

Data File : VW014099.D
Acq On : 22 Nov 2019 17:09
Operator : SY/VA
Sample : K5989-06RE
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ7RE

Quant Time: Nov 22 23:04:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	187144	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	83905	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82110	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
7) Chloroethane-d5	2.89	69	82345	34.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.08%
10) 1,1-Dichloroethene-d2	4.02	63	121349	19.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.20%
20) 2-Butanone-d5	7.07	46	62399	71.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.88%#
24) Chloroform-d	7.65	84	206913	35.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	143.84%
26) 1,2-Dichloroethane-d4	8.31	65	89610	30.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.92%
29) Benzene-d6	8.27	84	390784	65.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	262.56%#
33) 1,2-Dichloropropane-d6	9.27	67	124881	71.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	286.44%#
37) Toluene-d8	10.32	98	220260	39.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	156.08%#
38) trans-1,3-Dichloropropene-	10.57	79	16577	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	10.93	63	28318	85.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59297	45.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	180.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	18621	35.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	141.08%#

Target Compounds

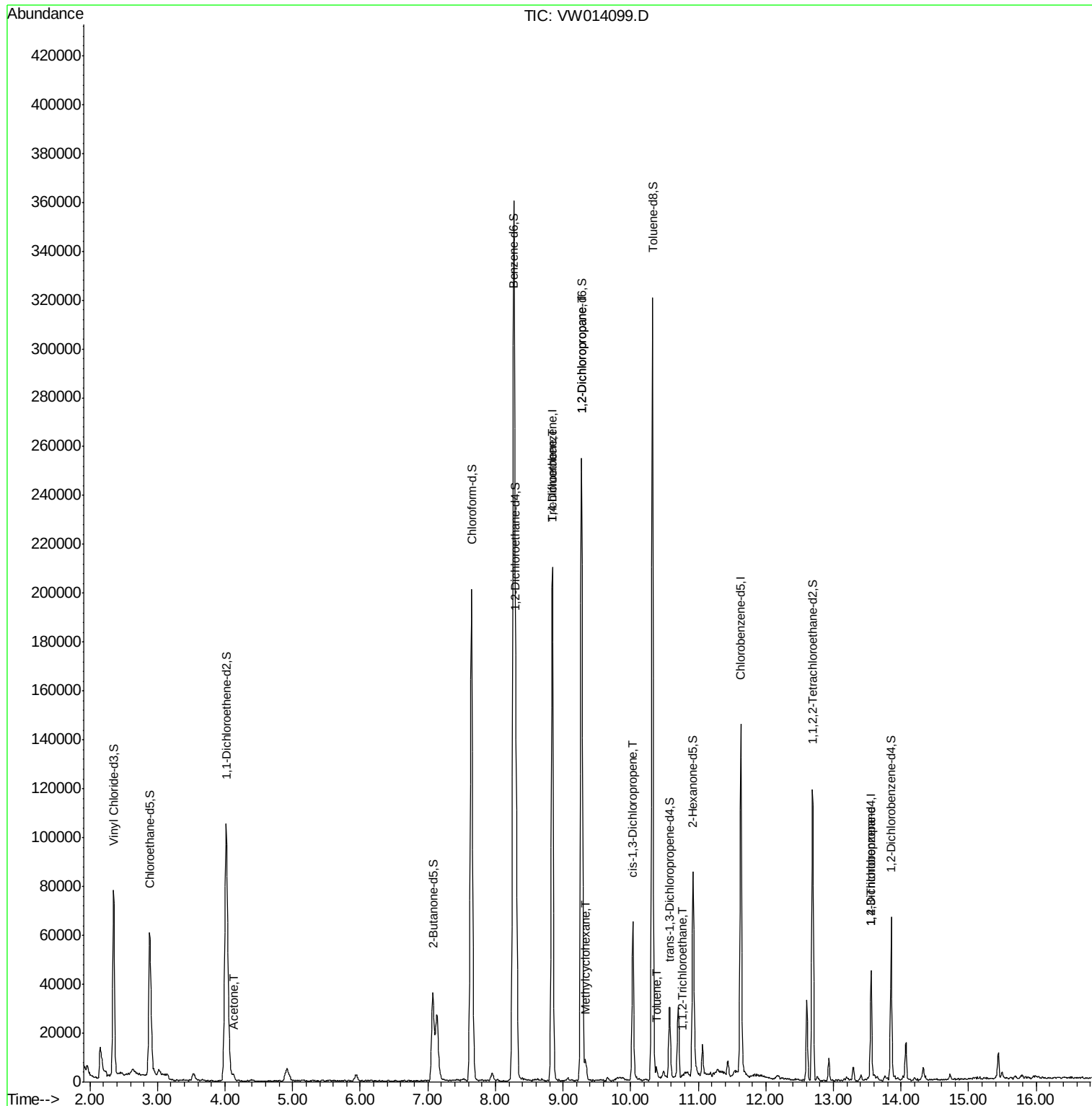
					Qvalue
13) Acetone	4.13	43	2786	3.156 ug/L	79
35) Trichloroethene	8.84	95	5313	3.236 ug/L #	2
36) Methylcyclohexane	9.33	83	2901	0.986 ug/L #	94
40) 1,2-Dichloropropane	9.27	63	12841	8.667 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1816	0.777 ug/L #	70
44) Toluene	10.39	91	3415	0.509 ug/L	96
46) 1,1,2-Trichloroethane	10.76	97	508	0.467 ug/L #	15
59) 1,2,3-Trichloropropane	13.56	75	1666	1.743 ug/L	89

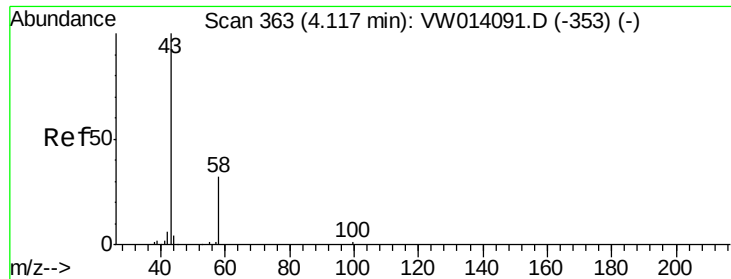
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.156 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 22 Nov 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

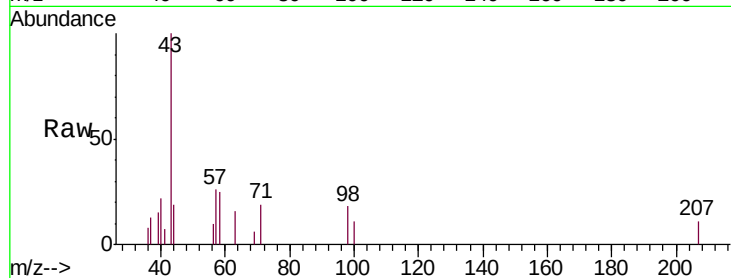
C0BJ7RE

Tgt Ion: 43 Resp: 2786

Ion Ratio Lower Upper

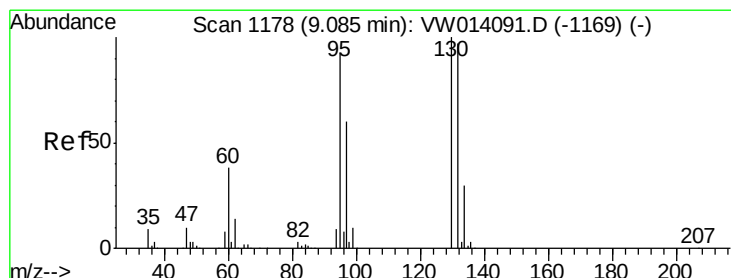
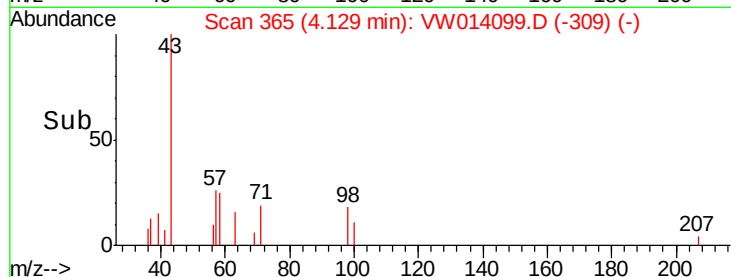
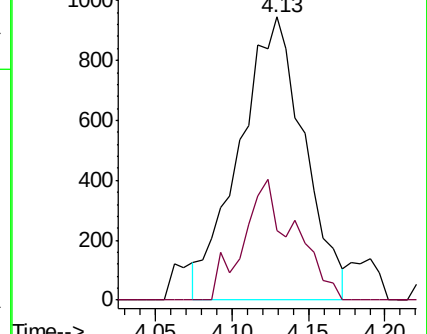
43 100

58 20.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 3.236 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Acq: 22 Nov 2019 17:09

Tgt Ion: 95 Resp: 5313

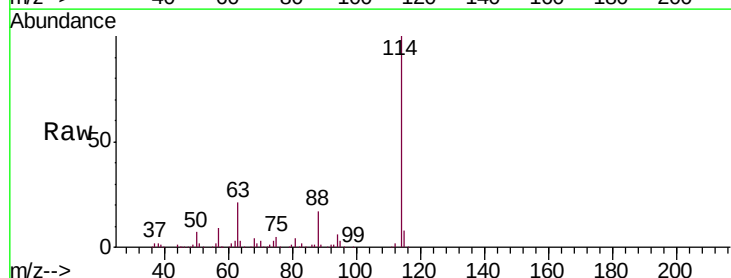
Ion Ratio Lower Upper

95 100

97 1.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

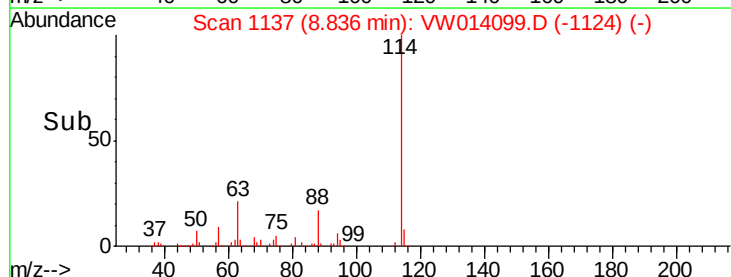
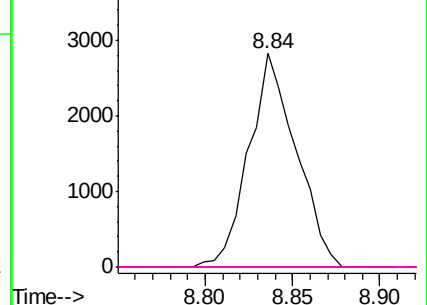


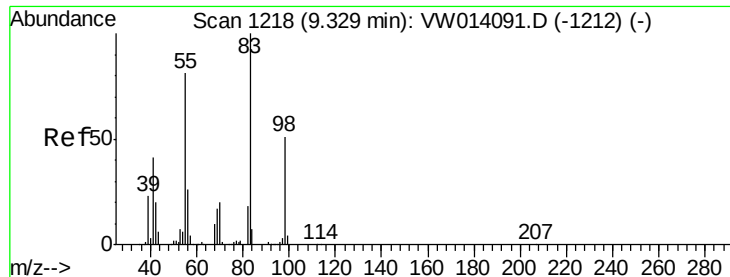
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#36

Methylcyclohexane

Concen: 0.986 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. 0.00 min

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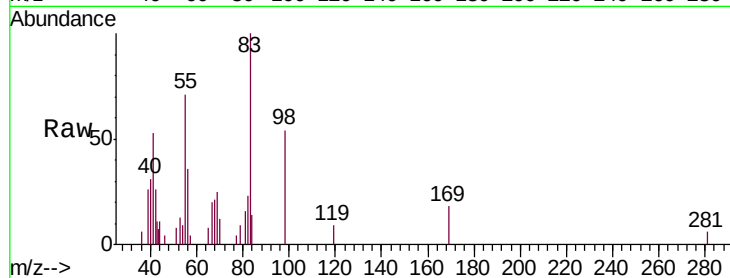
Tgt Ion: 83 Resp: 2901

Ion Ratio Lower Upper

83 100

55 74.8 59.8 89.8

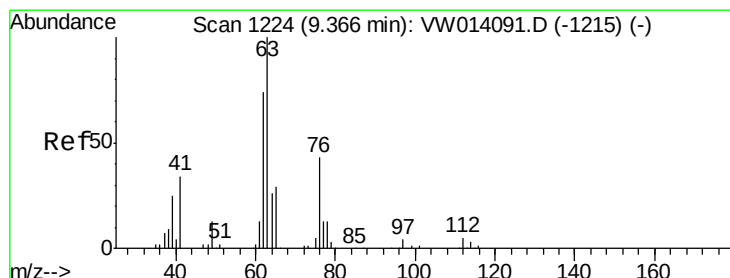
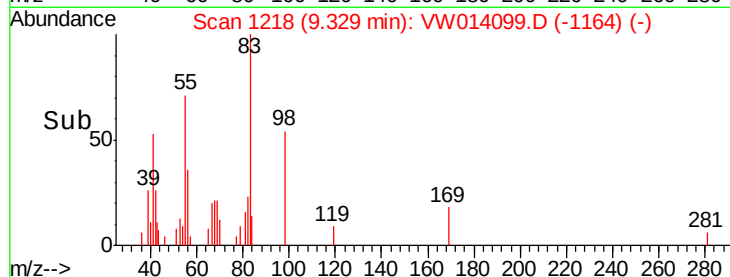
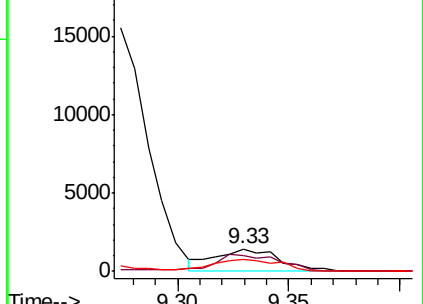
98 38.7 39.5 59.3#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

1,2-Dichloropropane

Concen: 8.667 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW014099.D

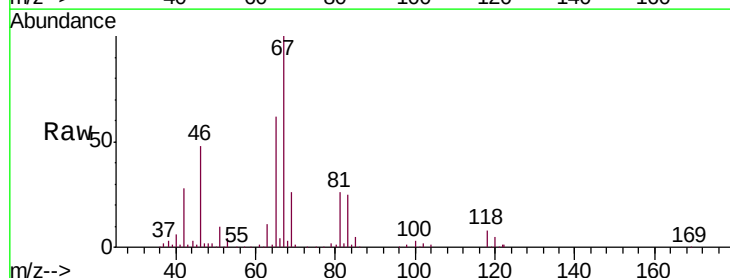
Acq: 22 Nov 2019 17:09

Tgt Ion: 63 Resp: 12841

Ion Ratio Lower Upper

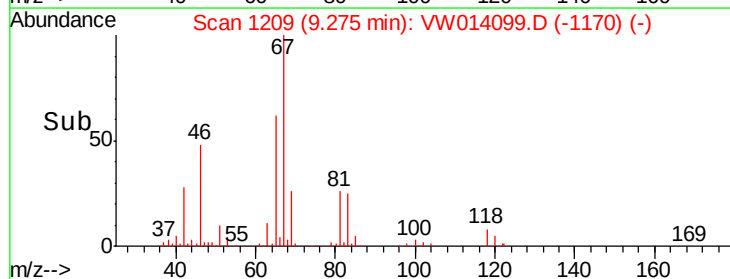
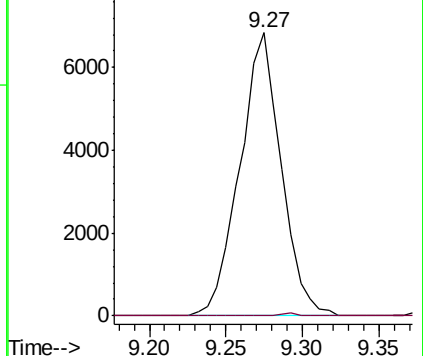
63 100

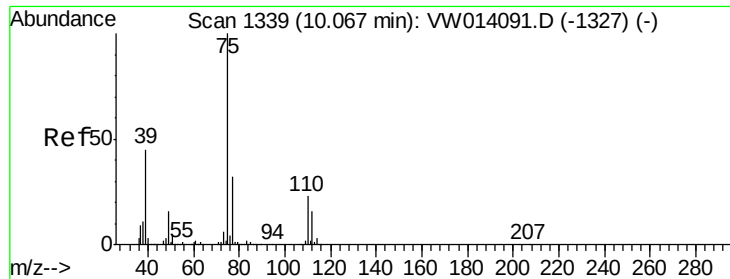
112 0.3 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.777 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014099.D

Acq: 22 Nov 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

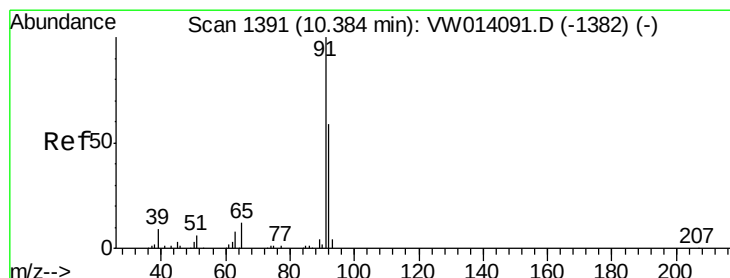
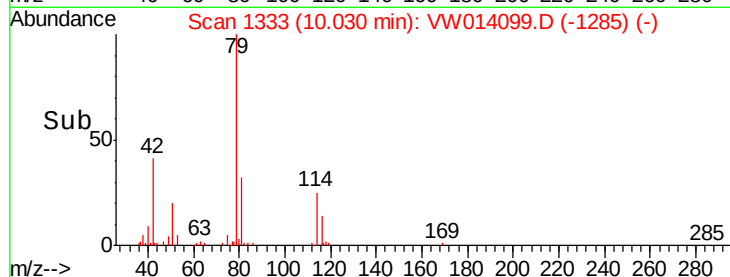
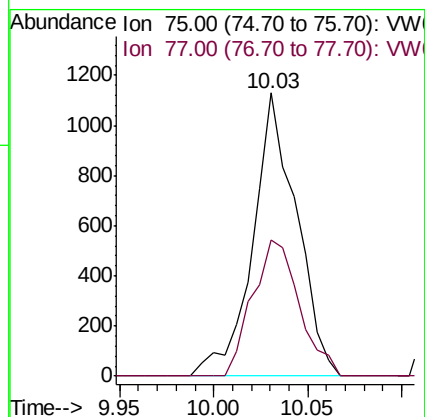
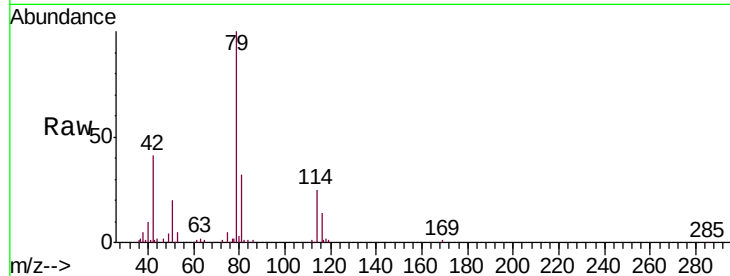
C0BJ7RE

Tgt Ion: 75 Resp: 1816

Ion Ratio Lower Upper

75 100

77 48.2 22.1 41.1#



#44

Toluene

Concen: 0.509 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014099.D

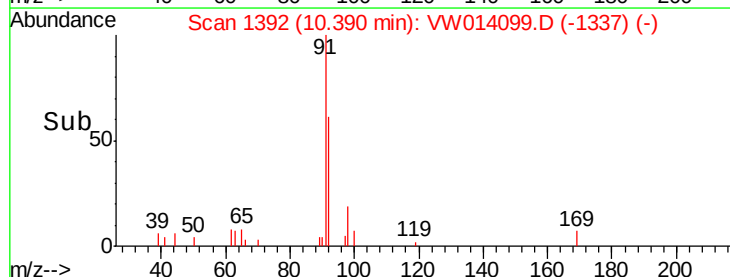
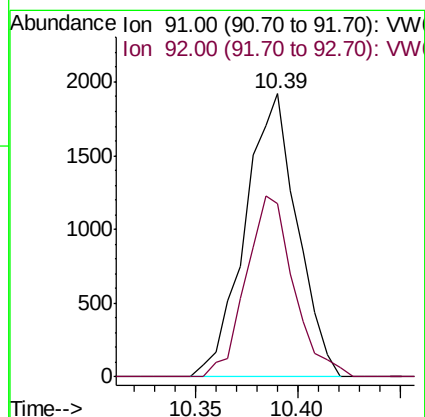
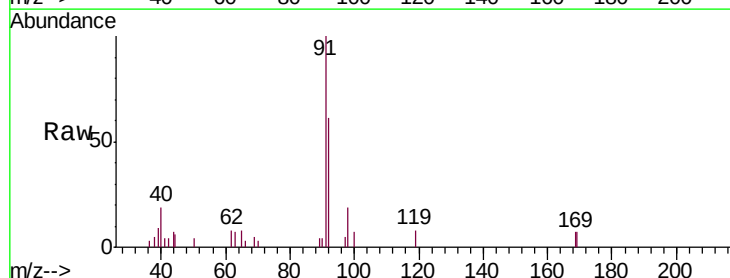
Acq: 22 Nov 2019 17:09

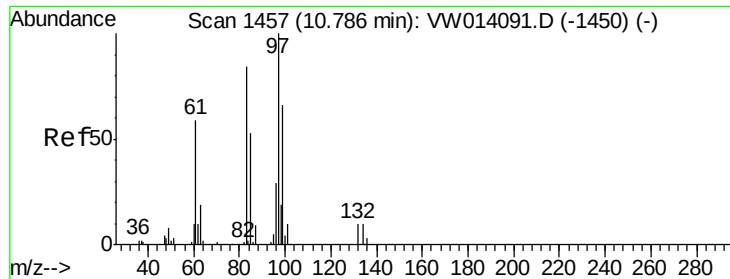
Tgt Ion: 91 Resp: 3415

Ion Ratio Lower Upper

91 100

92 61.4 40.7 75.7

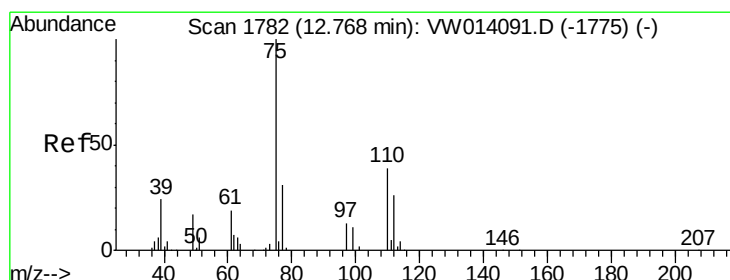
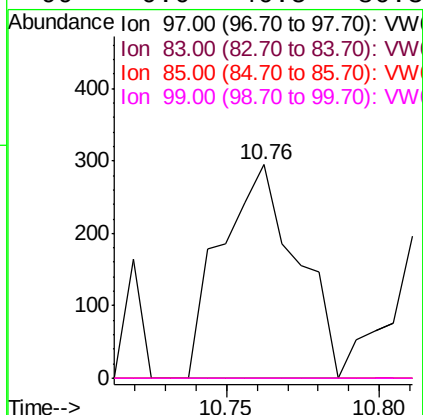
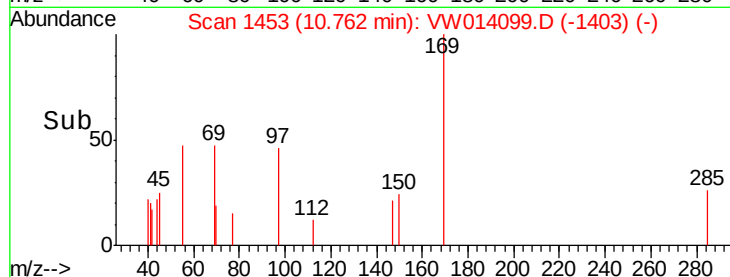
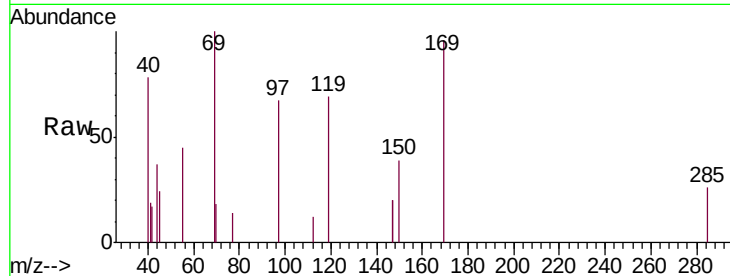




#46
 1,1,2-Trichloroethane
 Concen: 0.467 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW014099.D
 Acq: 22 Nov 2019 17:09

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ7RE

Tgt Ion: 97 Resp: 508
 Ion Ratio Lower Upper
 97 100
 83 0.0 58.9 109.5#
 85 0.0 38.1 70.9#
 99 0.0 46.5 86.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.743 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW014099.D
 Acq: 22 Nov 2019 17:09

Tgt Ion: 75 Resp: 1666
 Ion Ratio Lower Upper
 75 100
 77 26.3 25.9 38.9

