

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015458.D
 Acq On : 22 May 2020 17:49
 Operator : SY/VA
 Sample : L2753-06
 Misc : 6.12G/10.0mL/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:57:10 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	242462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	135524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58909	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
7) Chloroethane-d5	2.89	69	67523	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
10) 1,1-Dichloroethene-d2	4.01	63	101716	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	67133	82.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.70%#
24) Chloroform-d	7.65	84	175727	28.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	8.31	65	110177	32.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.80%
29) Benzene-d6	8.27	84	303998	41.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	164.00%#
33) 1,2-Dichloropropane-d6	9.27	67	106270	47.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.16%#
37) Toluene-d8	10.32	98	226154	31.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.84%
38) trans-1,3-Dichloropropene-	10.58	79	40726	39.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	159.28%#
39) 2-Hexanone-d5	10.93	63	50410	121.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	242.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76195	45.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	180.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	20994	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%

Target Compounds

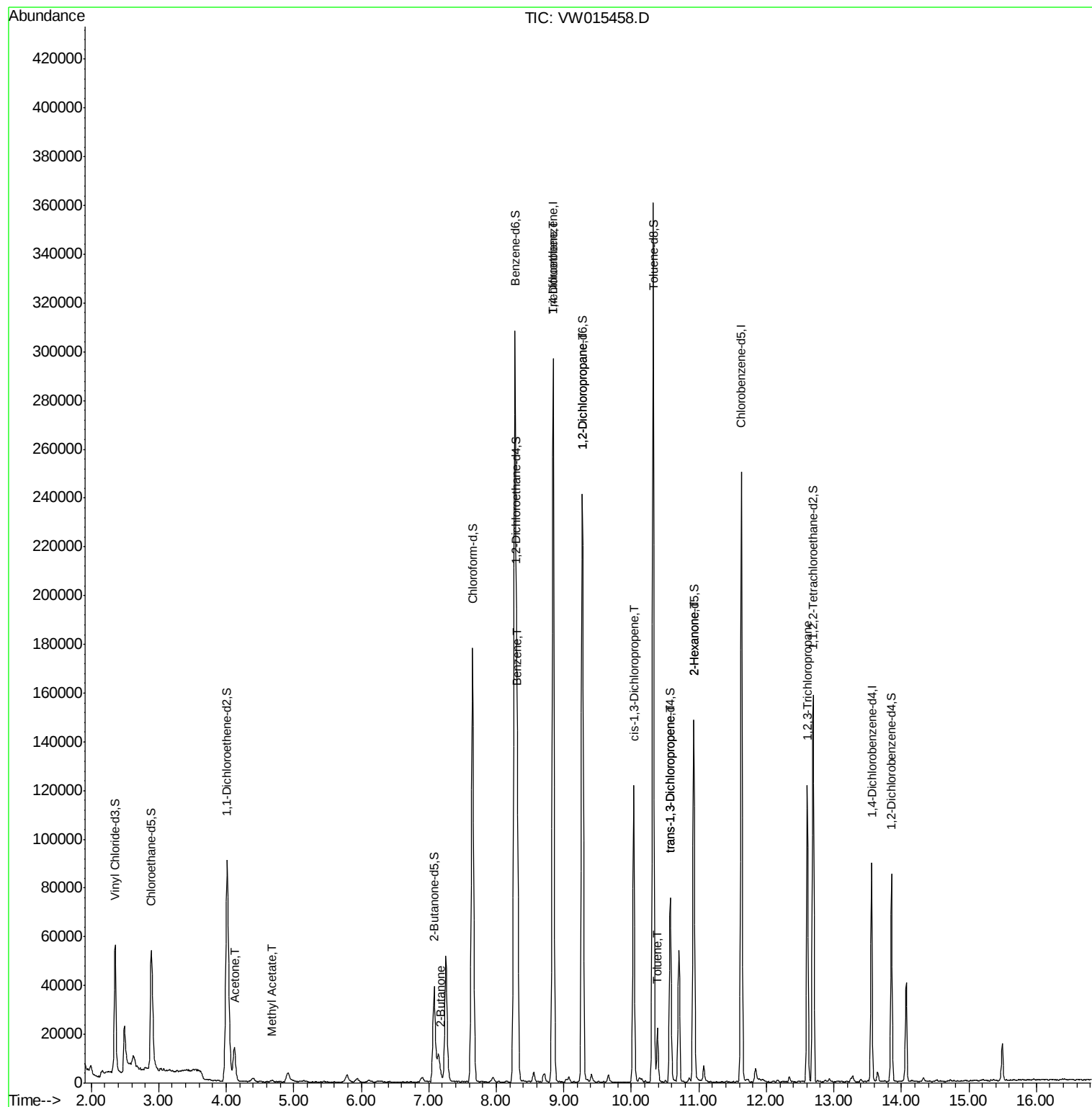
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	23911	38.970	ug/L	100
15) Methyl Acetate	4.67	43	1252	0.933	ug/L #	87
21) 2-Butanone	7.18	43	2506	2.717	ug/L	89
34) Benzene	8.32	78	5345	0.674	ug/L	100
35) Trichloroethene	8.84	95	7559	3.558	ug/L #	6
40) 1,2-Dichloropropane	9.27	63	12716	6.417	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3232	1.010	ug/L #	68
44) Toluene	10.39	91	15897	1.835	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	1930	0.692	ug/L	83
49) 2-Hexanone	10.92	43	7102	8.490	ug/L #	67
59) 1,2,3-Trichloropropane	12.60	75	1249	0.995	ug/L #	49

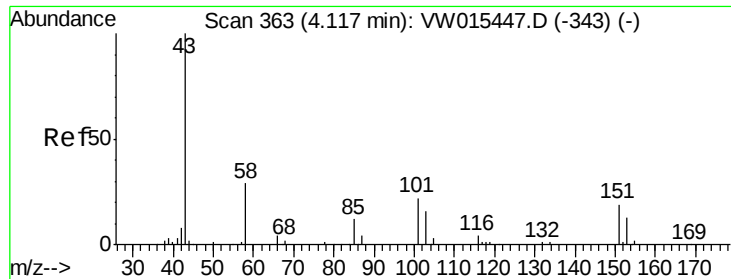
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 38.970 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

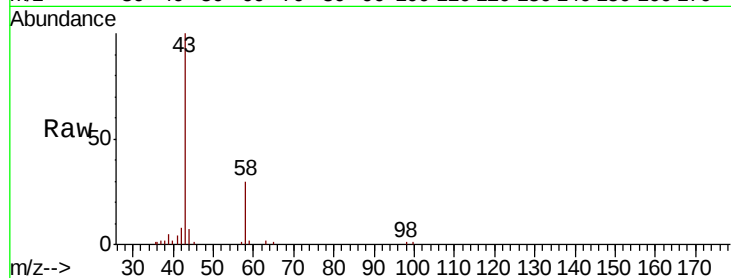
ClientSampled :

Tot Ion: 43 Resp: 23911

Ion Ratio Lower Upper

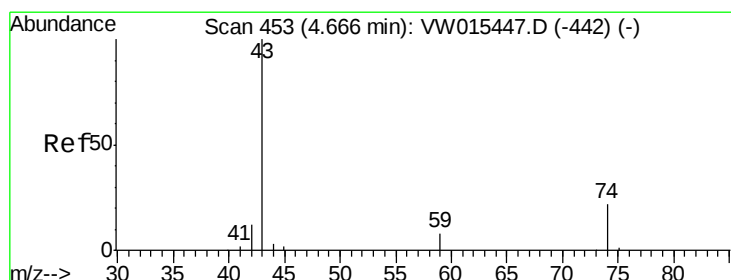
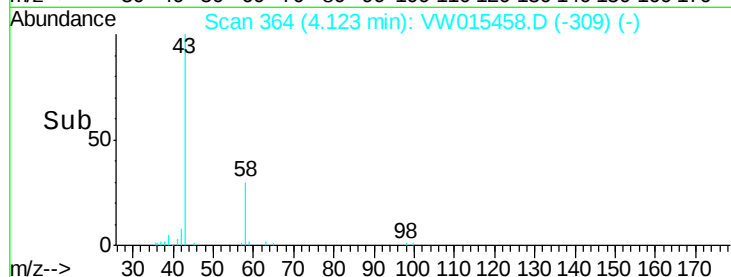
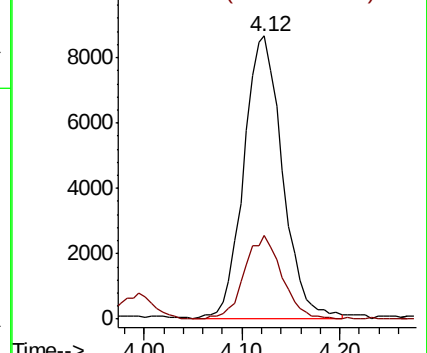
43 100

58 28.4 0.0 57.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.933 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015458.D

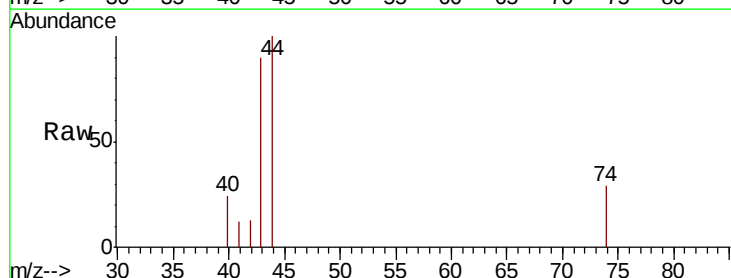
Acq: 22 May 2020 17:49

Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

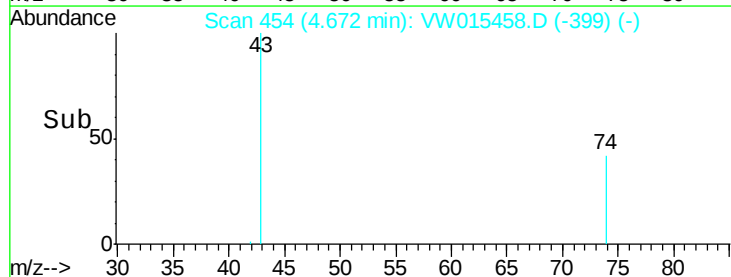
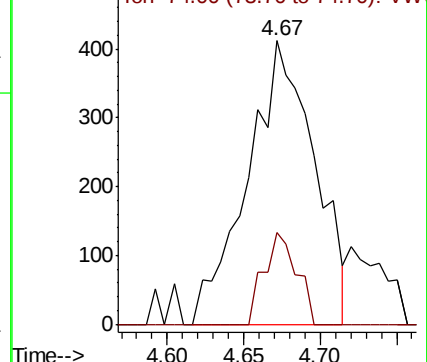
43 100

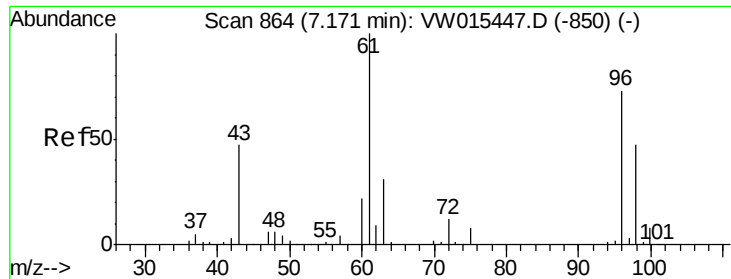
74 15.8 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

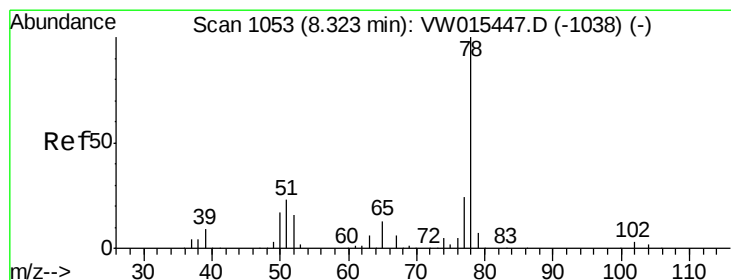
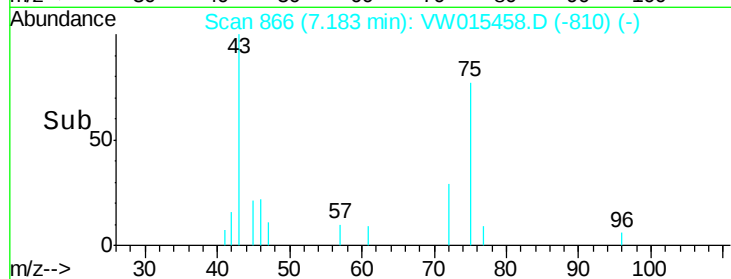
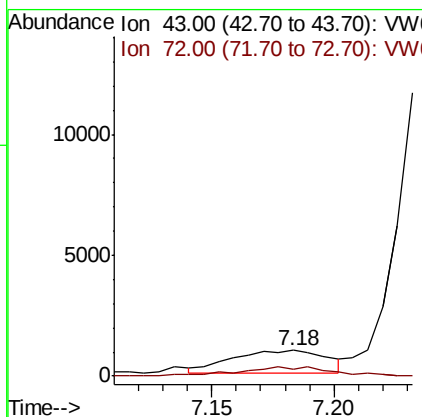
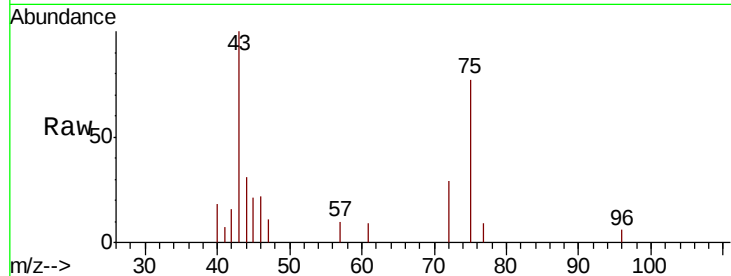




#21
2-Butanone
Concen: 2.717 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015458.D
Acq: 22 May 2020 17:49

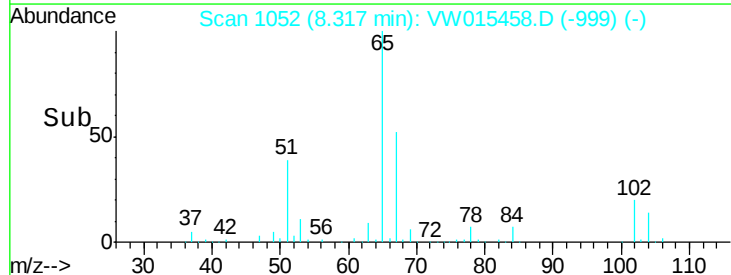
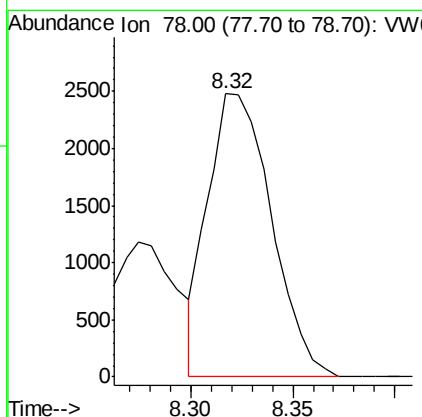
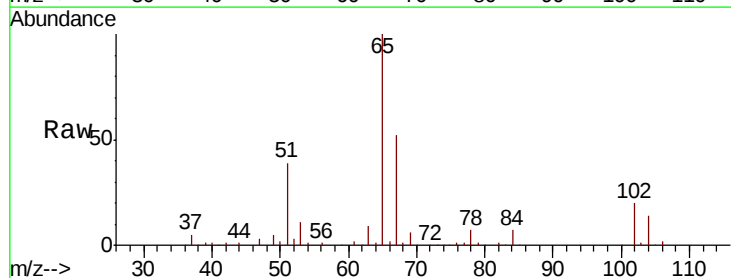
Instrument :
MSVOA_W
ClientSampled :

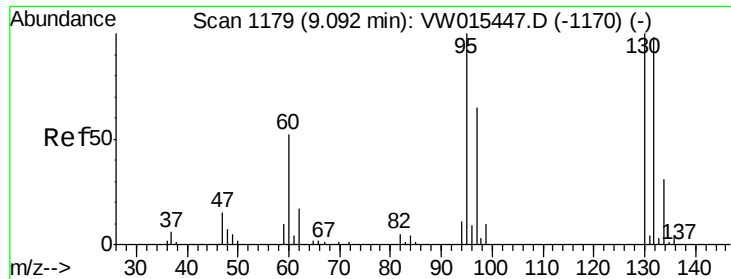
Tot Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
72 32.8 13.6 40.8



#34
Benzene
Concen: 0.674 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW015458.D
Acq: 22 May 2020 17:49

Tgt Ion: 78 Resp: 5345





#35

Trichloroethene

Concen: 3.558 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7559

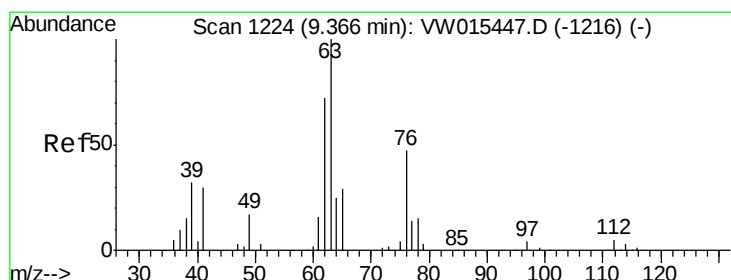
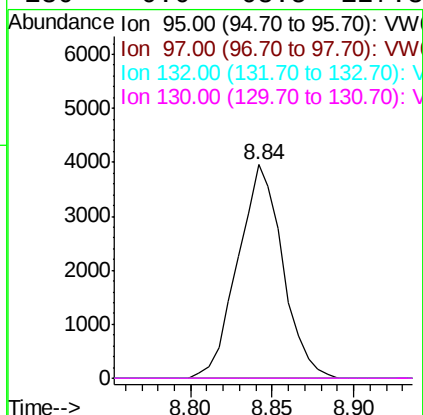
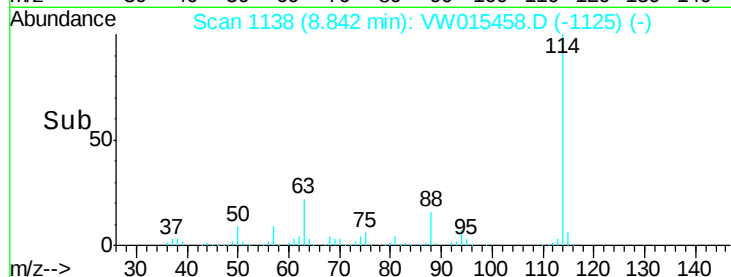
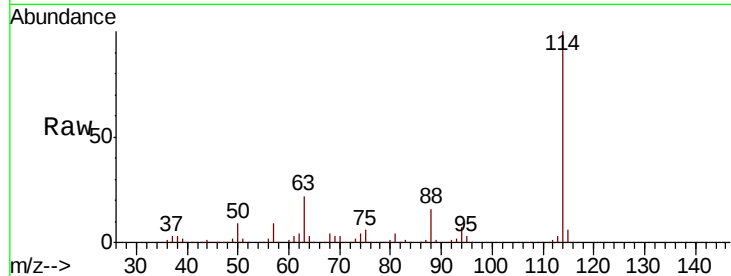
Ion Ratio Lower Upper

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: 6.417 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015458.D

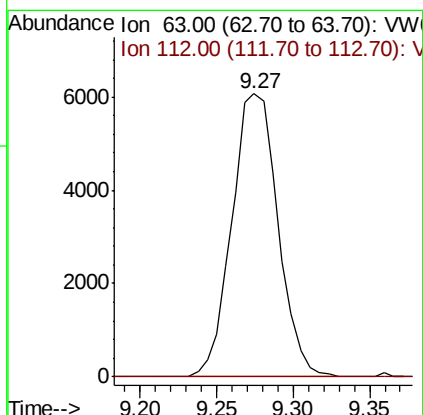
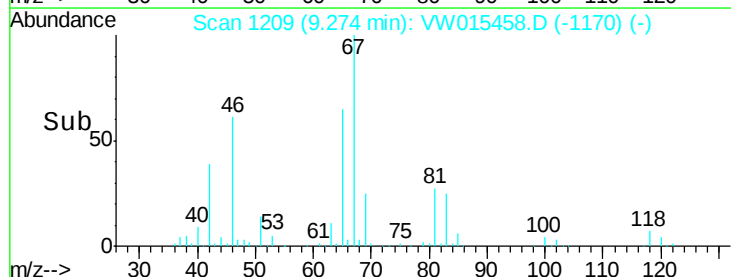
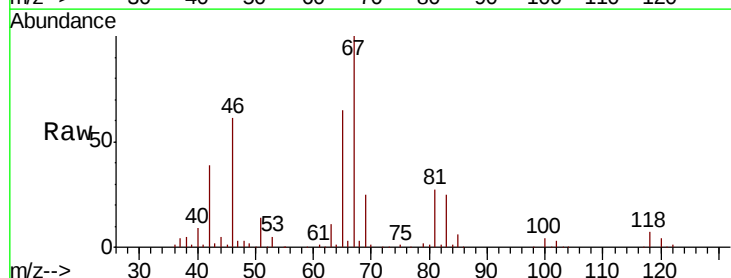
Acq: 22 May 2020 17:49

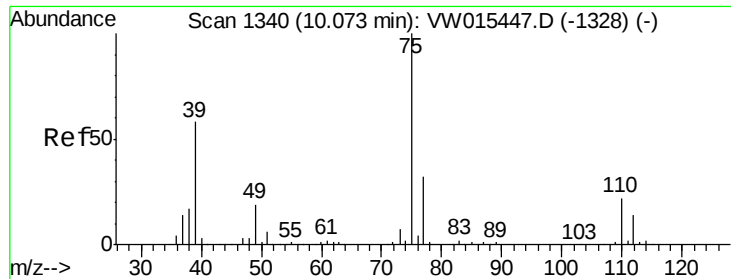
Tgt Ion: 63 Resp: 12716

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 1.010 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

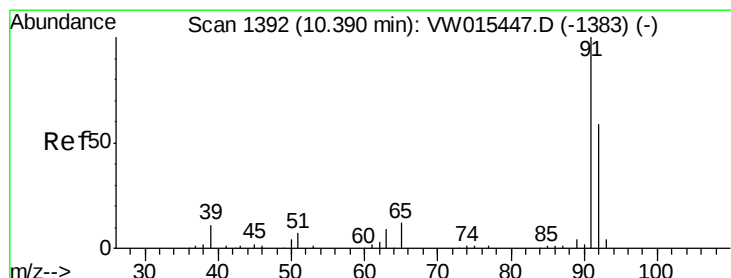
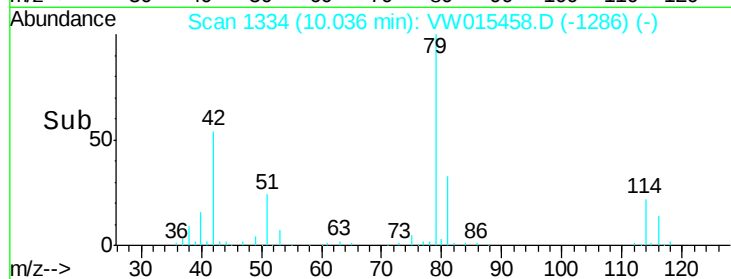
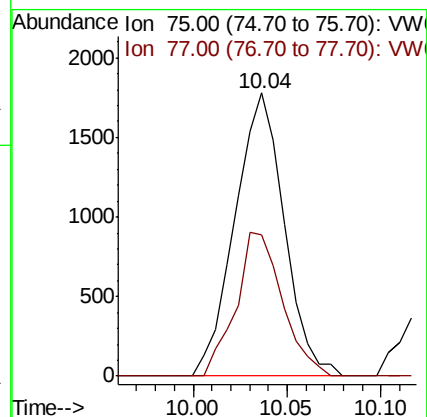
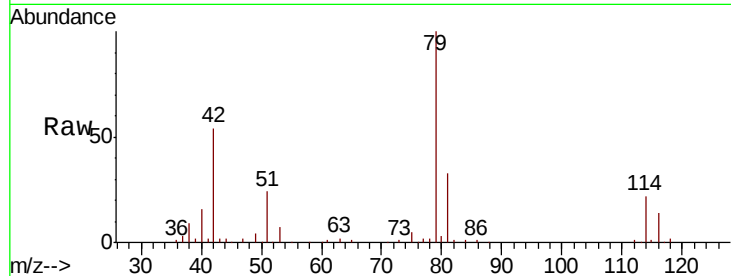
ClientSampled :

Tot Ion: 75 Resp: 3232

Ion Ratio Lower Upper

75 100

77 49.8 22.4 41.6#



#44

Toluene

Concen: 1.835 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015458.D

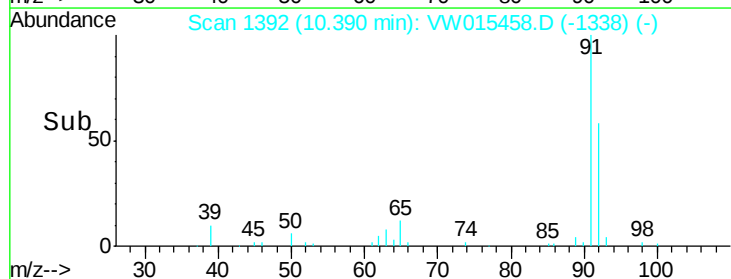
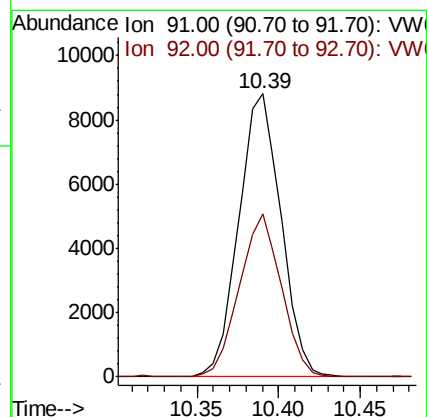
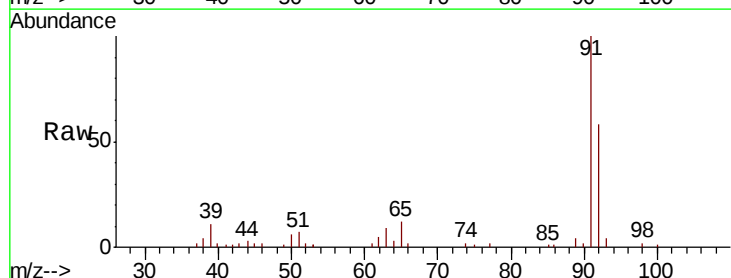
Acq: 22 May 2020 17:49

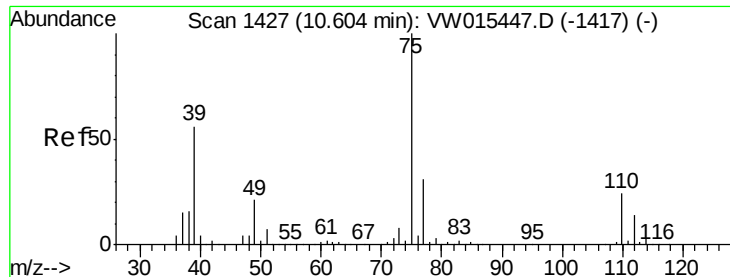
Tgt Ion: 91 Resp: 15897

Ion Ratio Lower Upper

91 100

92 57.7 39.8 74.0





#45

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

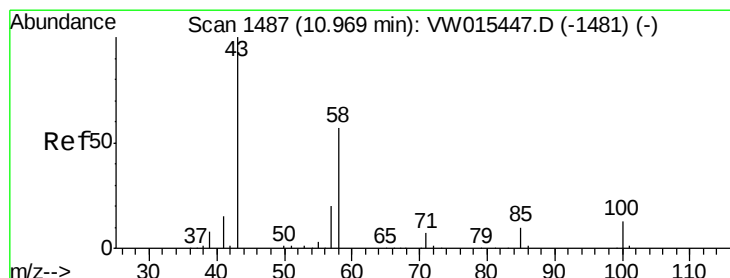
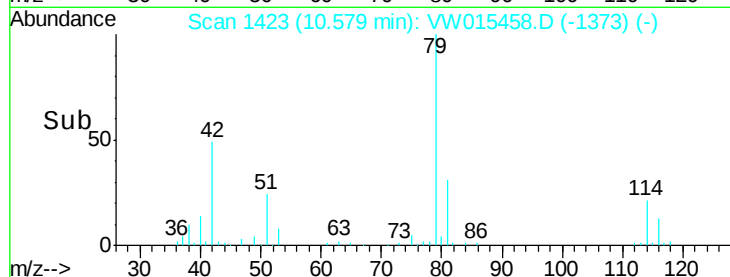
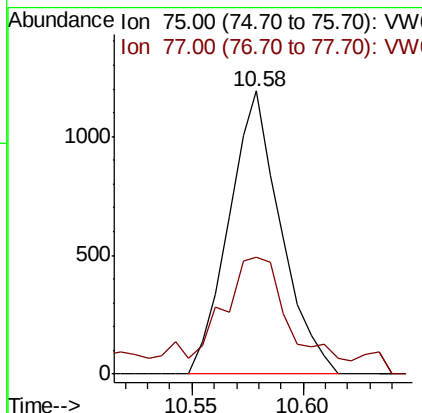
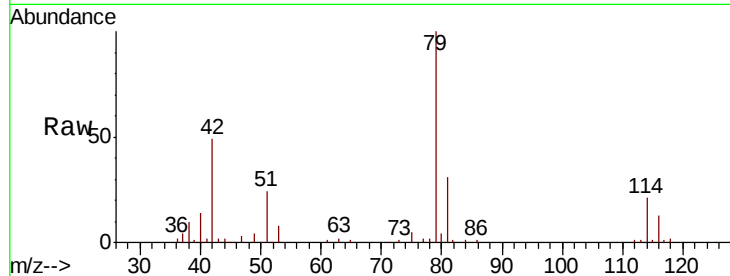
ClientSampleId :

Tot Ion: 75 Resp: 1930

Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.3



#49

2-Hexanone

Concen: 8.490 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Tgt Ion: 43 Resp: 7102

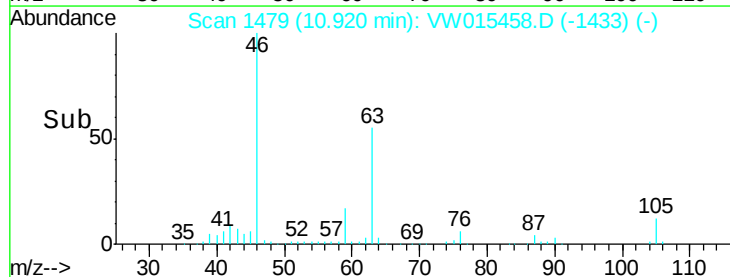
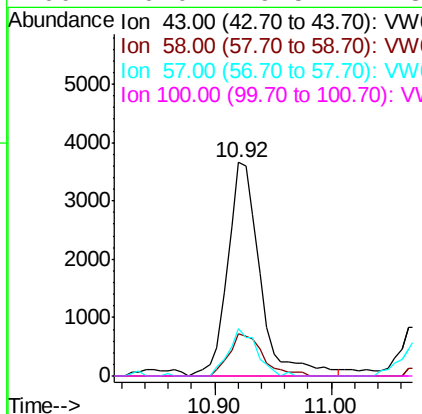
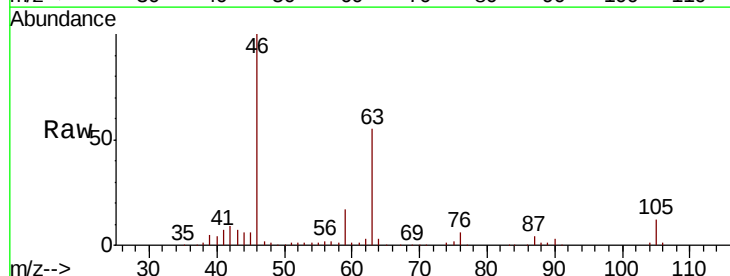
Ion Ratio Lower Upper

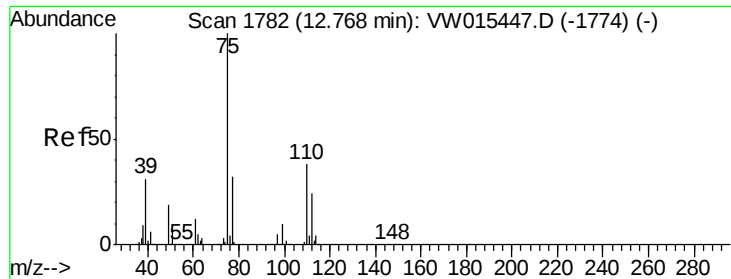
43 100

58 19.6 41.5 62.3#

57 18.7 15.3 22.9

100 0.0 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 0.995 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.16 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

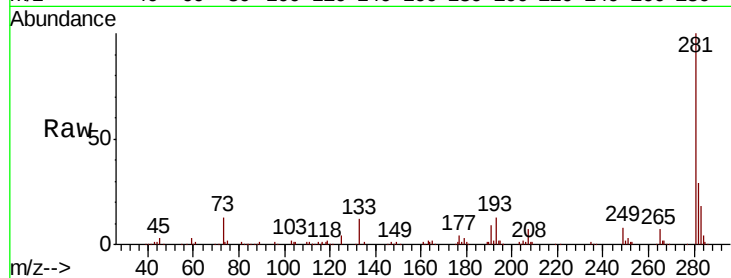
ClientSampleId :

Tot Ion: 75 Resp: 1249

Ion Ratio Lower Upper

75 100

77 3.8 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

