

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015449.D
 Acq On : 22 May 2020 13:55
 Operator : SY/VA
 Sample : L2753-01
 Misc : 5.72G/10.0mL/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79746	15.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.20%
7) Chloroethane-d5	2.90	69	84959	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	4.01	63	145117	13.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.72%
20) 2-Butanone-d5	7.08	46	78180	56.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.28%
24) Chloroform-d	7.65	84	228262	21.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	8.31	65	140930	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	447184	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	143361	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.32	98	421305	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.58	79	65526	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.44%
39) 2-Hexanone-d5	10.93	63	68680	59.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121931	25.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	146609	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds

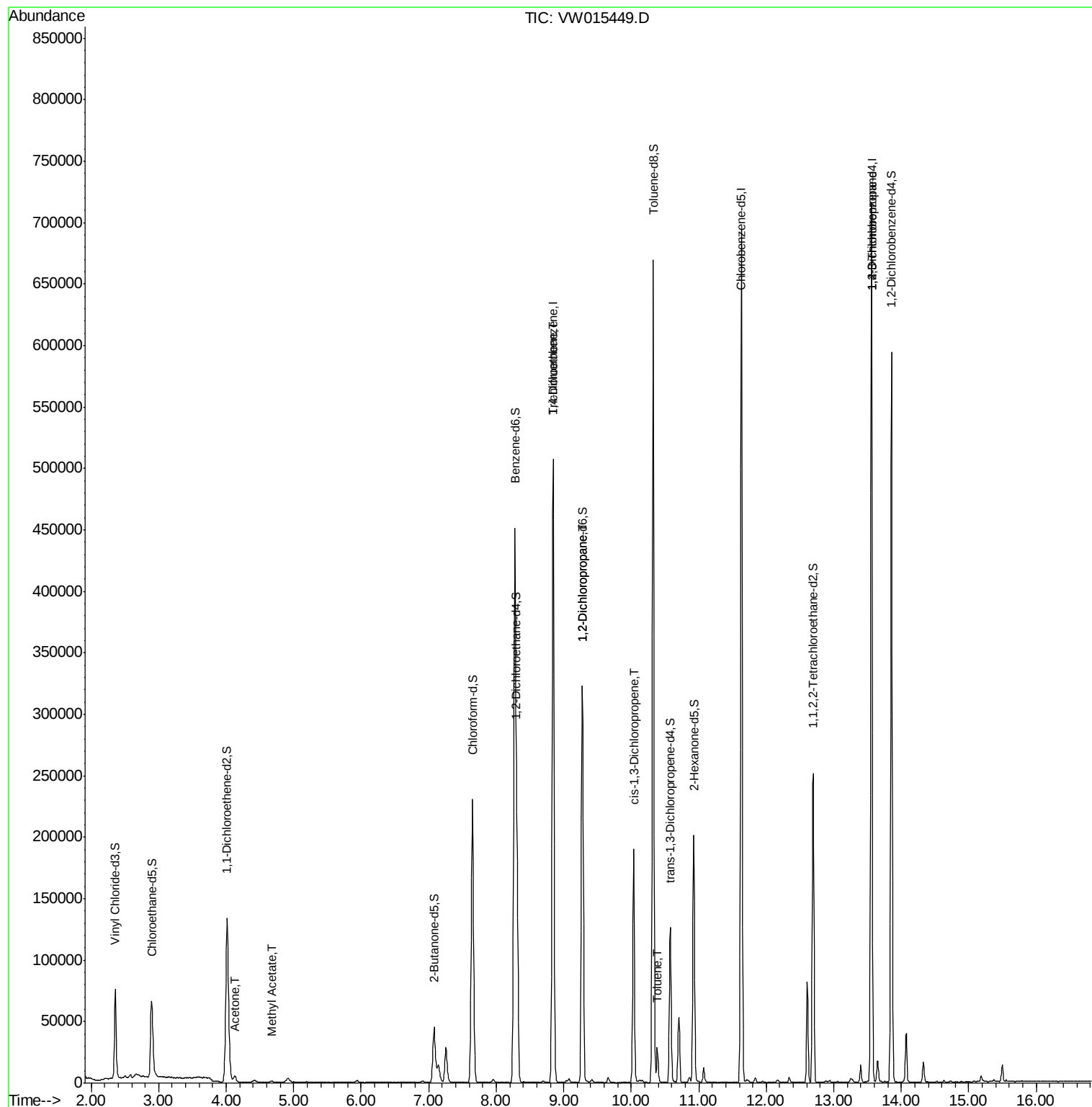
				Ovalue
13) Acetone	4.12	43	8745	8.292 ug/L 99
15) Methyl Acetate	4.67	43	2345	1.017 ug/L # 76
35) Trichloroethene	8.84	95	12665	2.127 ug/L # 6
40) 1,2-Dichloropropane	9.27	63	17183	3.095 ug/L # 86
42) cis-1,3-Dichloropropene	10.03	75	4868	0.543 ug/L # 81
44) Toluene	10.38	91	20457	0.842 ug/L 100
59) 1,2,3-Trichloropropane	13.56	75	23347	6.638 ug/L 88

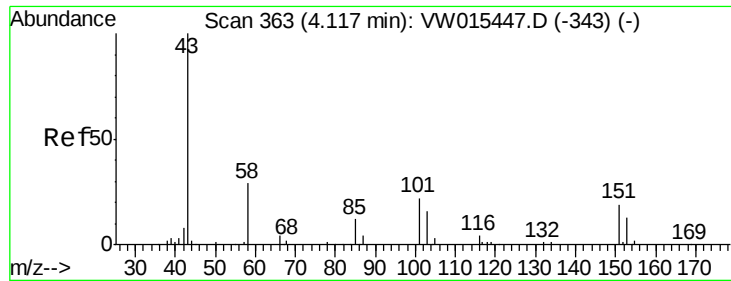
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.292 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015449.D

Acq: 22 May 2020 13:55

Instrument :

MSVOA_W

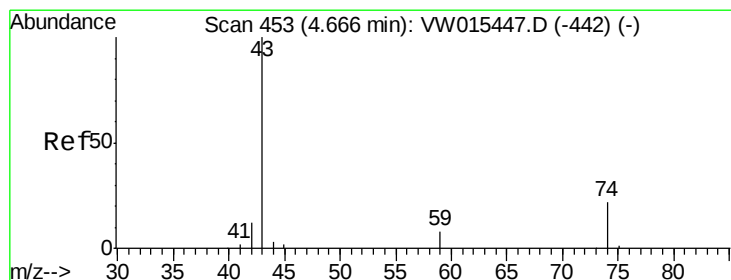
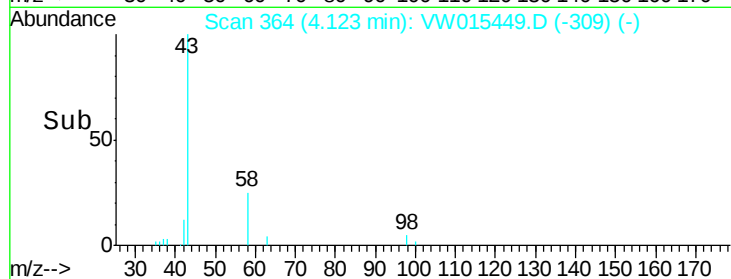
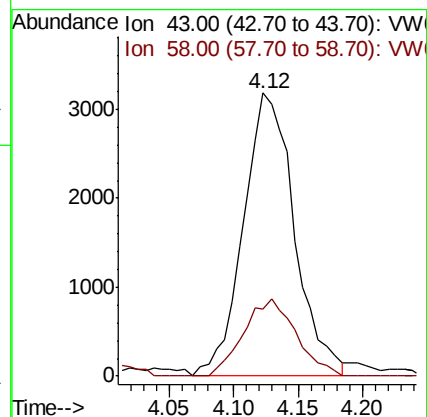
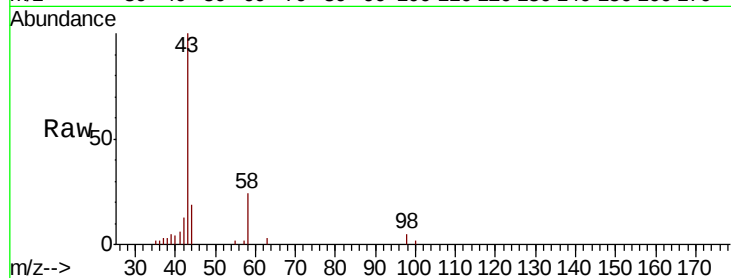
ClientSampled :

Tot Ion: 43 Resp: 8745

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.0



#15

Methyl Acetate

Concen: 1.017 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015449.D

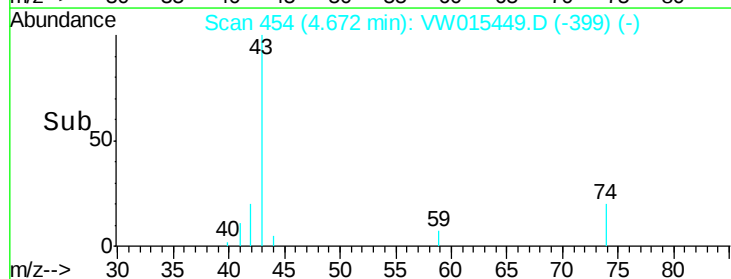
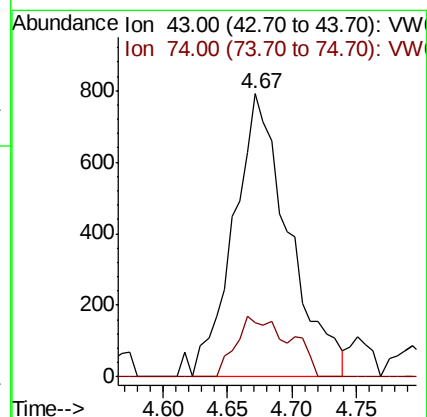
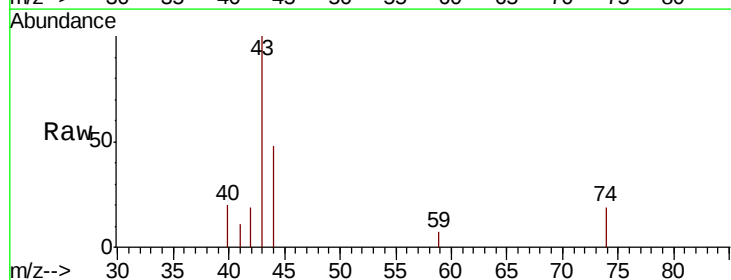
Acq: 22 May 2020 13:55

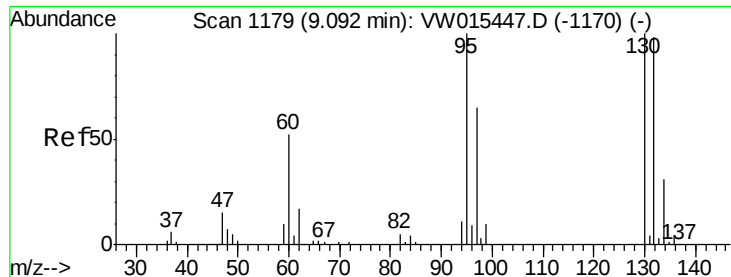
Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

74 10.9 17.8 26.6#





#35

Trichloroethene

Concen: 2.127 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015449.D

Acq: 22 May 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 12665

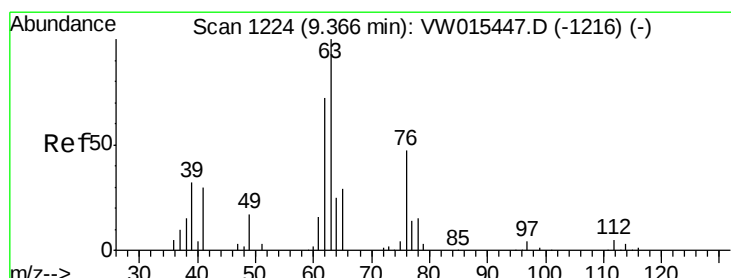
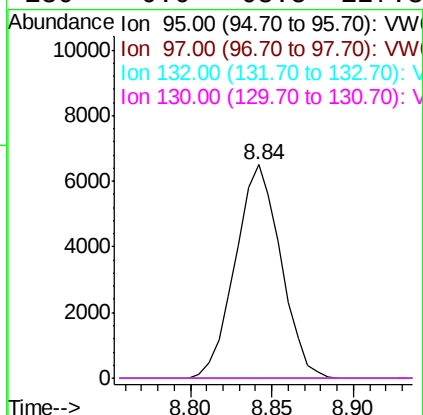
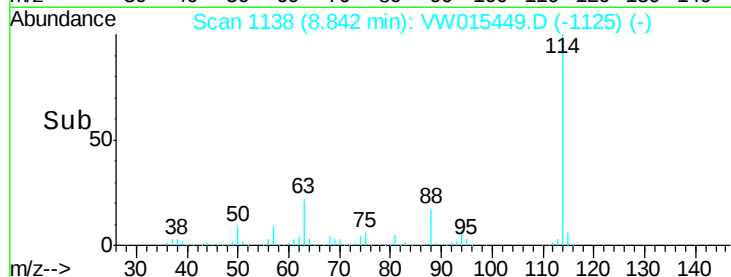
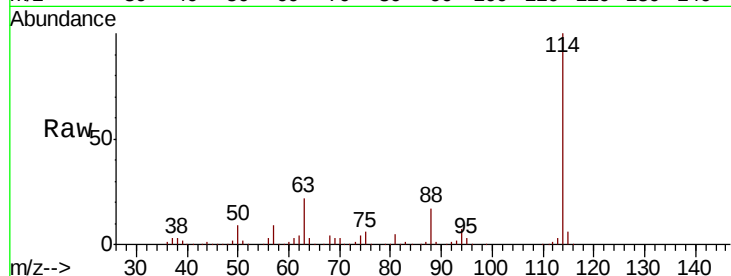
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 64.5 119.7#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 3.095 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015449.D

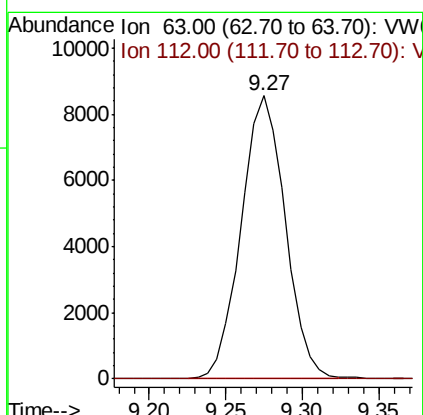
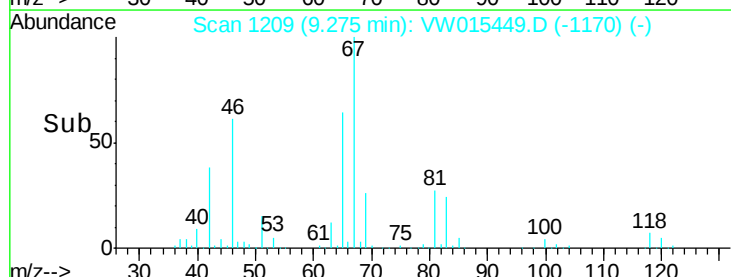
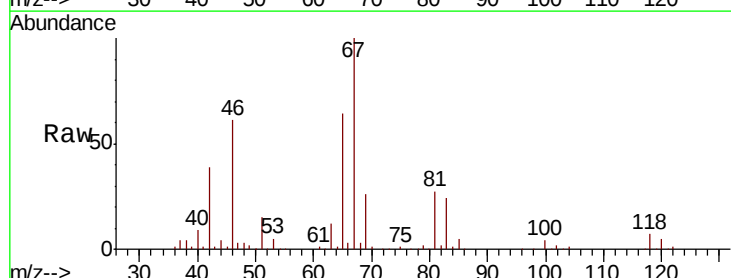
Acq: 22 May 2020 13:55

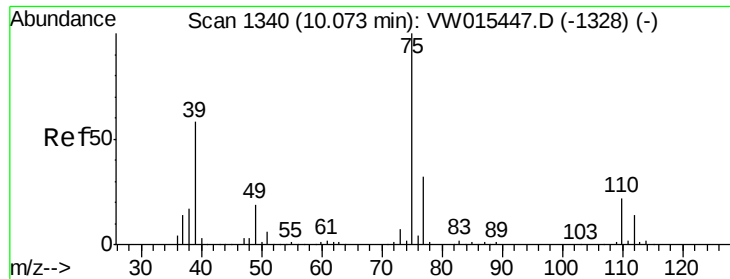
Tgt Ion: 63 Resp: 17183

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#

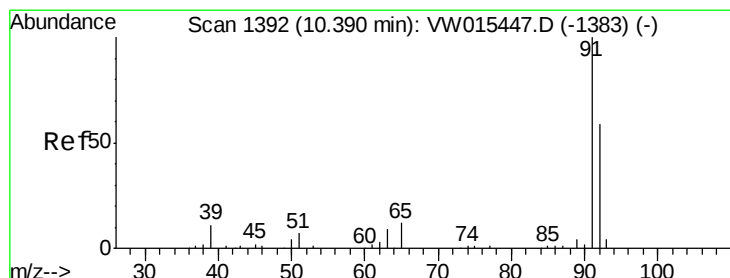
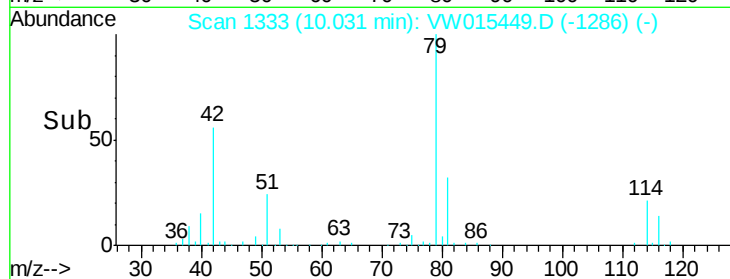
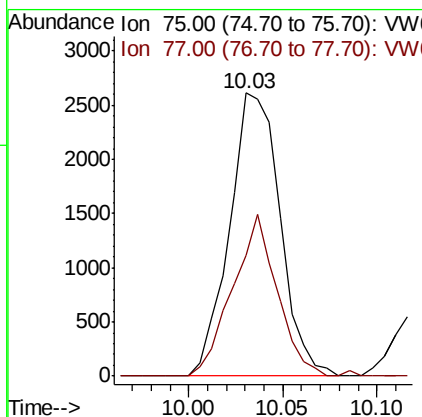
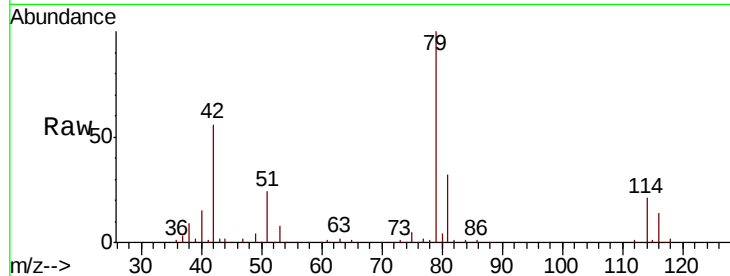




#42
 cis-1,3-Dichloropropene
 Concen: 0.543 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW015449.D
 Acq: 22 May 2020 13:55

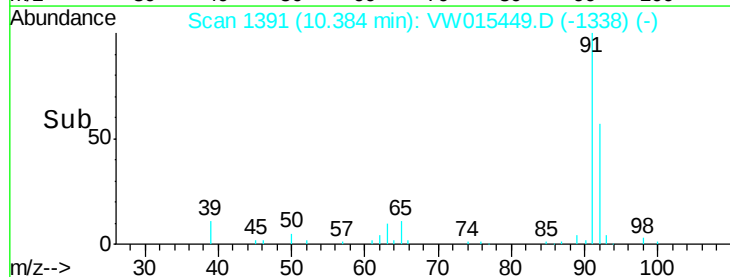
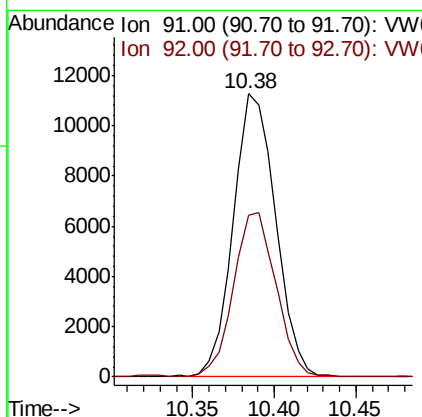
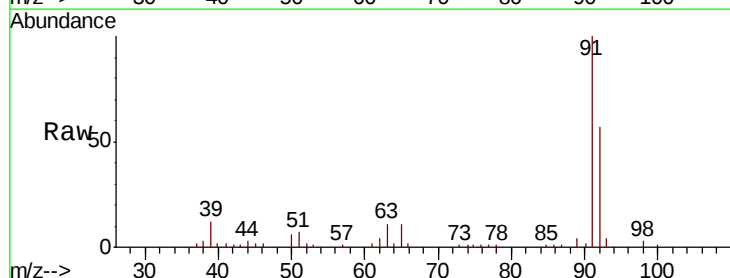
Instrument :
 MSVOA_W
 ClientSampleId :

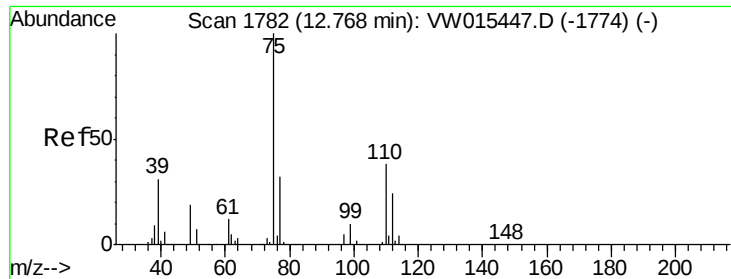
Tot Ion: 75 Resp: 4868
 Ion Ratio Lower Upper
 75 100
 77 42.5 22.4 41.6#



#44
 Toluene
 Concen: 0.842 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW015449.D
 Acq: 22 May 2020 13:55

Tgt Ion: 91 Resp: 20457
 Ion Ratio Lower Upper
 91 100
 92 57.1 39.8 74.0





#59

1,2,3-Trichloropropane

Concen: 6.638 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015449.D

Acq: 22 May 2020 13:55

Instrument :

MSVOA_W

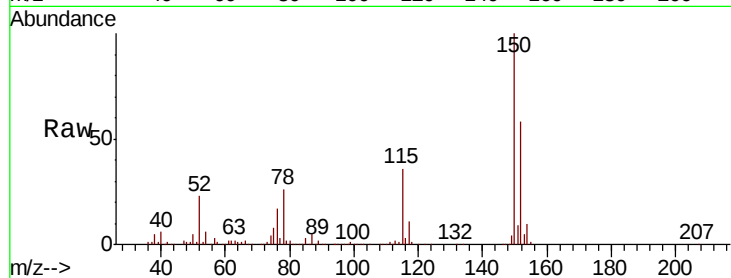
ClientSampleId :

Tot Ion: 75 Resp: 23347

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

