

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014043.D
 Acq On : 15 Nov 2019 16:13
 Operator : SY/VA
 Sample : K5855-01
 Misc : 9.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118305	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
7) Chloroethane-d5	2.89	69	105475	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
10) 1,1-Dichloroethene-d2	4.01	63	185616	17.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	7.07	46	108983	73.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.22%#
24) Chloroform-d	7.65	84	273650	27.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.44%
26) 1,2-Dichloroethane-d4	8.31	65	158267	32.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.20%
29) Benzene-d6	8.27	84	568215	30.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.40%
33) 1,2-Dichloropropane-d6	9.27	67	178967	32.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.52%#
37) Toluene-d8	10.32	98	464533	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.64%
38) trans-1,3-Dichloropropene-	10.57	79	72685	30.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	123.76%
39) 2-Hexanone-d5	10.92	63	88183	84.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126838	30.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	92149	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

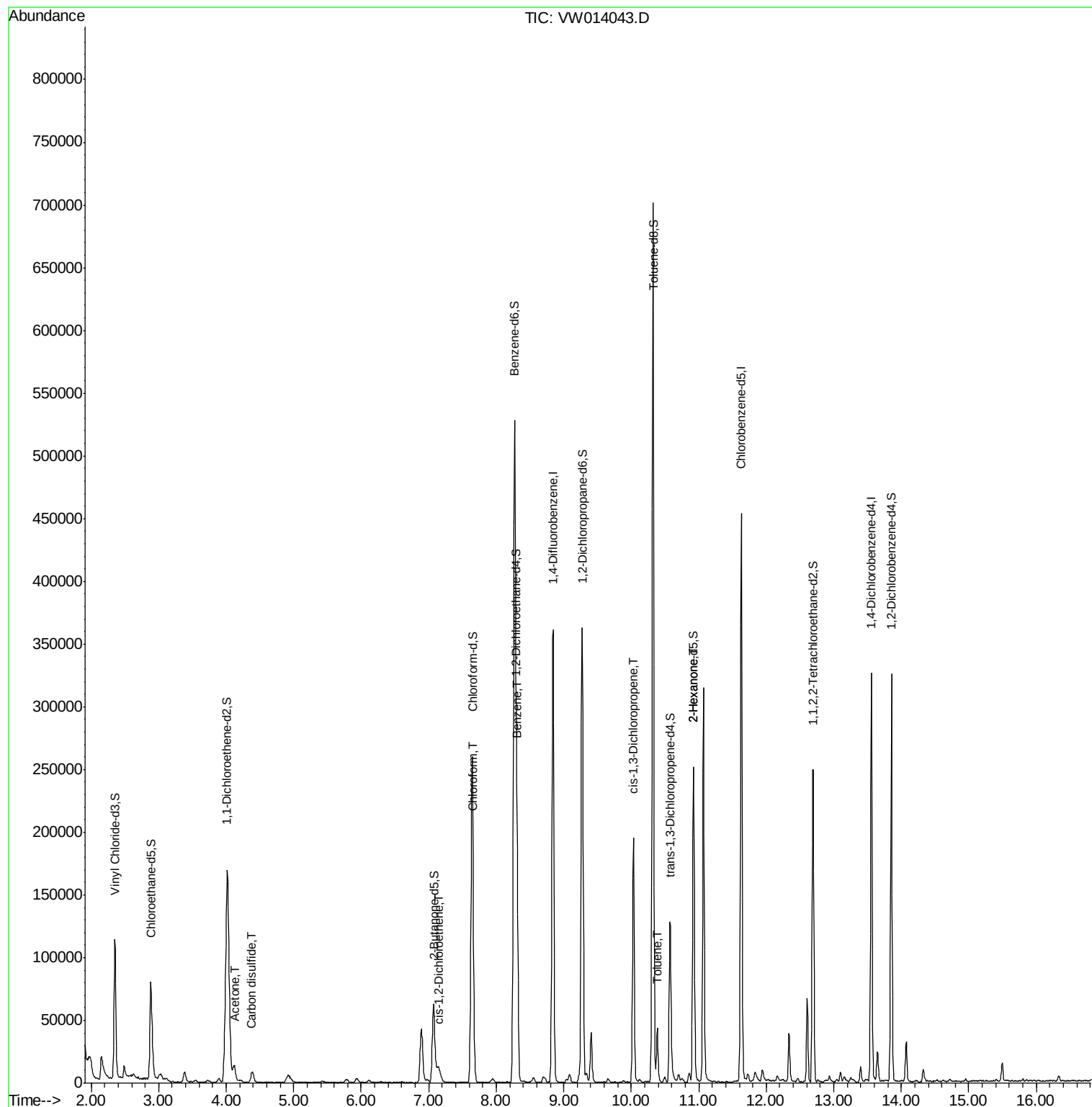
					Ovalue
13) Acetone	4.12	43	20049	13.308 ug/L	89
14) Carbon disulfide	4.37	76	5952	0.388 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	1842	0.311 ug/L #	70
25) Chloroform	7.67	83	4445	0.478 ug/L	77
34) Benzene	8.31	78	11978	0.619 ug/L	100
42) cis-1,3-Dichloropropene	10.03	75	4079	0.555 ug/L #	53
44) Toluene	10.39	91	31970	1.515 ug/L	97
49) 2-Hexanone	10.92	43	10301	4.644 ug/L #	64

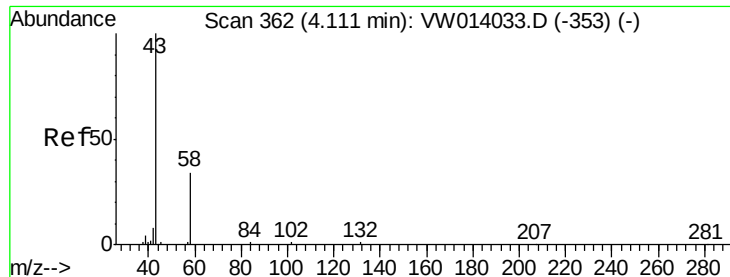
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.308 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Instrument :

MSVOA_W

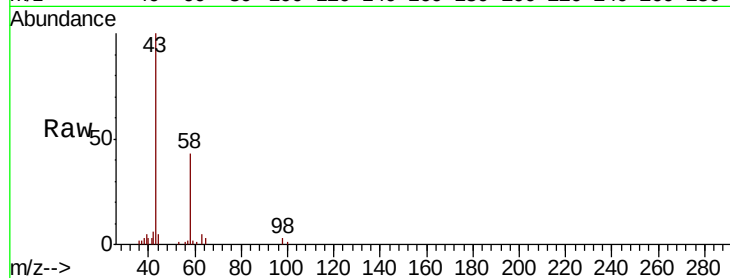
ClientSampleId :

Tot Ion: 43 Resp: 20049

Ion Ratio Lower Upper

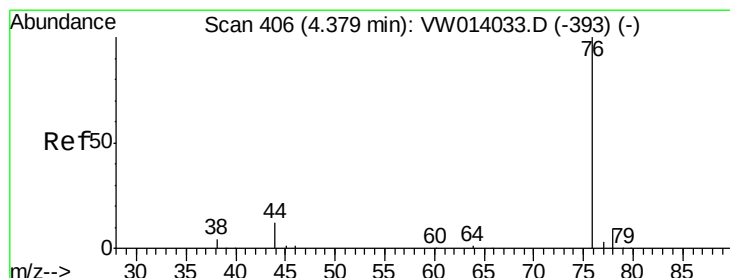
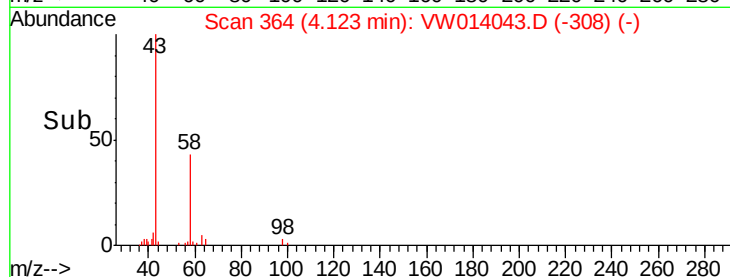
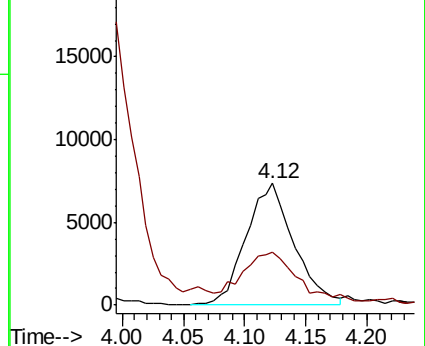
43 100

58 39.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.388 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014043.D

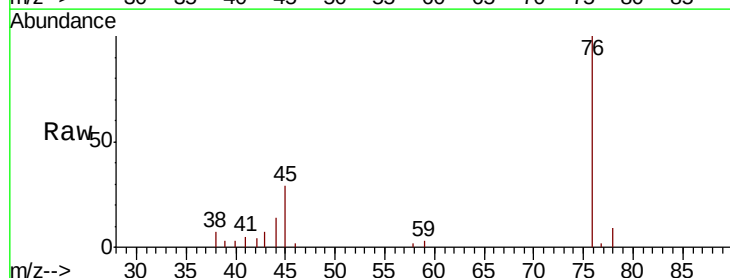
Acq: 15 Nov 2019 16:13

Tgt Ion: 76 Resp: 5952

Ion Ratio Lower Upper

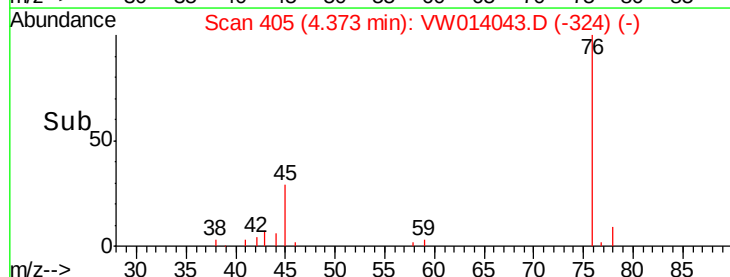
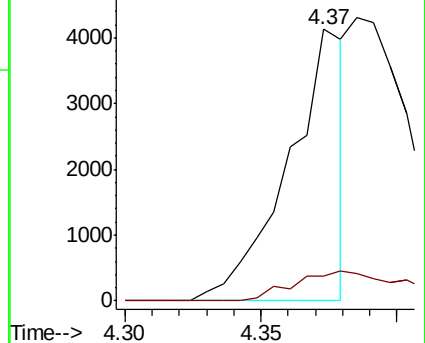
76 100

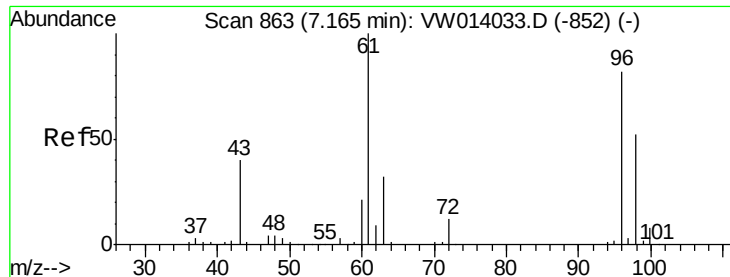
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



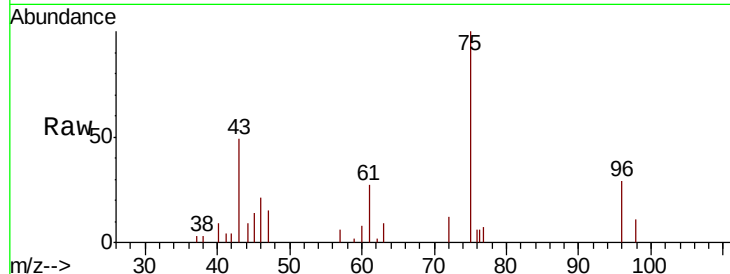


#22

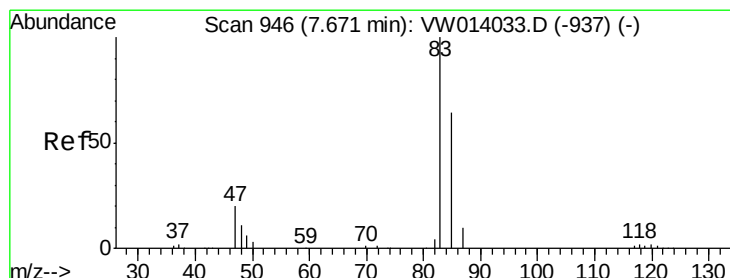
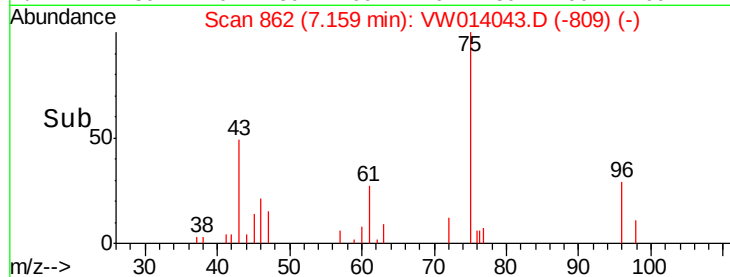
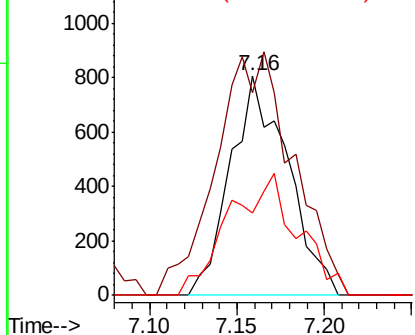
cis-1,2-Dichloroethene
 Concen: 0.311 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014043.D
 Acq: 15 Nov 2019 16:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 96 Resp: 1842
 Ion Ratio Lower Upper
 96 100
 61 92.2 86.9 161.5
 98 37.6 45.5 84.5#



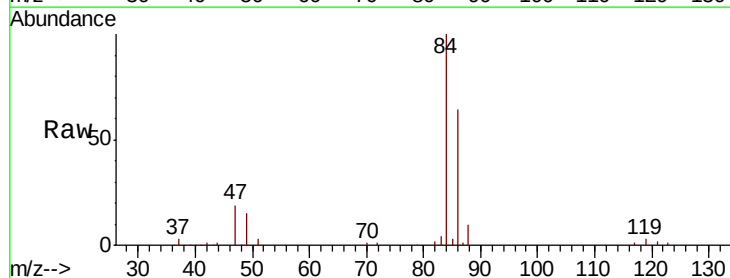
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



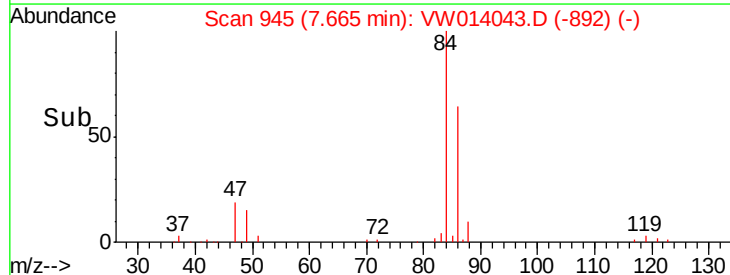
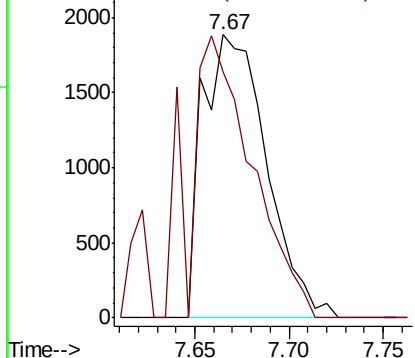
#25

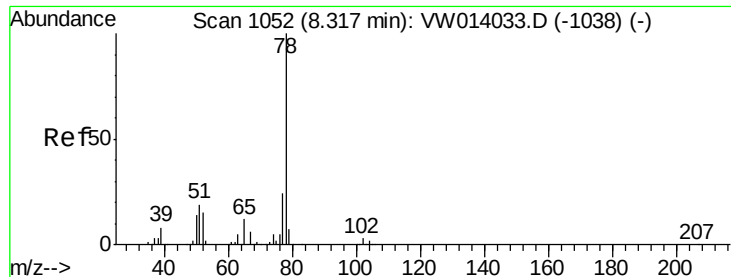
Chloroform
 Concen: 0.478 ug/L
 RT: 7.67 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VW014043.D
 Acq: 15 Nov 2019 16:13

Tgt Ion: 83 Resp: 4445
 Ion Ratio Lower Upper
 83 100
 85 84.3 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW





#34

Benzene

Concen: 0.619 ug/L

RT: 8.31 min Scan# 1051

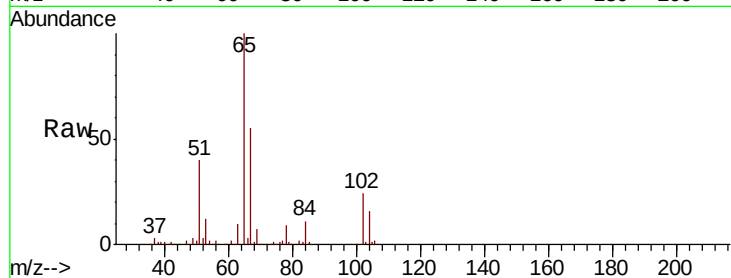
Delta R.T. -0.01 min

Lab File: VW014043.D

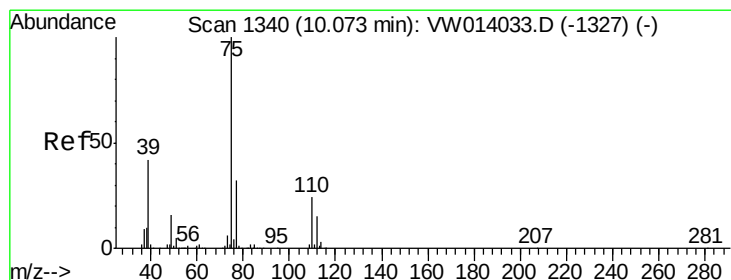
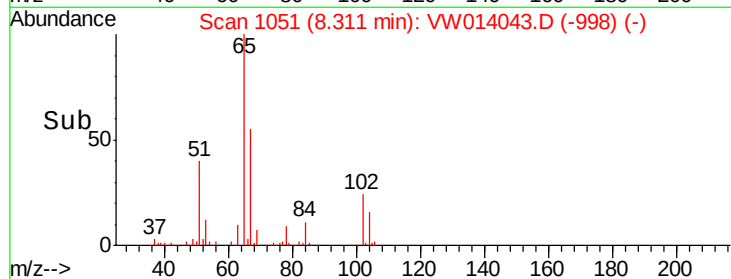
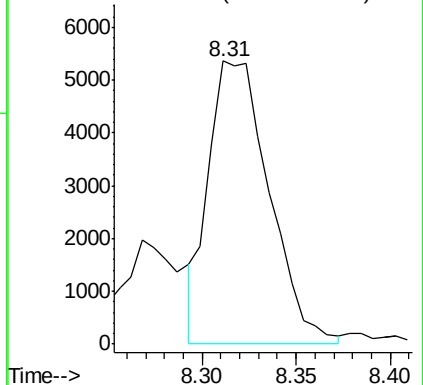
Acq: 15 Nov 2019 16:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 11978



Abundance Ion 78.00 (77.70 to 78.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014043.D

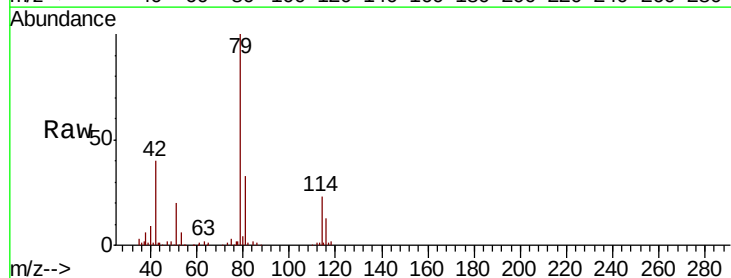
Acq: 15 Nov 2019 16:13

Tgt Ion: 75 Resp: 4079

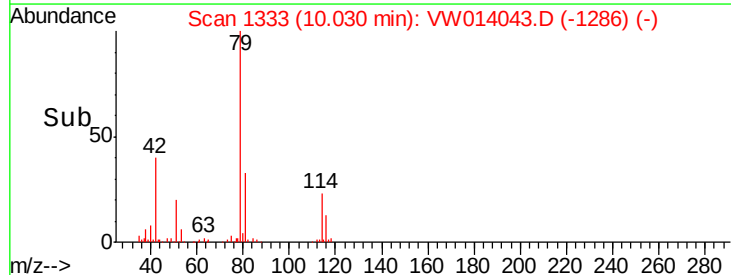
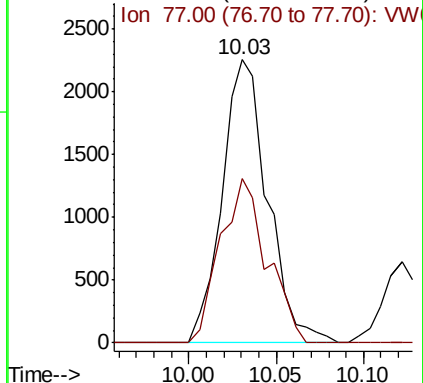
Ion Ratio Lower Upper

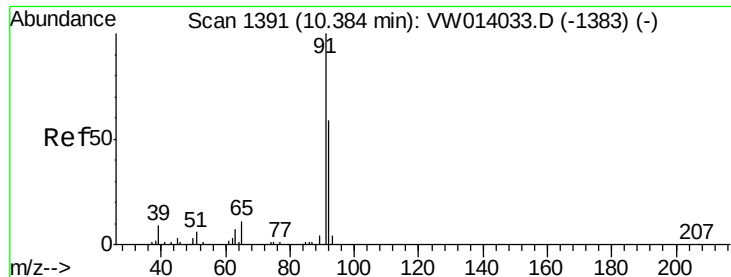
75 100

77 57.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW





#44

Toluene

Concen: 1.515 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Instrument :

MSVOA_W

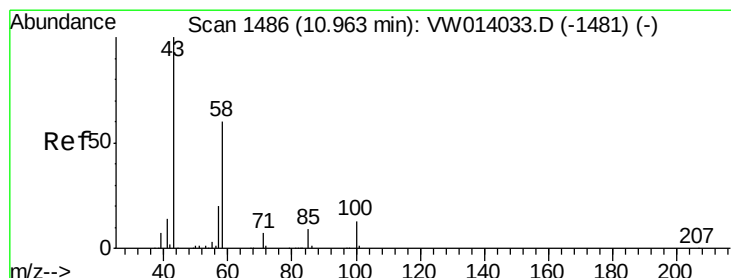
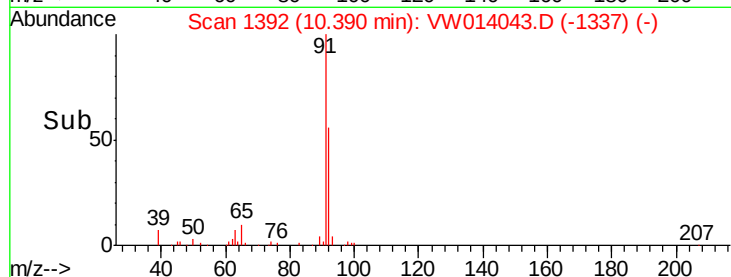
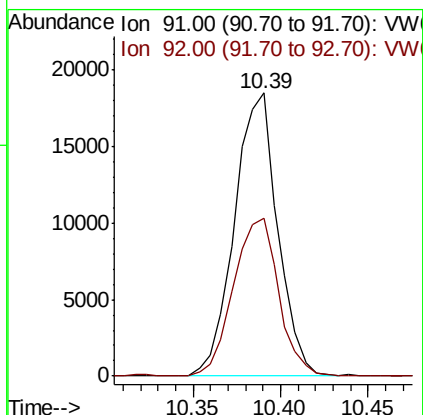
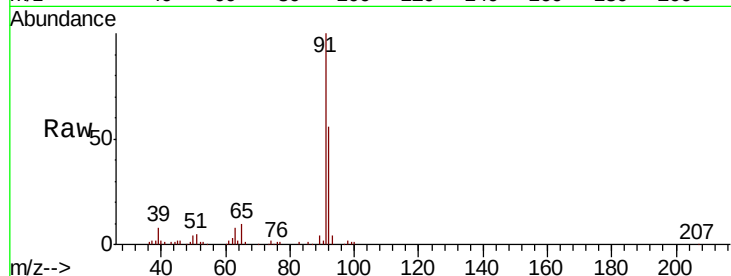
ClientSampleId :

Tot Ion: 91 Resp: 31970

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.7



#49

2-Hexanone

Concen: 4.644 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Tgt Ion: 43 Resp: 10301

Ion Ratio Lower Upper

43 100

58 22.8 44.4 66.6#

57 26.5 16.5 24.7#

100 0.2 11.1 16.7#

