

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013864.D
 Acq On : 31 Oct 2019 18:11
 Operator : SY/VA
 Sample : K5596-10
 Misc : 6.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	140978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	134744	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	61300	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45914	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
7) Chloroethane-d5	2.89	69	35445	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
10) 1,1-Dichloroethene-d2	4.01	63	71292	16.60	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.08	46	27459	36.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.80%
24) Chloroform-d	7.65	84	91644	21.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	8.31	65	49406	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.24%
29) Benzene-d6	8.27	84	193950	22.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.88%
33) 1,2-Dichloropropane-d6	9.27	67	57895	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.52%
37) Toluene-d8	10.32	98	168955	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.57	79	21405	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.92	63	21459	35.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47531	19.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	51243	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds

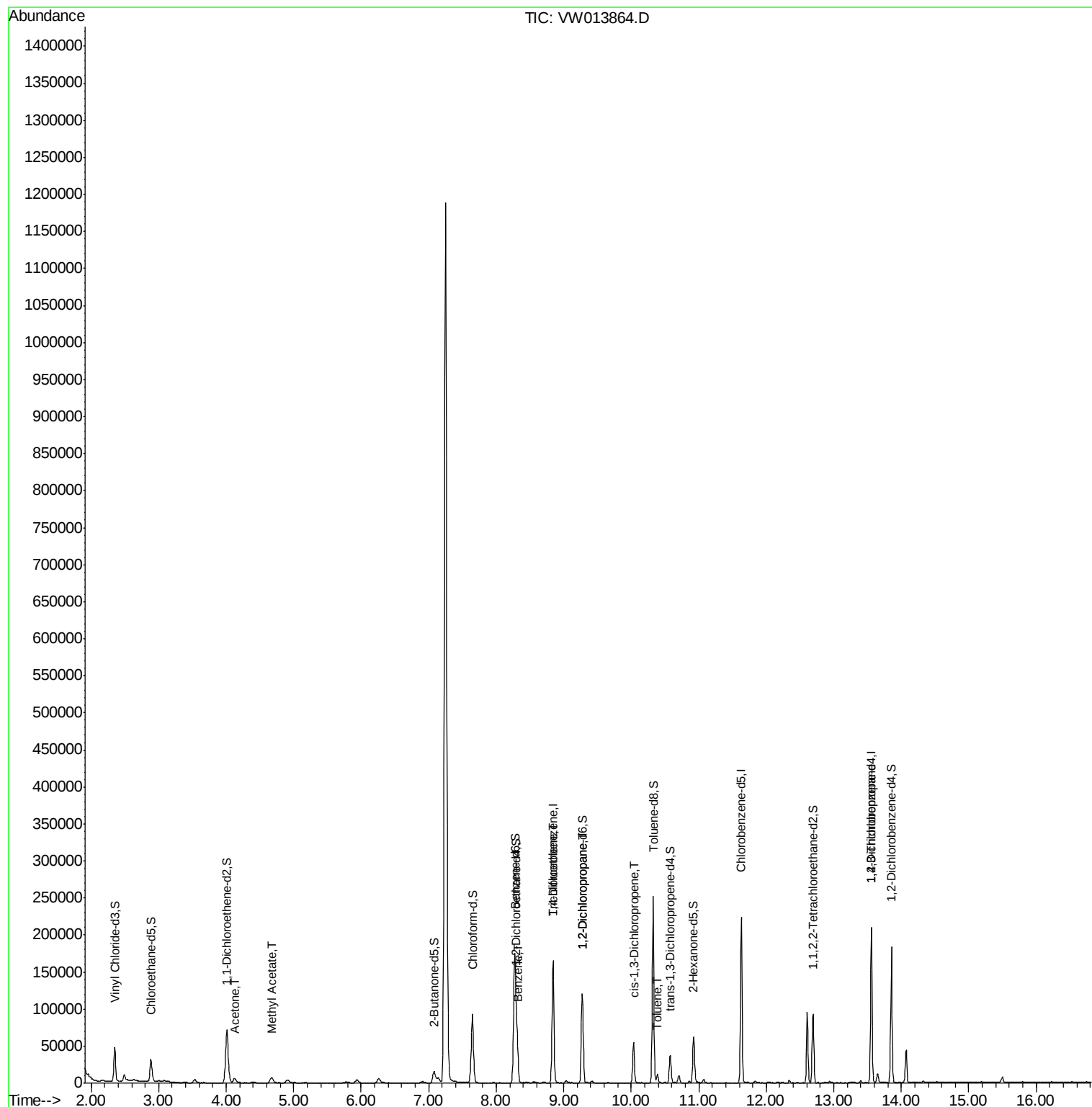
					Ovalue
13) Acetone	4.12	43	12365	17.516	ug/L 99
15) Methyl Acetate	4.67	43	14899	11.463	ug/L # 74
34) Benzene	8.32	78	5279	0.565	ug/L 100
35) Trichloroethene	8.84	95	4279	1.735	ug/L # 2
40) 1,2-Dichloropropane	9.27	63	5980	2.591	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	1252	0.345	ug/L # 81
44) Toluene	10.39	91	9113	0.903	ug/L 97
59) 1,2,3-Trichloropropane	13.56	75	6281	3.528	ug/L 90

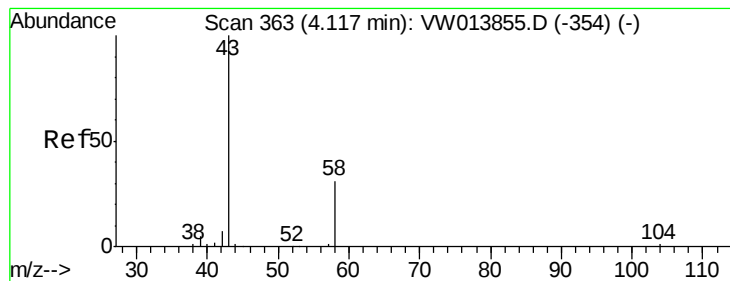
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.516 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013864.D

Acq: 31 Oct 2019 18:11

Instrument :

MSVOA_W

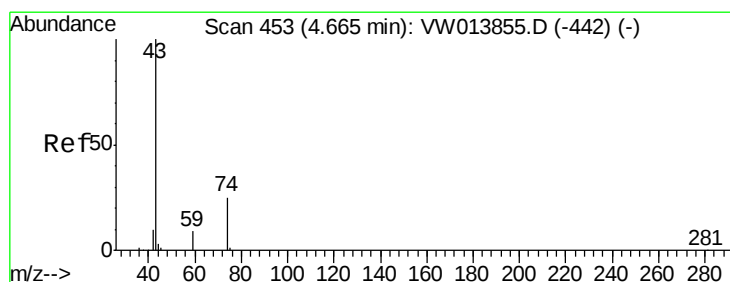
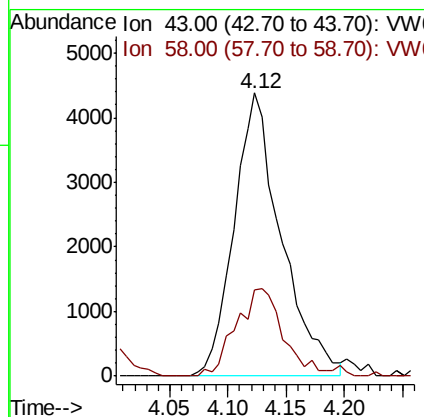
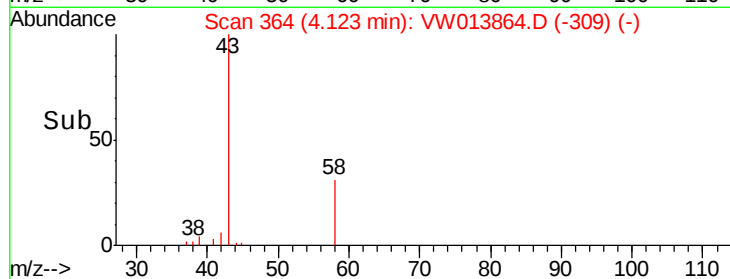
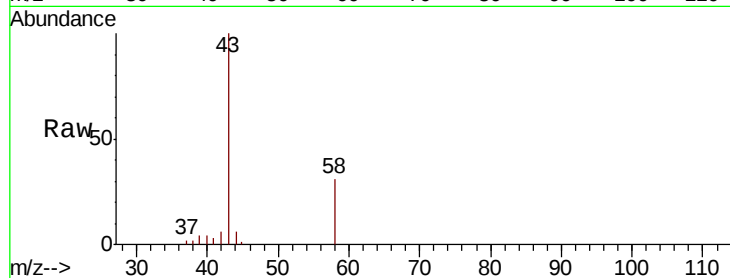
ClientSampleId :

Tot Ion: 43 Resp: 12365

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.4



#15

Methyl Acetate

Concen: 11.463 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013864.D

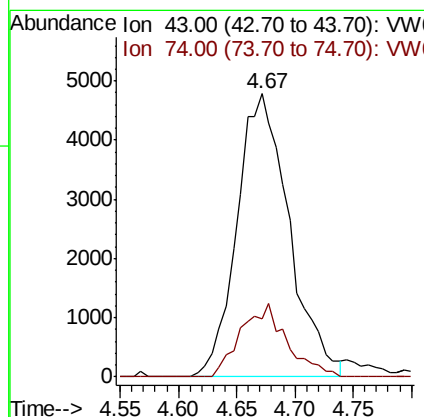
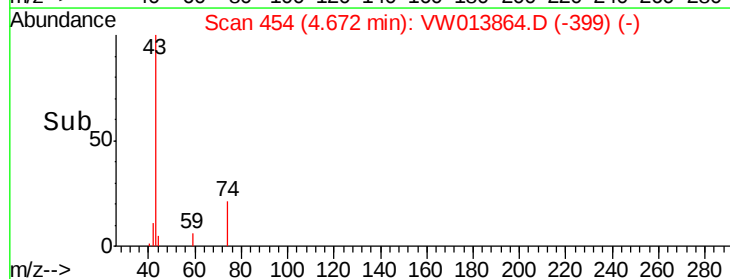
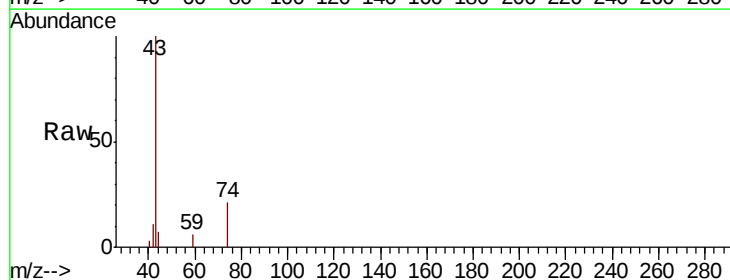
Acq: 31 Oct 2019 18:11

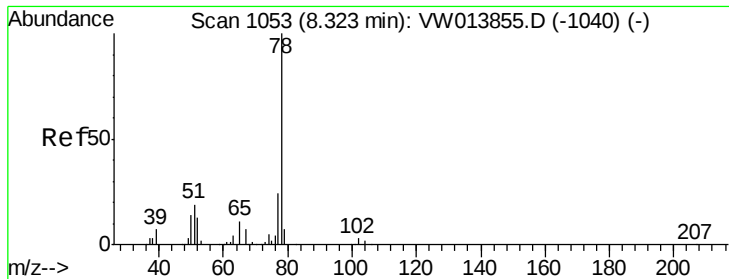
Tgt Ion: 43 Resp: 14899

Ion Ratio Lower Upper

43 100

74 11.1 19.2 28.8#





#34

Benzene

Concen: 0.565 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013864.D

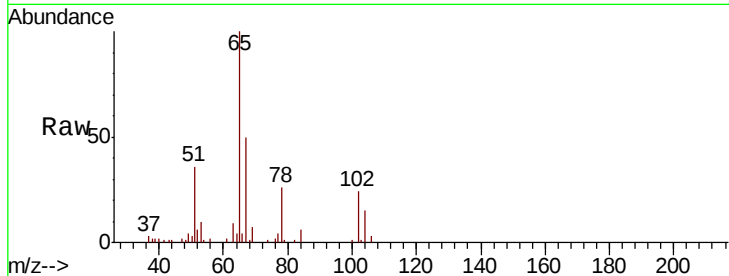
Acq: 31 Oct 2019 18:11

Instrument :

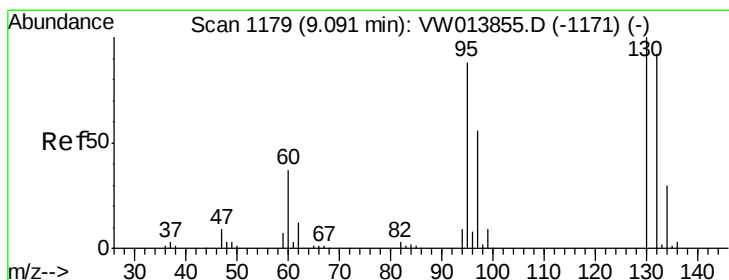
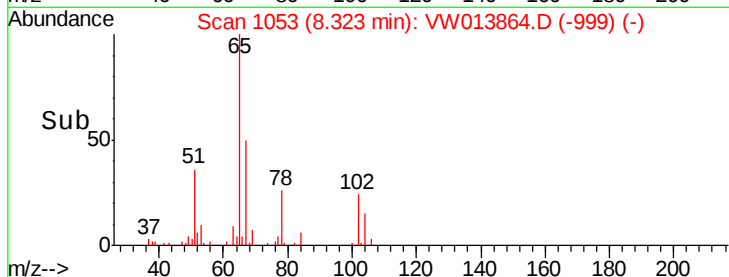
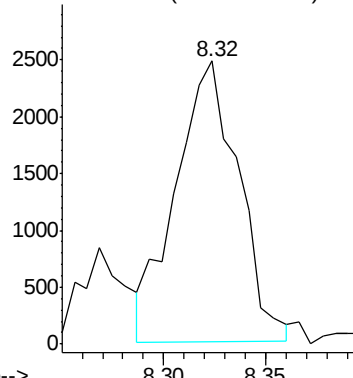
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 5279



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.735 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013864.D

Acq: 31 Oct 2019 18:11

Tgt Ion: 95 Resp: 4279

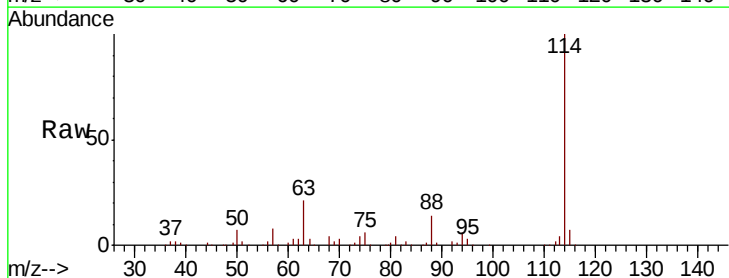
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 72.4 134.4#

130 0.0 76.6 142.3#

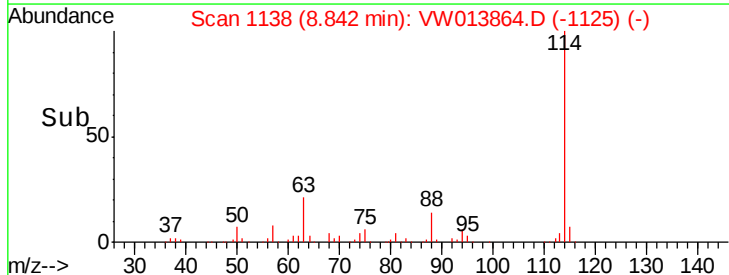
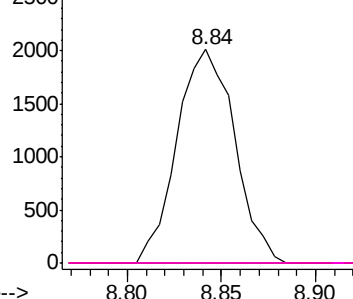


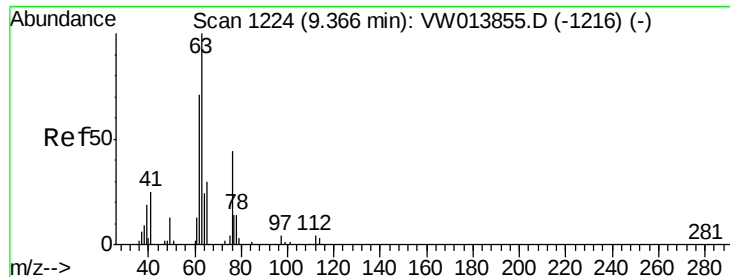
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.591 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013864.D

Acq: 31 Oct 2019 18:11

Instrument :

MSVOA_W

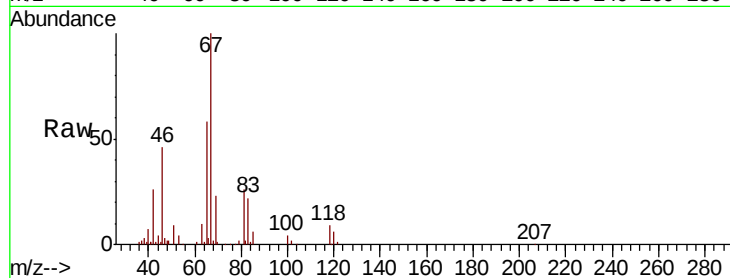
ClientSampleId :

Tot Ion: 63 Resp: 5980

Ion Ratio Lower Upper

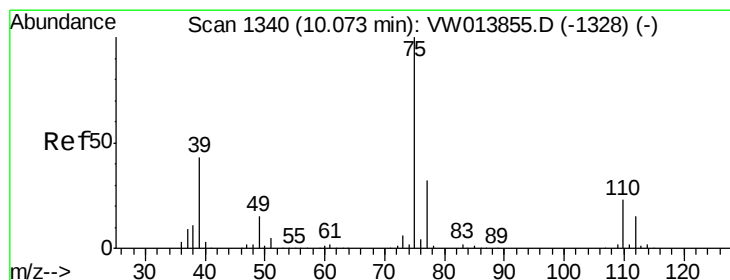
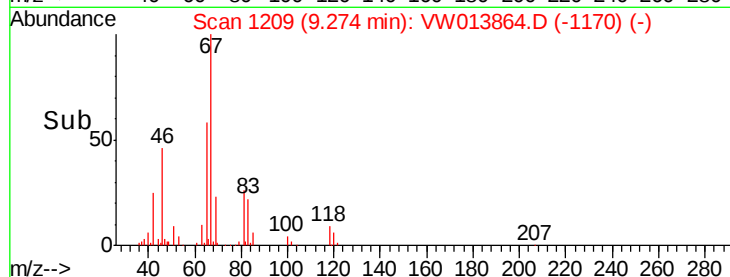
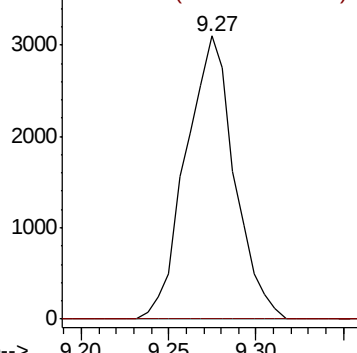
63 100

112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.345 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013864.D

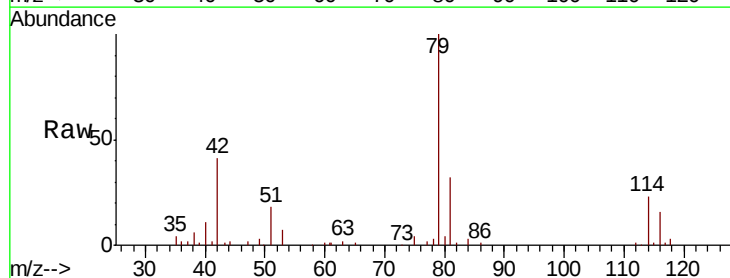
Acq: 31 Oct 2019 18:11

Tgt Ion: 75 Resp: 1252

Ion Ratio Lower Upper

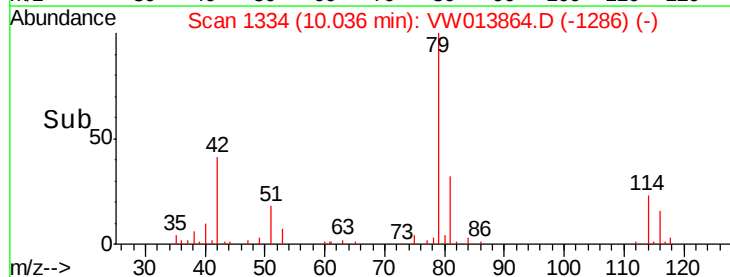
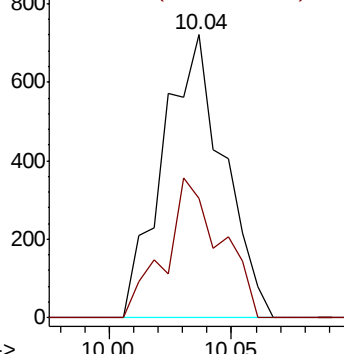
75 100

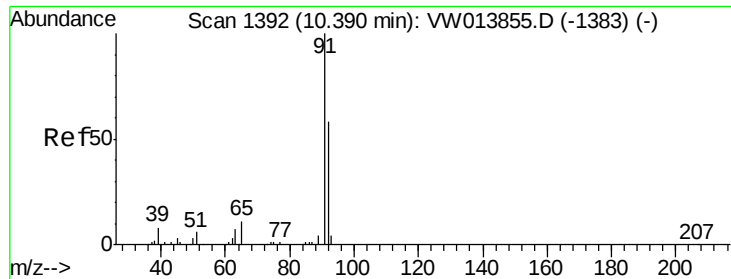
77 42.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.903 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013864.D

Acq: 31 Oct 2019 18:11

Instrument :

MSVOA_W

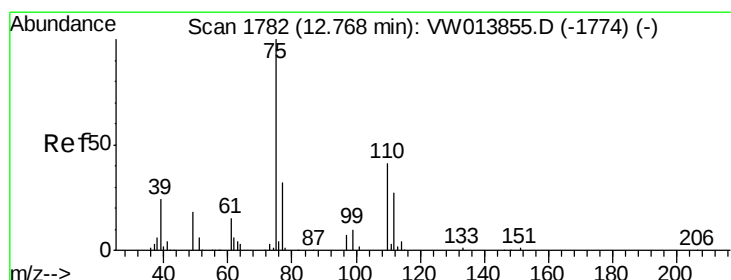
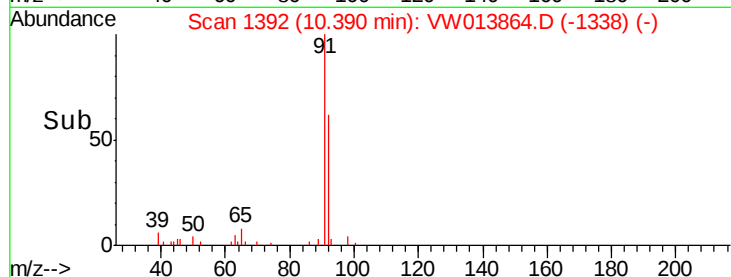
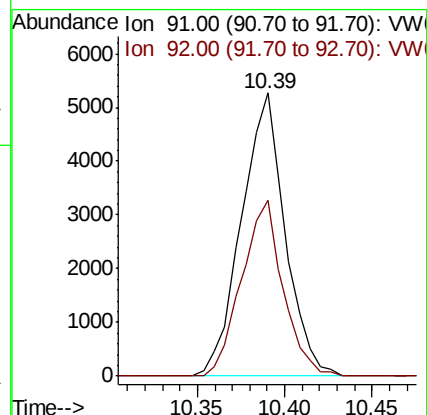
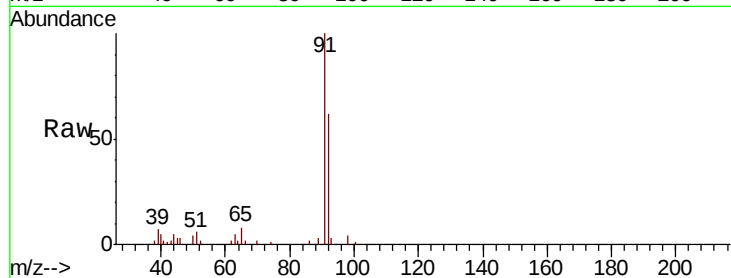
ClientSampleId :

Tot Ion: 91 Resp: 9113

Ion Ratio Lower Upper

91 100

92 62.3 42.0 78.0



#59

1,2,3-Trichloropropane

Concen: 3.528 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013864.D

Acq: 31 Oct 2019 18:11

Tgt Ion: 75 Resp: 6281

Ion Ratio Lower Upper

75 100

77 38.1 25.8 38.8

