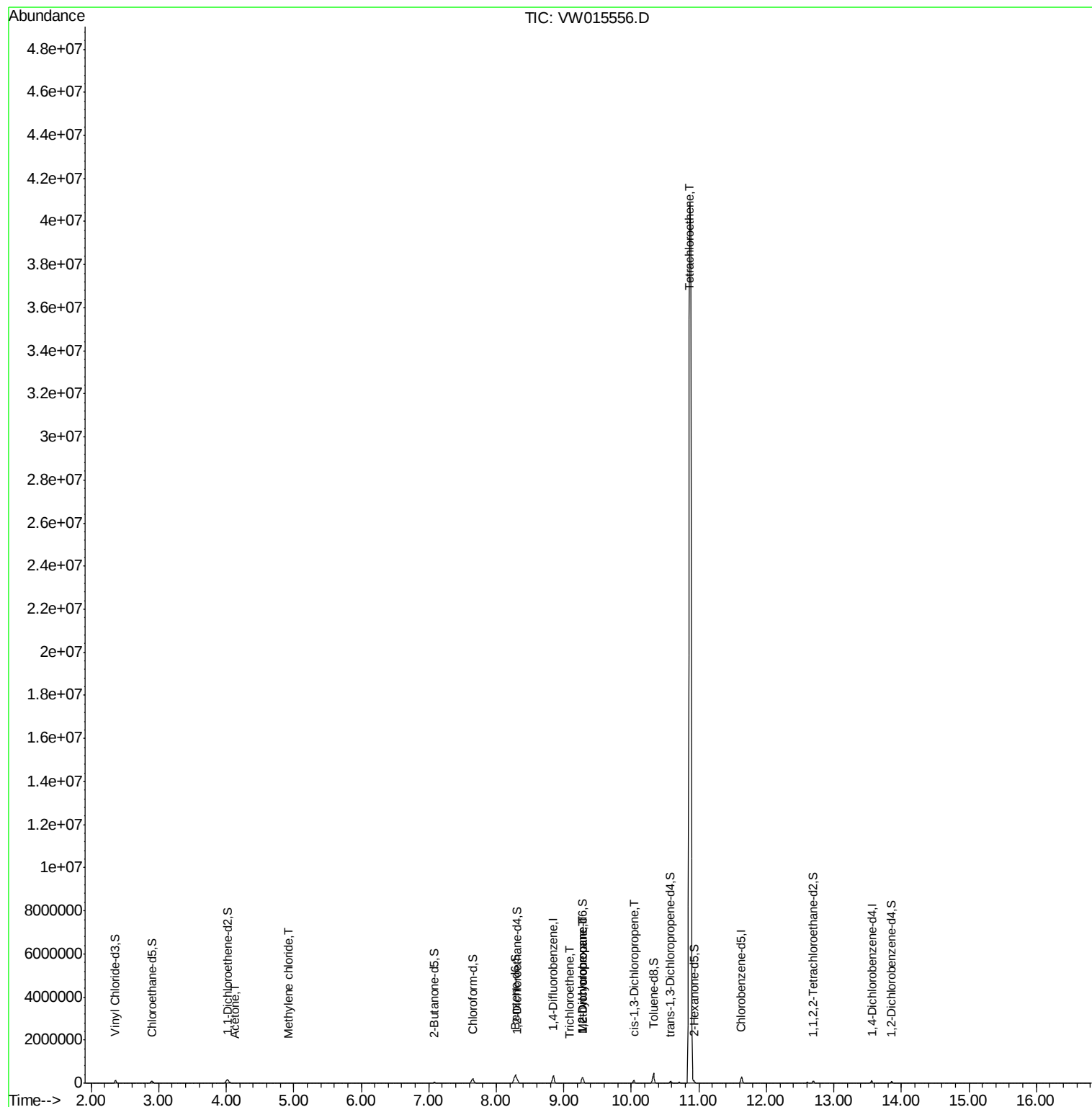
					Ovalue
13) Acetone	4.12	43	2294	3.416 ug/L	91
16) Methylene chloride	4.92	84	8609	2.416 ug/L	94
35) Trichloroethene	9.09	95	1655	0.703 ug/L	92
36) Methylcyclohexane	9.27	83	28251	6.732 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	14113	6.542 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3400	0.985 ug/L #	70
47) Tetrachloroethene	10.87	164	6844430	3669.431 ug/L	92

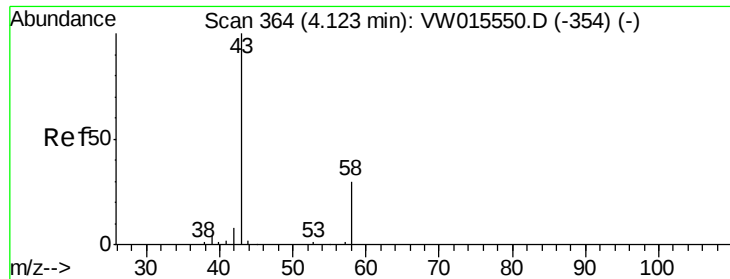
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.416 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015556.D

Acq: 08 Jun 2020 14:27

Instrument :

MSVOA_W

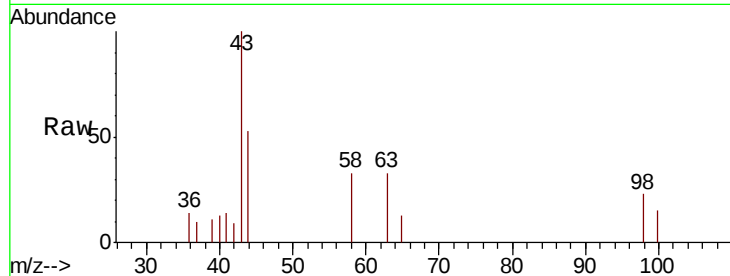
ClientSampleId :

Tot Ion: 43 Resp: 2294

Ion Ratio Lower Upper

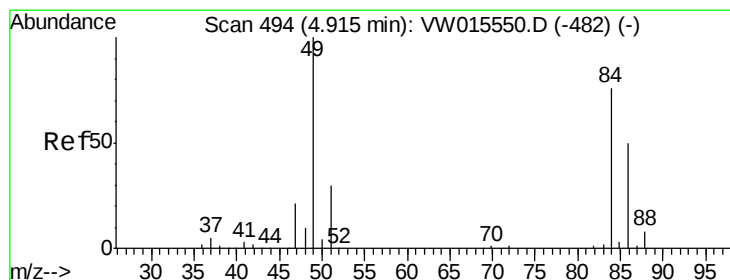
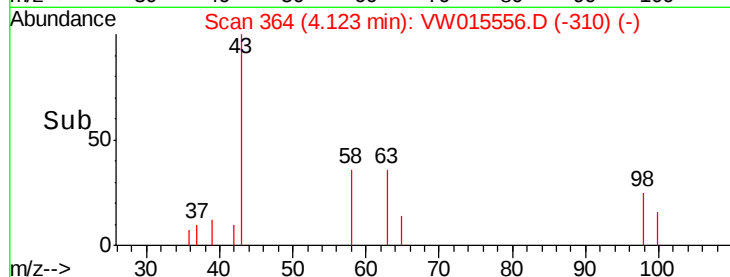
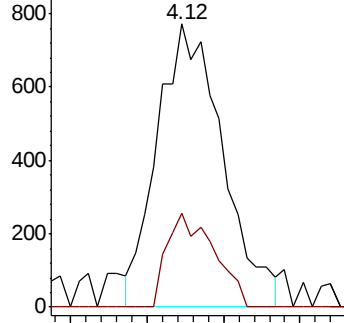
43 100

58 23.8 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.416 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015556.D

Acq: 08 Jun 2020 14:27

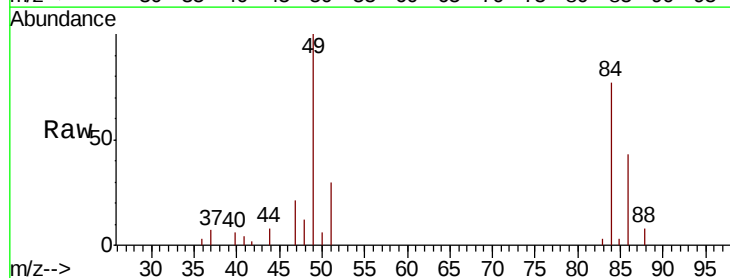
Tgt Ion: 84 Resp: 8609

Ion Ratio Lower Upper

84 100

49 129.3 93.0 172.8

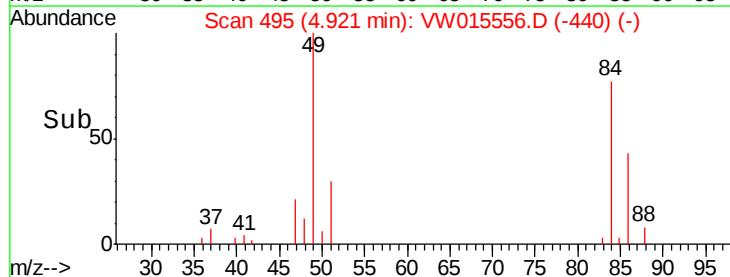
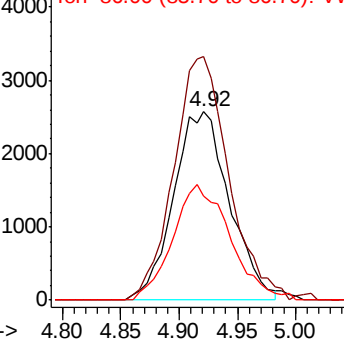
86 55.2 44.7 83.1

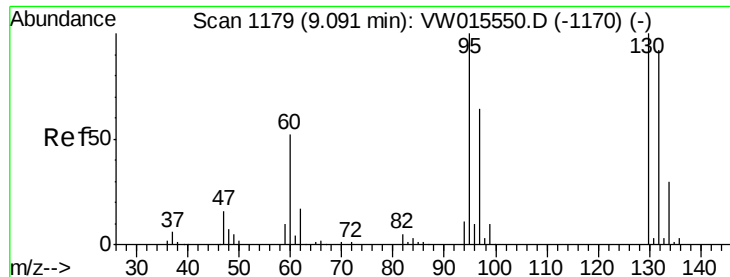


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 0.703 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015556.D

Acq: 08 Jun 2020 14:27

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1655

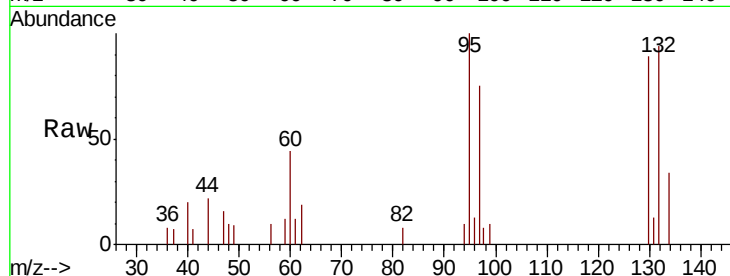
Ion Ratio Lower Upper

95 100

97 68.5 45.4 84.2

132 105.9 67.1 124.7

130 106.3 69.4 128.8

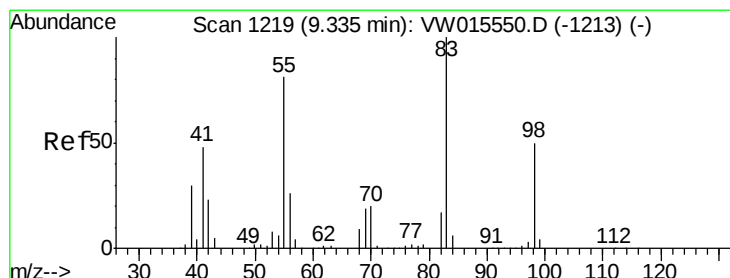
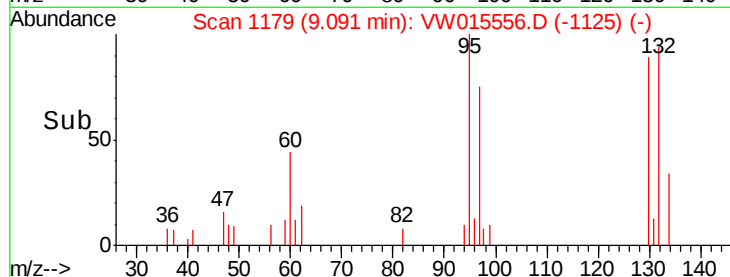
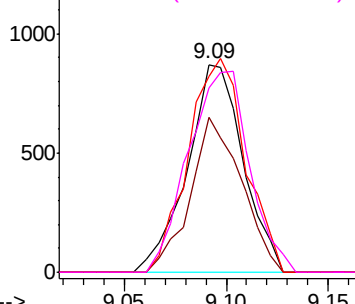


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 6.732 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015556.D

Acq: 08 Jun 2020 14:27

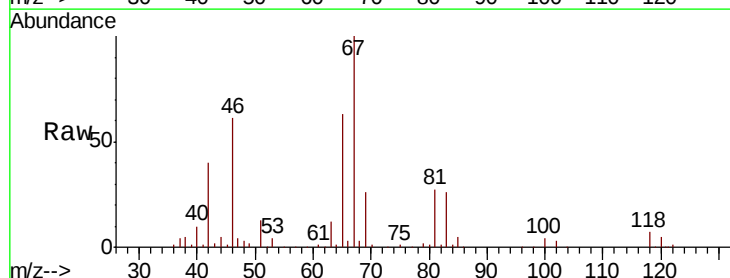
Tgt Ion: 83 Resp: 28251

Ion Ratio Lower Upper

83 100

55 0.7 62.8 94.2#

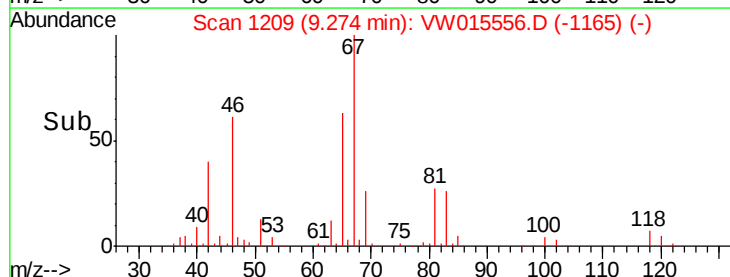
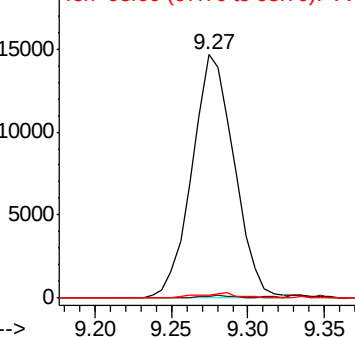
98 1.9 39.2 58.8#

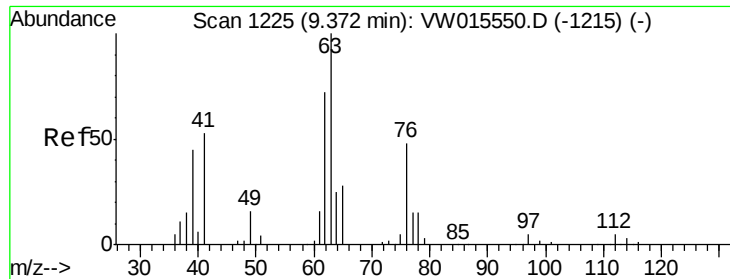


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

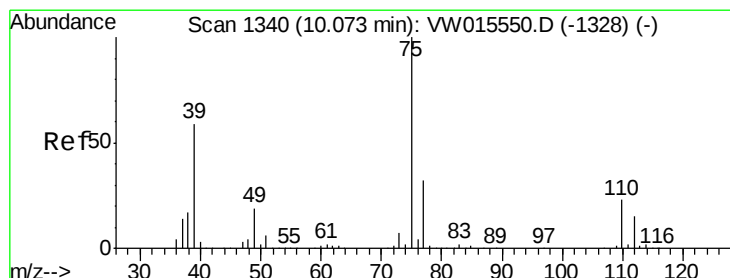
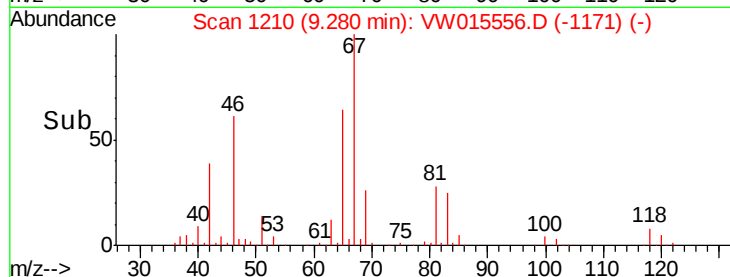
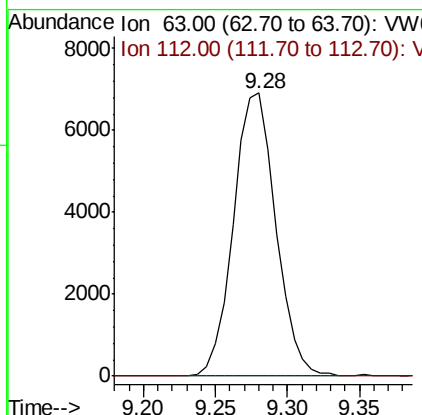
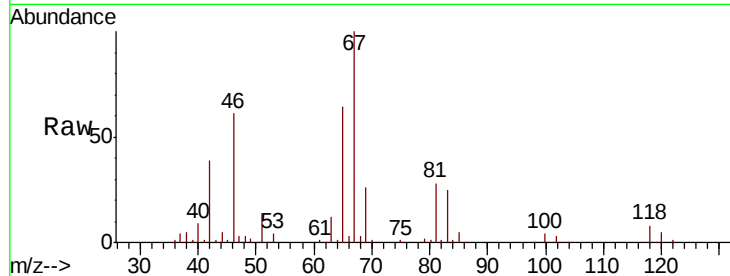




#40
 1,2-Dichloropropane
 Concen: 6.542 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015556.D
 Acq: 08 Jun 2020 14:27

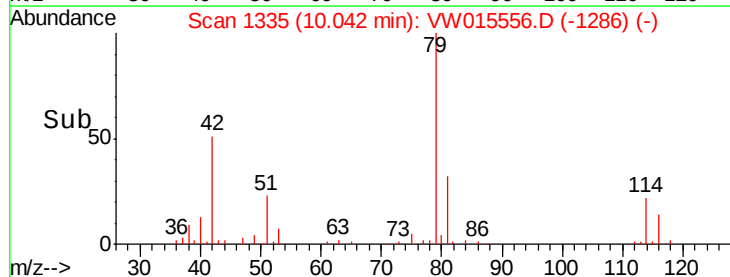
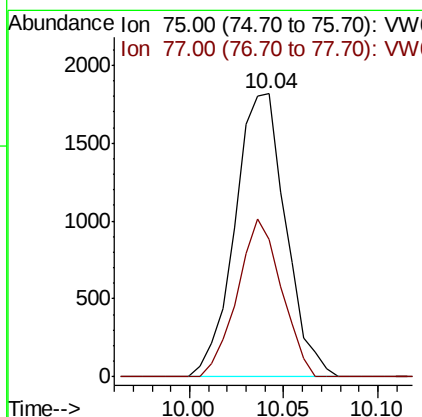
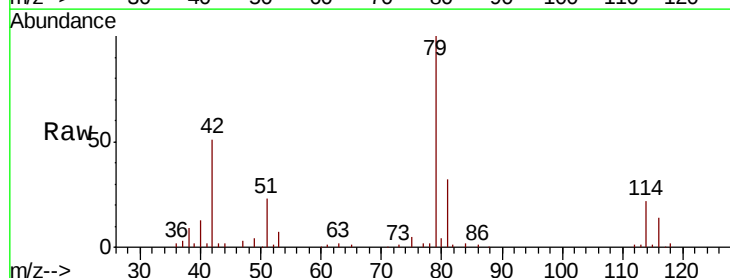
Instrument :
 MSVOA_W
 ClientSampleId :

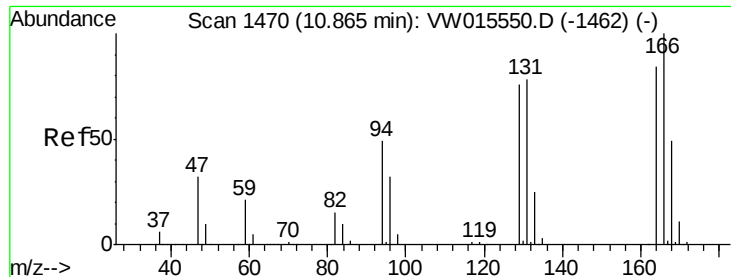
Tot Ion: 63 Resp: 14113
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.985 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW015556.D
 Acq: 08 Jun 2020 14:27

Tgt Ion: 75 Resp: 3400
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.3 41.5#





#47

Tetrachloroethene

Concen: 3669.431 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015556.D

Acq: 08 Jun 2020 14:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 6844430

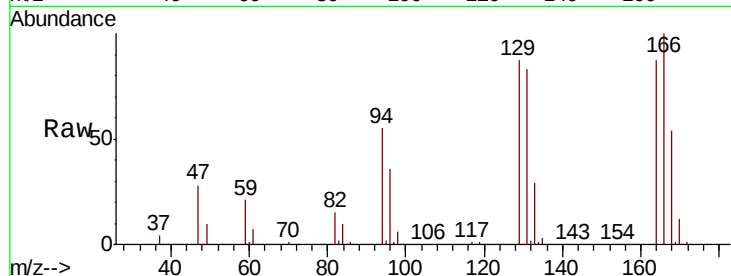
Ion Ratio Lower Upper

164 100

129 100.2 66.3 123.1

131 96.2 65.1 120.9

166 115.4 90.8 168.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

