

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015561.D
 Acq On : 08 Jun 2020 17:10
 Operator : SY/VA
 Sample : L2848-13RE
 Misc : 4.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:05:09 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	258967	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	142965	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26126	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109176	46.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	184.00%#
7) Chloroethane-d5	2.89	69	84161	35.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.64%
10) 1,1-Dichloroethene-d2	4.01	63	141940	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.20%
20) 2-Butanone-d5	7.08	46	42613	55.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.00%
24) Chloroform-d	7.65	84	168679	28.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.68%
26) 1,2-Dichloroethane-d4	8.31	65	95710	28.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.92%
29) Benzene-d6	8.27	84	326661	46.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	186.36%#
33) 1,2-Dichloropropane-d6	9.27	67	94201	44.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	176.84%#
37) Toluene-d8	10.32	98	239960	35.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	140.80%#
38) trans-1,3-Dichloropropene-	10.58	79	32829	33.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	133.24%
39) 2-Hexanone-d5	10.93	63	25708	69.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.38%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40931	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	18594	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds

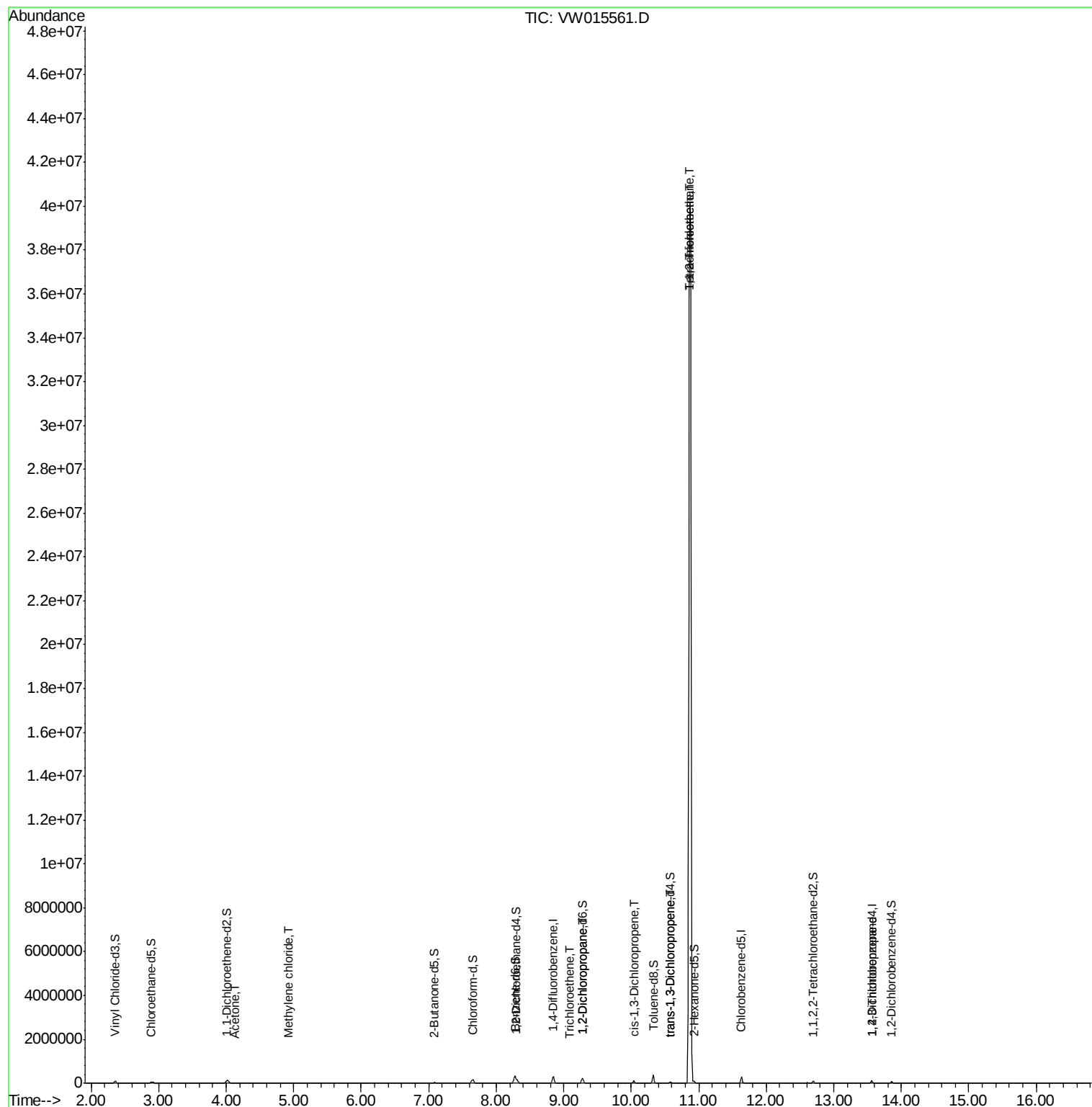
					Ovalue
13) Acetone	4.14	43	2594	4.331 ug/L	90
16) Methylene chloride	4.92	84	11604	3.651 ug/L	97
35) Trichloroethene	9.09	95	1338	0.623 ug/L	96
40) 1,2-Dichloropropane	9.27	63	11731	5.958 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3127	0.992 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	1651	0.602 ug/L #	10
46) 1,1,2-Trichloroethane	10.87	97	112725	81.837 ug/L #	1
47) Tetrachloroethene	10.87	164	11488276	6748.393 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	3468	2.868 ug/L	91

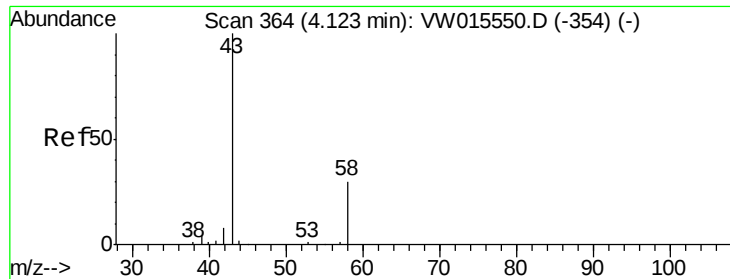
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 02:02:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.331 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015561.D

Acq: 08 Jun 2020 17:10

Instrument :

MSVOA_W

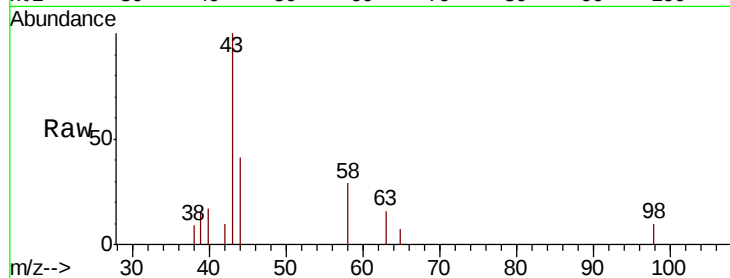
ClientSampleId :

Tot Ion: 43 Resp: 2594

Ion Ratio Lower Upper

43 100

58 23.0 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

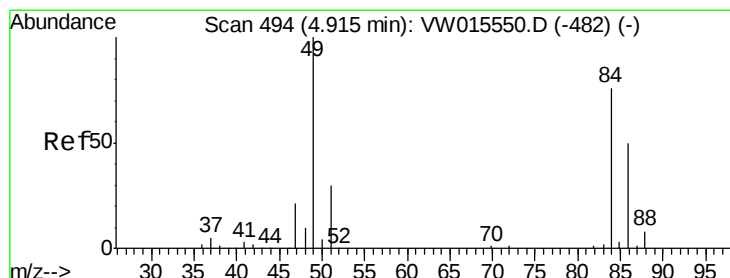
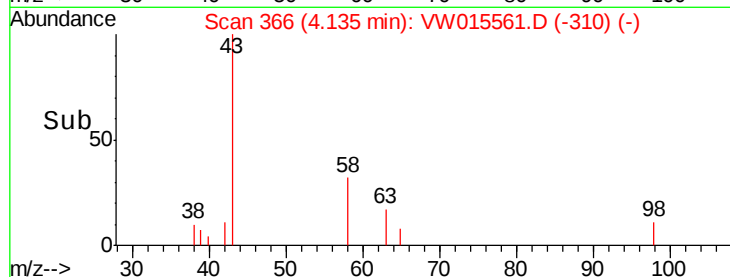
600

400

200

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 3.651 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015561.D

Acq: 08 Jun 2020 17:10

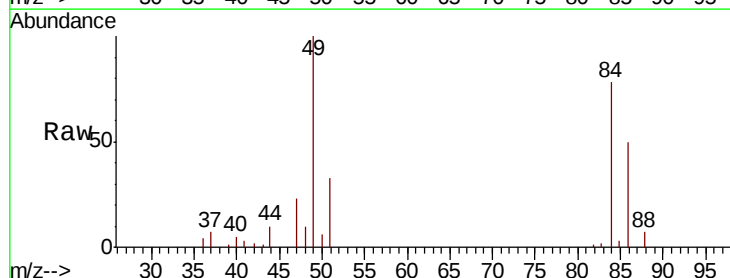
Tgt Ion: 84 Resp: 11604

Ion Ratio Lower Upper

84 100

49 128.7 93.0 172.8

86 64.2 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

6000

5000

4000

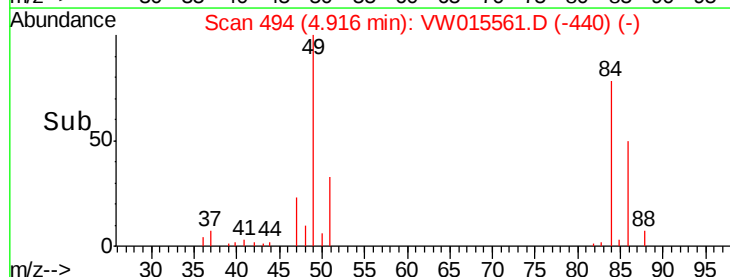
3000

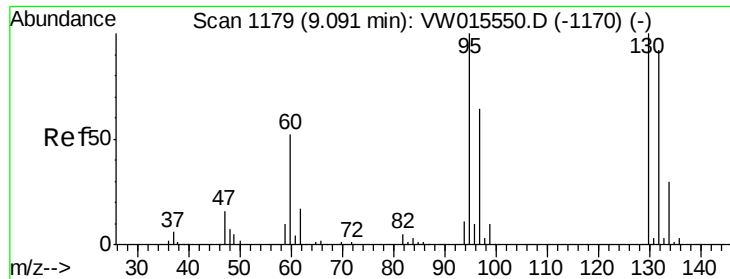
2000

1000

0

Time--> 4.80 4.90 5.00





#35

Trichloroethene

Concen: 0.623 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015561.D

Acq: 08 Jun 2020 17:10

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1338

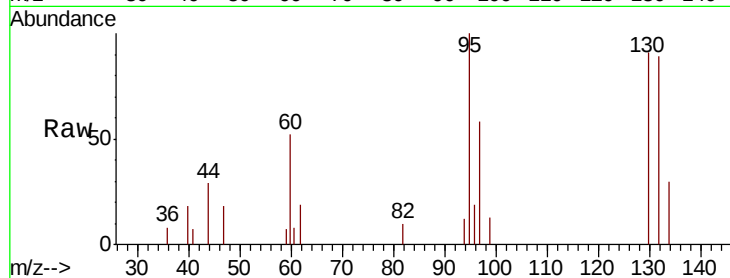
Ion Ratio Lower Upper

95 100

97 73.1 45.4 84.2

132 99.0 67.1 124.7

130 100.3 69.4 128.8

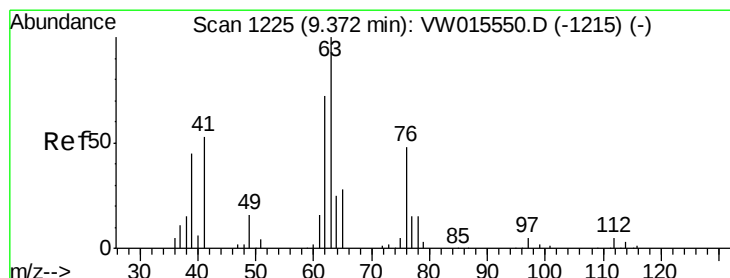
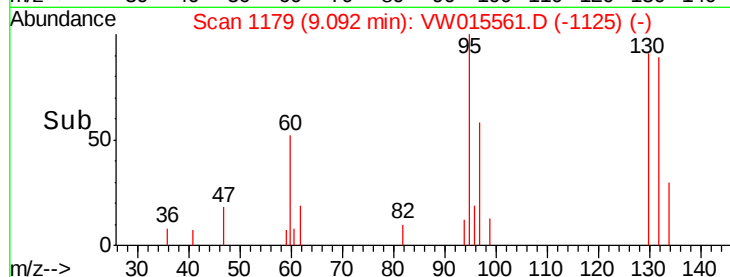
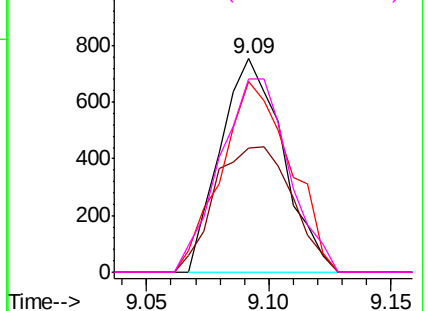


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 5.958 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015561.D

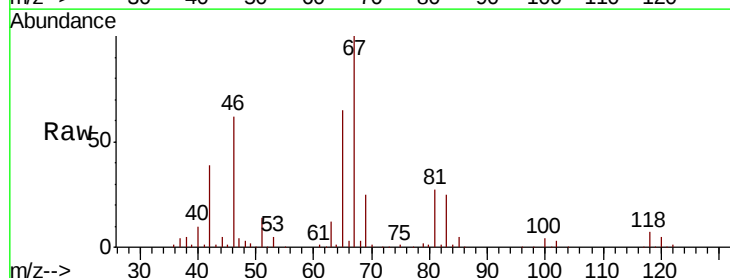
Acq: 08 Jun 2020 17:10

Tgt Ion: 63 Resp: 11731

Ion Ratio Lower Upper

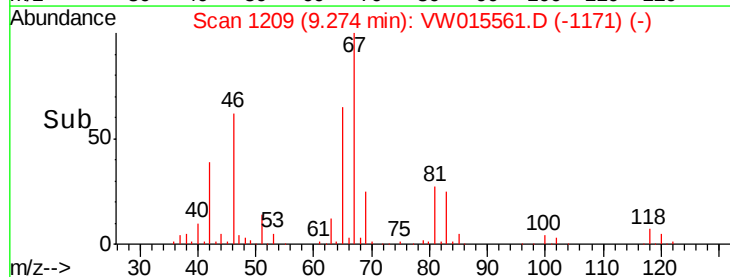
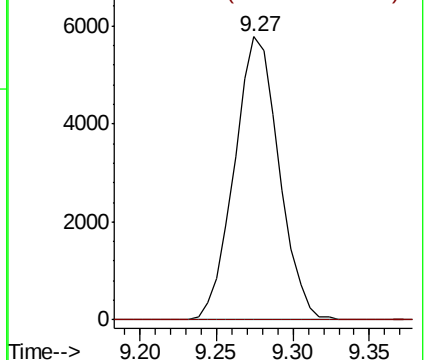
63 100

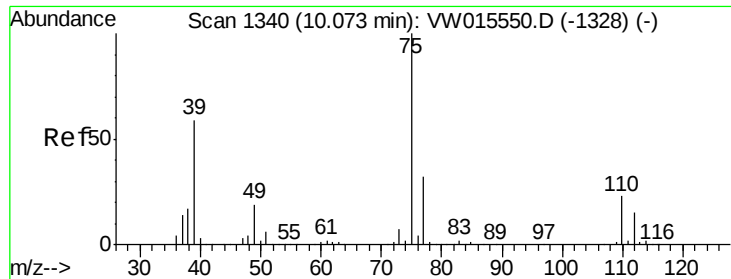
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.992 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015561.D

Acq: 08 Jun 2020 17:10

Instrument :

MSVOA_W

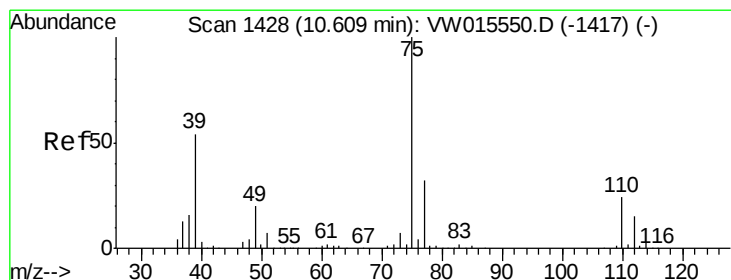
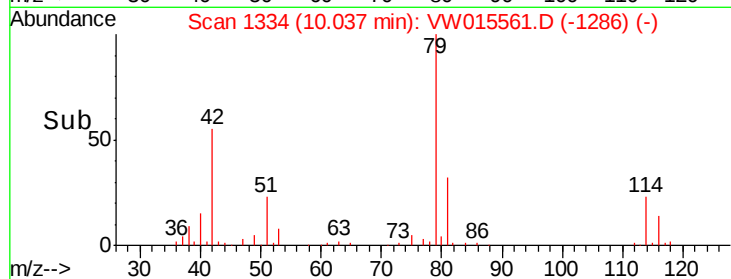
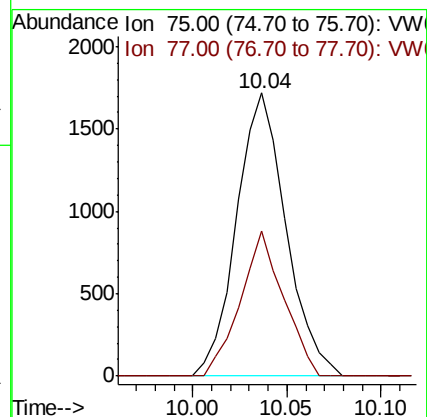
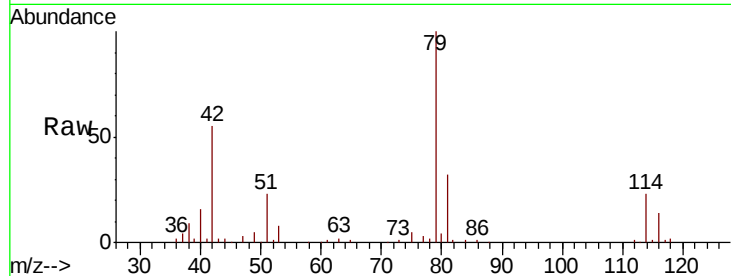
ClientSampleId :

Tot Ion: 75 Resp: 3127

Ion Ratio Lower Upper

75 100

77 51.3 22.3 41.5#



#45

trans-1,3-Dichloropropene

Concen: 0.602 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015561.D

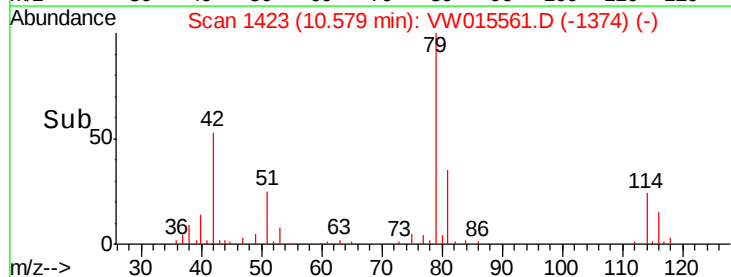
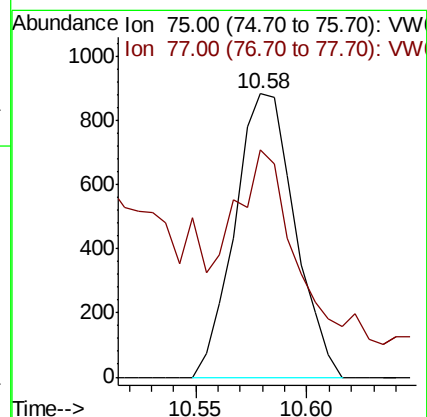
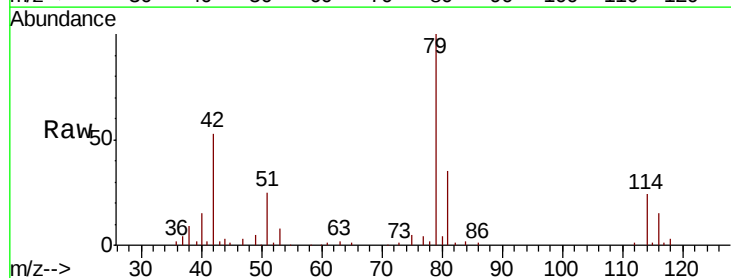
Acq: 08 Jun 2020 17:10

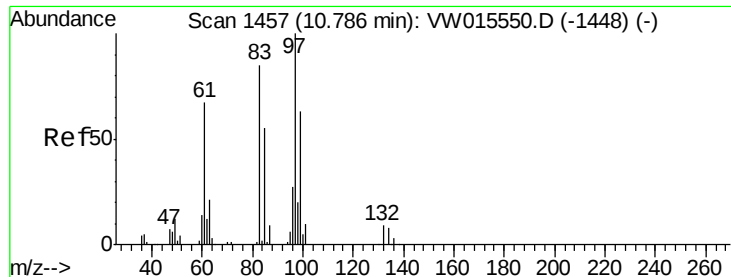
Tgt Ion: 75 Resp: 1651

Ion Ratio Lower Upper

75 100

77 80.2 21.5 39.9#

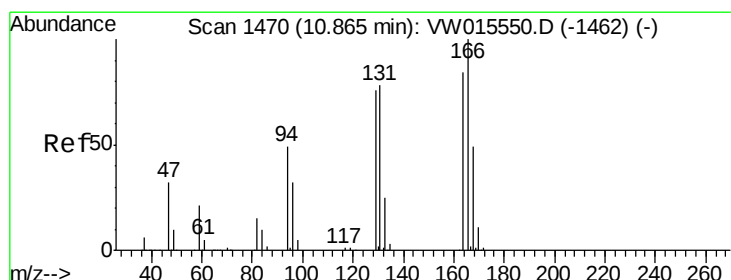
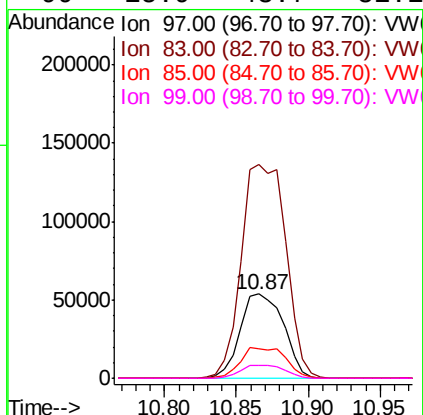
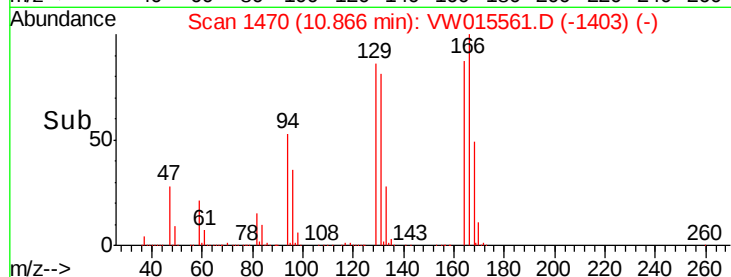
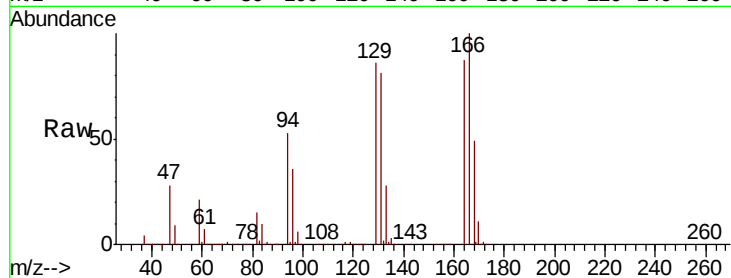




#46
1,1,2-Trichloroethane
Concen: 81.837 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.08 min
Lab File: VW015561.D
Acq: 08 Jun 2020 17:10

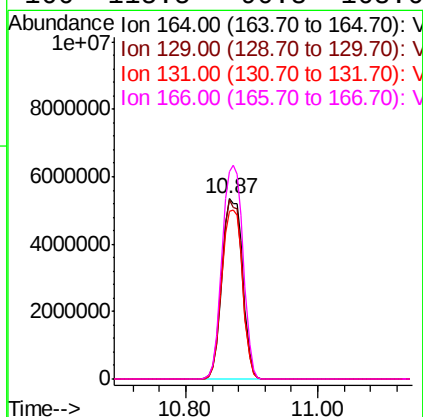
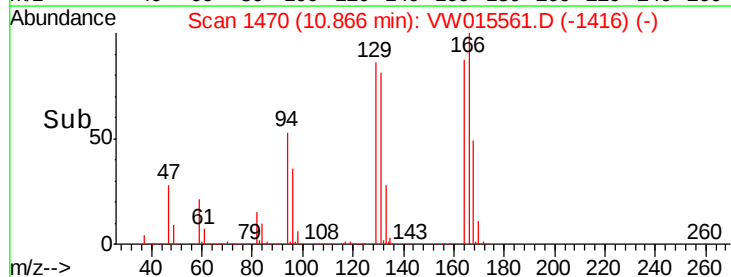
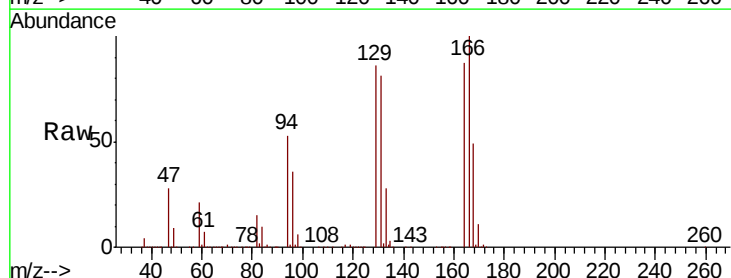
Instrument :
MSVOA_W
ClientSampleId :

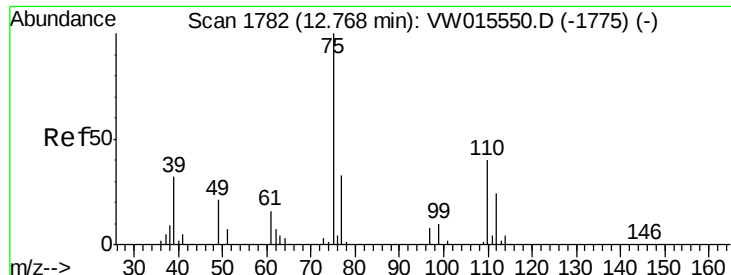
Tot Ion: 97 Resp: 112725
Ion Ratio Lower Upper
97 100
83 254.3 58.2 108.2#
85 35.6 37.4 69.4#
99 15.9 43.7 81.1#



#47
Tetrachloroethene
Concen: 6748.393 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015561.D
Acq: 08 Jun 2020 17:10

Tgt Ion:164 Resp:11488276
Ion Ratio Lower Upper
164 100
129 99.4 66.3 123.1
131 93.0 65.1 120.9
166 115.5 90.8 168.6





#59

1,2,3-Trichloropropane

Concen: 2.868 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015561.D

Acq: 08 Jun 2020 17:10

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3468

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

