

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013872.D
 Acq On : 31 Oct 2019 21:42
 Operator : SY/VA
 Sample : K5596-18
 Misc : 8.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:49 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	285595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	78785	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	2.89	69	65422	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
10) 1,1-Dichloroethene-d2	4.02	63	120641	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.07	46	65377	42.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.56%
24) Chloroform-d	7.65	84	185872	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.31	65	105142	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	8.27	84	382961	20.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.88%
33) 1,2-Dichloropropane-d6	9.27	67	121672	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	10.32	98	349574	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	10.58	79	46938	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.12%
39) 2-Hexanone-d5	10.92	63	53946	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109973	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	126641	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

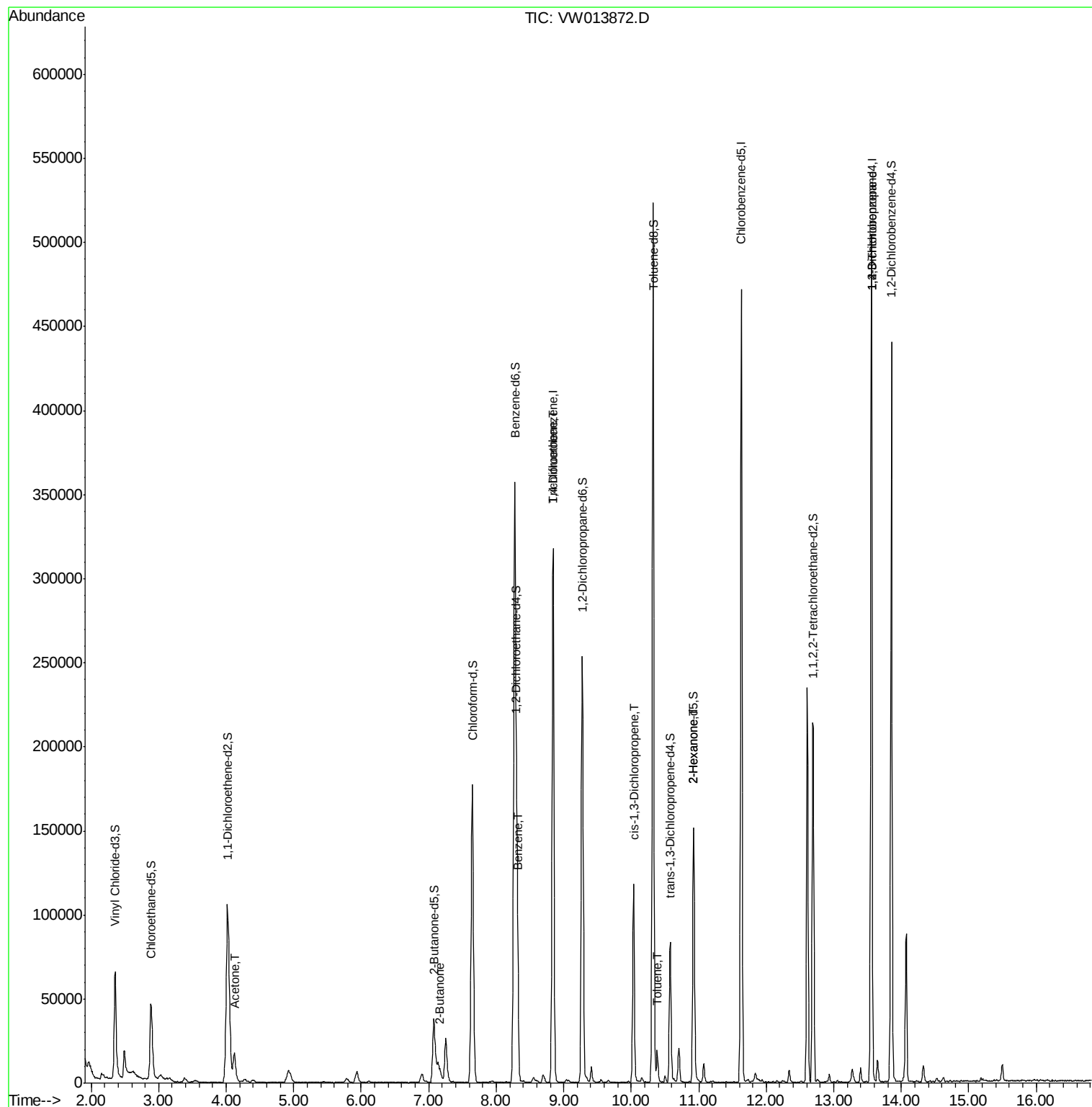
					Ovalue
13) Acetone	4.12	43	29515	20.639 ug/L	98
21) 2-Butanone	7.17	43	7261	3.538 ug/L	77
34) Benzene	8.32	78	8522	0.431 ug/L	100
35) Trichloroethene	8.84	95	7917	1.517 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	2683	0.350 ug/L #	79
44) Toluene	10.38	91	13707	0.642 ug/L	92
49) 2-Hexanone	10.93	43	6826	2.530 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	15349	4.073 ug/L	95

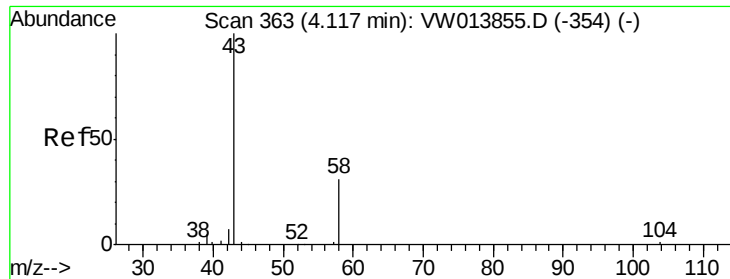
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 20.639 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013872.D

Acq: 31 Oct 2019 21:42

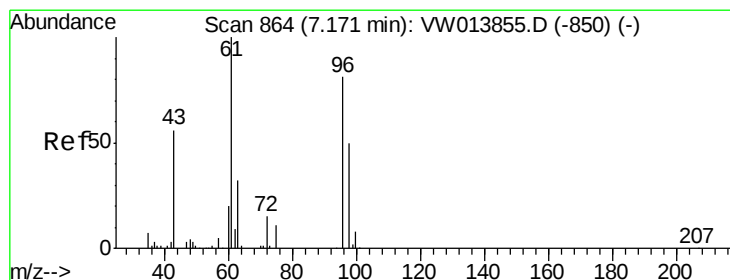
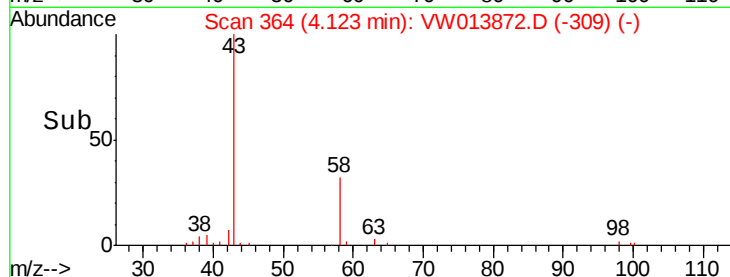
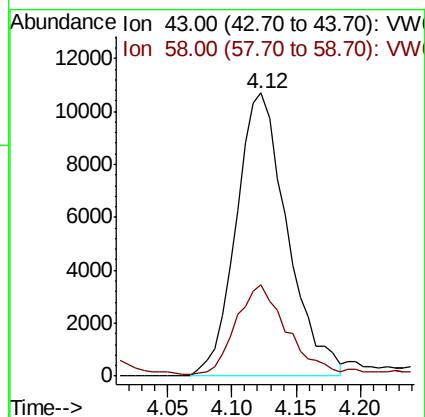
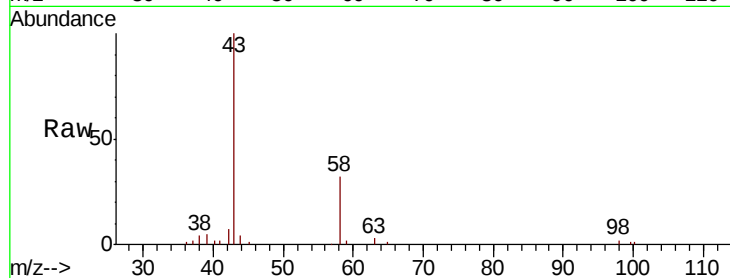
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 29515

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.4



#21

2-Butanone

Concen: 3.538 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013872.D

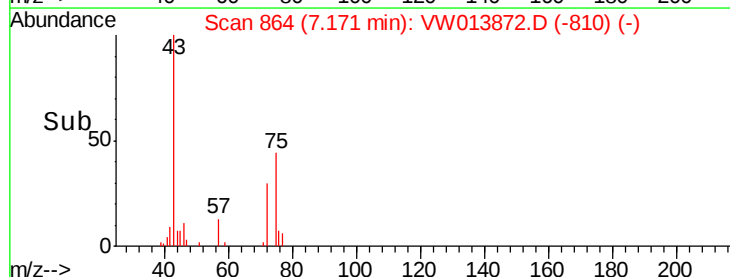
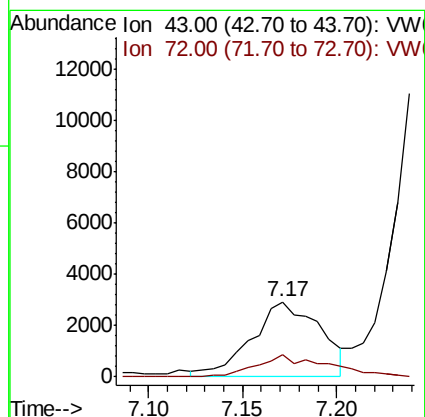
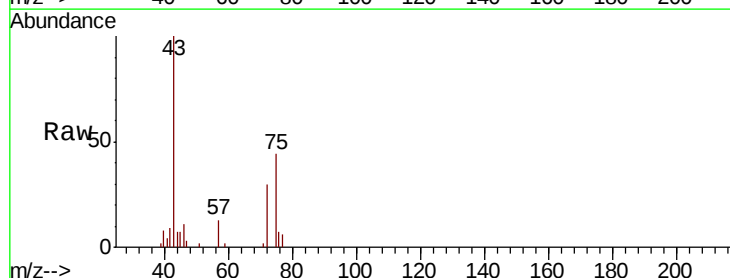
Acq: 31 Oct 2019 21:42

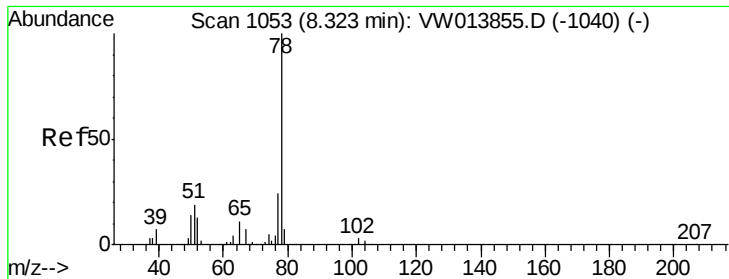
Tgt Ion: 43 Resp: 7261

Ion Ratio Lower Upper

43 100

72 16.0 14.0 41.9





#34

Benzene

Concen: 0.431 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013872.D

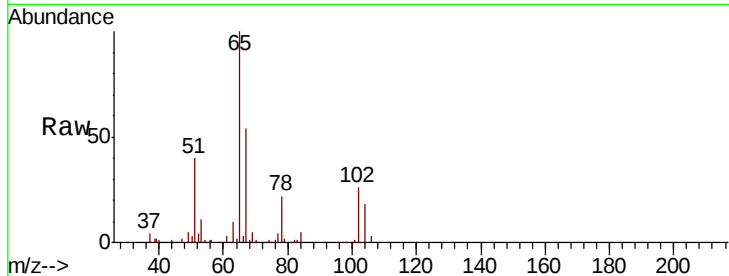
Acq: 31 Oct 2019 21:42

Instrument :

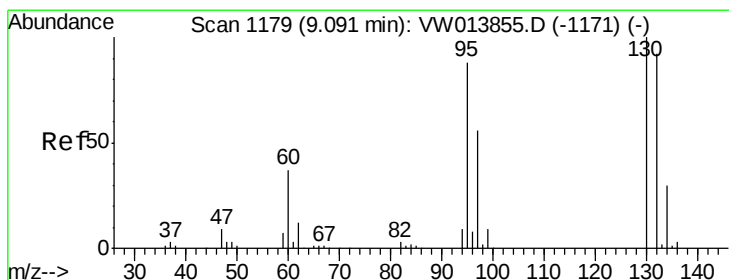
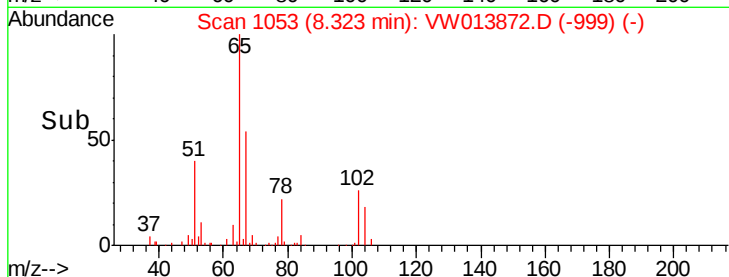
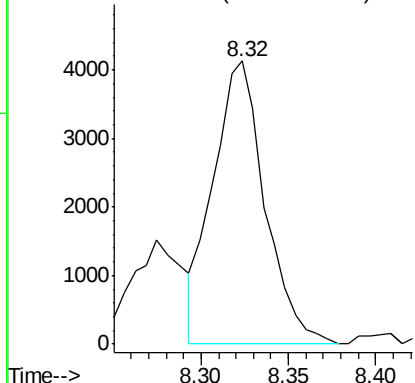
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 8522



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.517 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW013872.D

Acq: 31 Oct 2019 21:42

Tgt Ion: 95 Resp: 7917

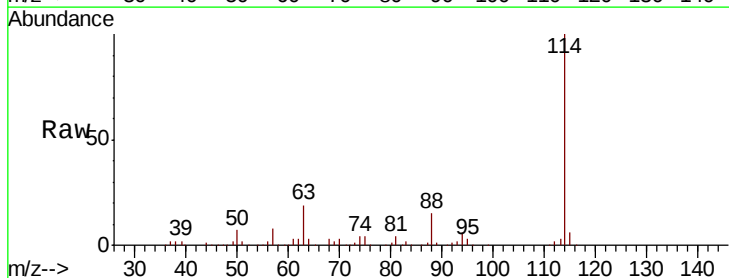
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 72.4 134.4#

130 0.0 76.6 142.3#

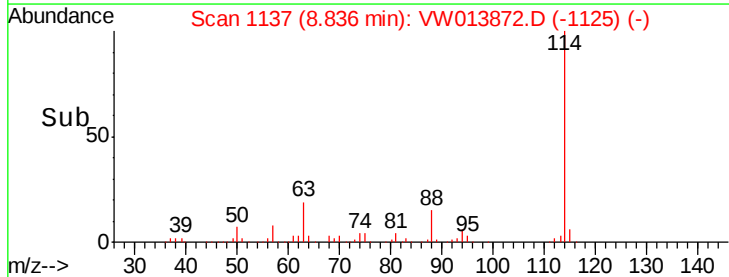
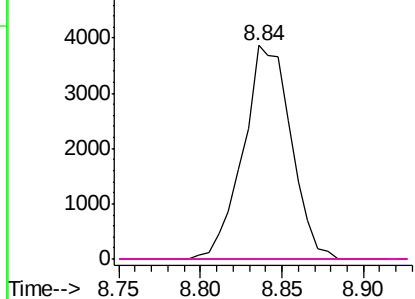


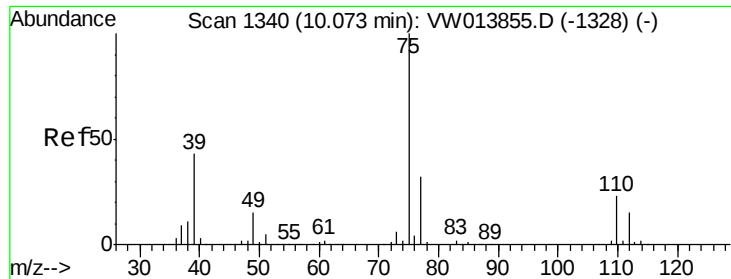
Abundance Ion 95.00 (94.70 to 95.70): VW

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

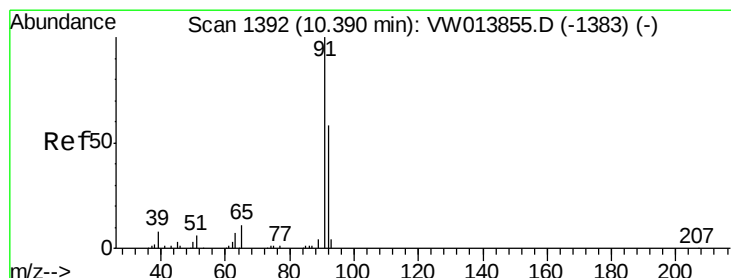
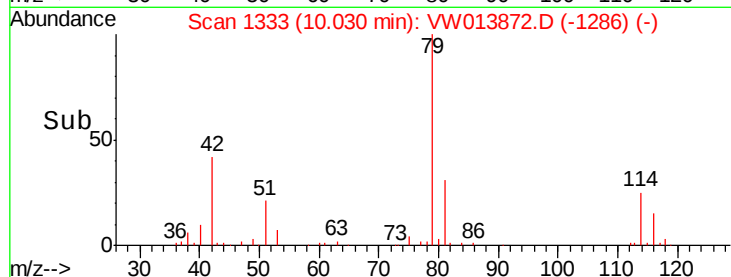
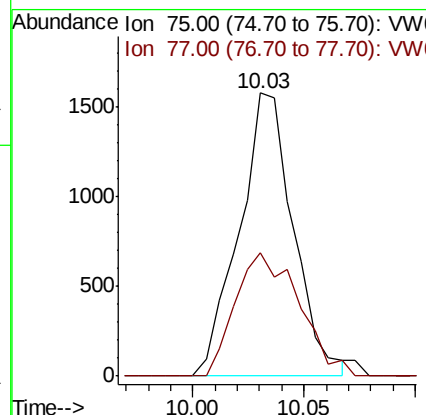
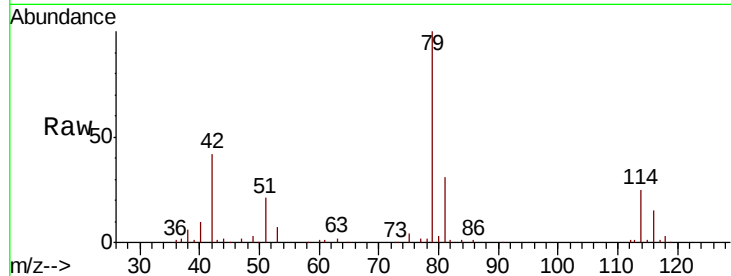




#42
 cis-1,3-Dichloropropene
 Concen: 0.350 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013872.D
 Acq: 31 Oct 2019 21:42

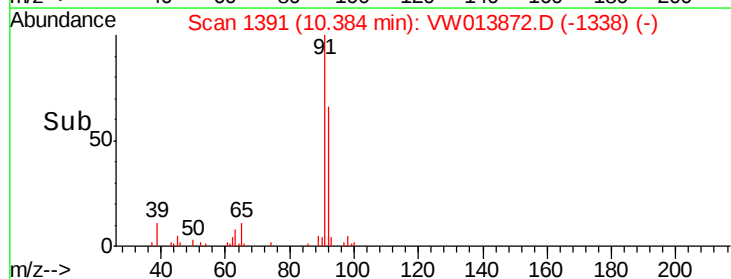
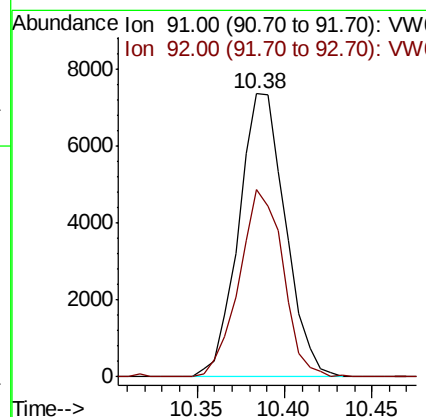
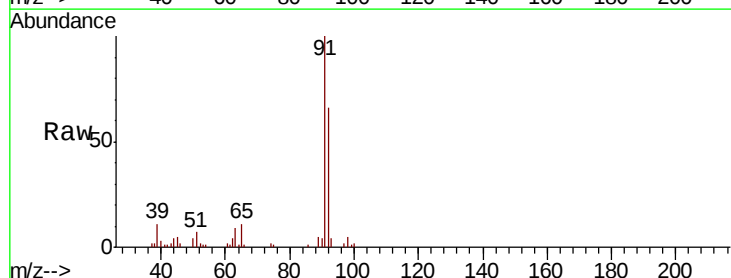
Instrument :
 MSVOA_W
 ClientSampleId :

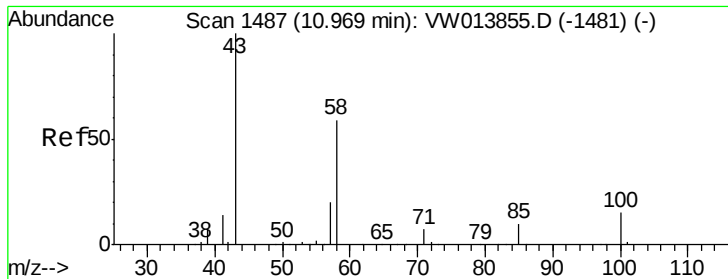
Tot Ion: 75 Resp: 2683
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.1 41.1#



#44
 Toluene
 Concen: 0.642 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW013872.D
 Acq: 31 Oct 2019 21:42

Tgt Ion: 91 Resp: 13707
 Ion Ratio Lower Upper
 91 100
 92 66.3 42.0 78.0





#49

2-Hexanone

Concen: 2.530 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW013872.D

Acq: 31 Oct 2019 21:42

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6826

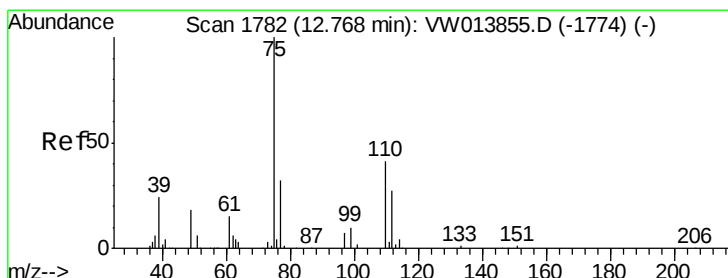
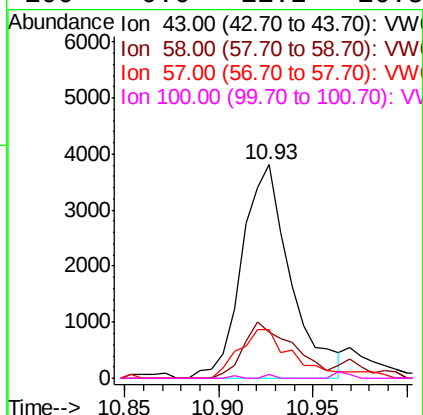
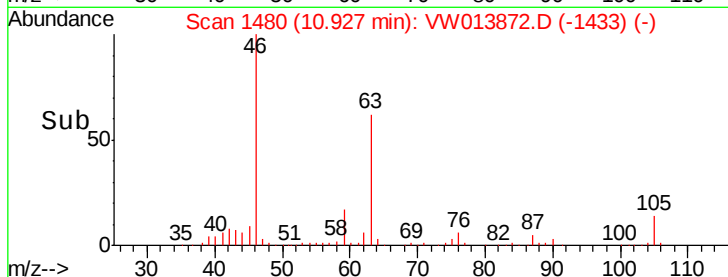
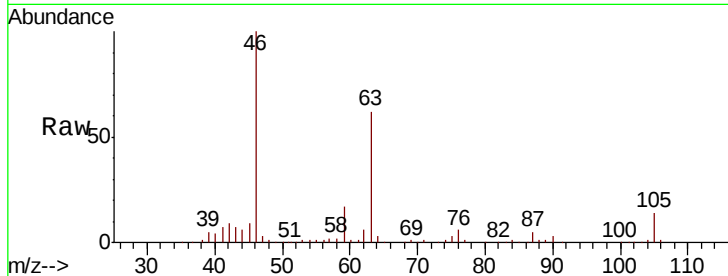
Ion Ratio Lower Upper

43 100

58 26.6 47.0 70.4#

57 25.5 16.0 24.0#

100 0.0 11.2 16.8#



#59

1,2,3-Trichloropropane

Concen: 4.073 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013872.D

Acq: 31 Oct 2019 21:42

Tgt Ion: 75 Resp: 15349

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

