

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102519\
 Data File : VW013746.D
 Acq On : 25 Oct 2019 14:22
 Operator : SY/VA
 Sample : K5549-01
 Misc : 4.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ54

Quant Time: Oct 26 03:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343530	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119501	28.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.40%
7) Chloroethane-d5	2.89	69	96323	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.92%
10) 1,1-Dichloroethene-d2	4.02	63	181631	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.04%
20) 2-Butanone-d5	7.08	46	76562	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
24) Chloroform-d	7.65	84	244664	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	8.31	65	135546	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	521476	29.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.16%
33) 1,2-Dichloropropane-d6	9.27	67	158888	29.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.52%
37) Toluene-d8	10.32	98	463543	27.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.96%
38) trans-1,3-Dichloropropene-	10.58	79	68609	28.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.44%
39) 2-Hexanone-d5	10.93	63	63126	61.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125415	28.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	110131	25.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.92%

Target Compounds

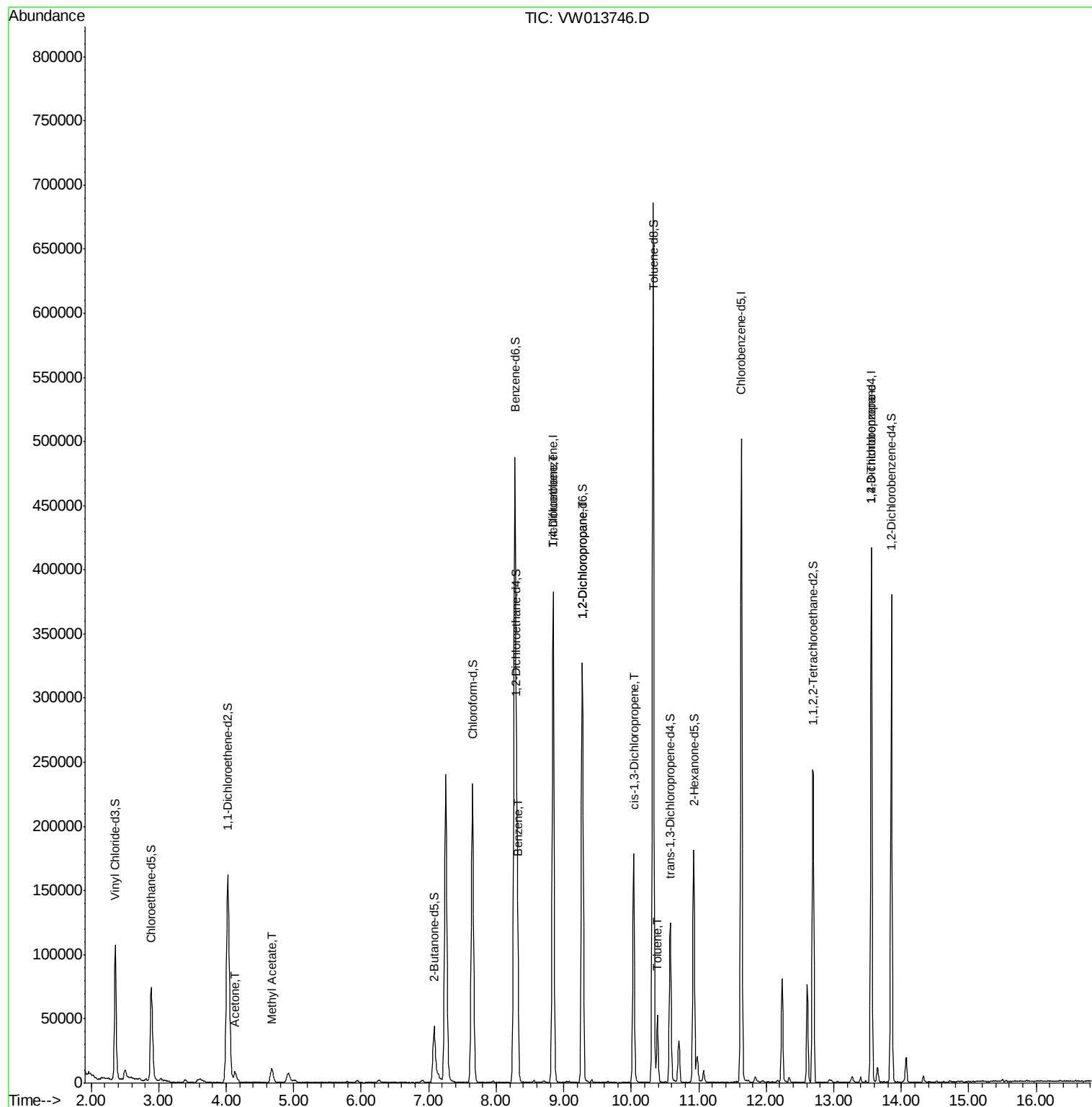
					Ovalue
13) Acetone	4.14	43	15286	9.136 ug/L	96
15) Methyl Acetate	4.67	43	21014	7.687 ug/L	96
34) Benzene	8.32	78	8757	0.408 ug/L	100
35) Trichloroethene	8.84	95	9707	1.764 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16123	3.075 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	3836	0.463 ug/L #	72
44) Toluene	10.39	91	39284	1.705 ug/L	94
59) 1,2,3-Trichloropropane	13.55	75	12557	3.553 ug/L	98

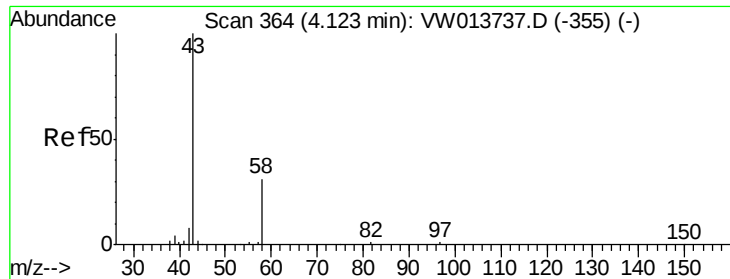
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 03:41:35 2019
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Quant Title : VOC Analysis
QLast Update : Sat Oct 26 03:37:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.136 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

Instrument :

MSVOA_W

ClientSampled :

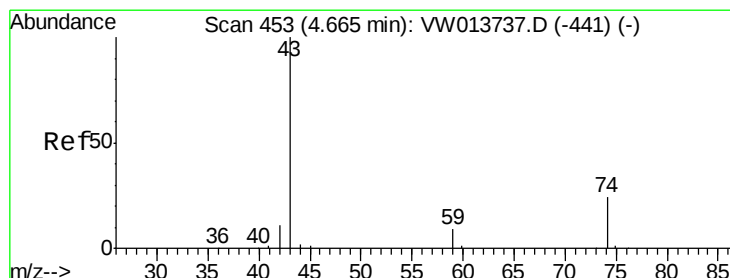
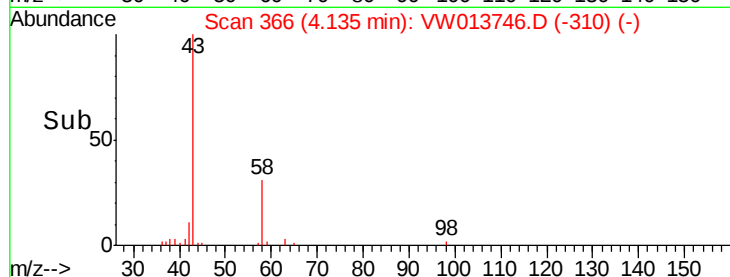
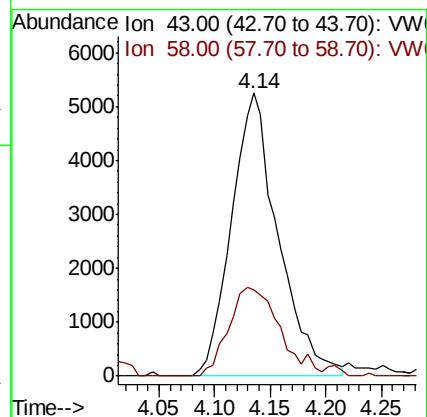
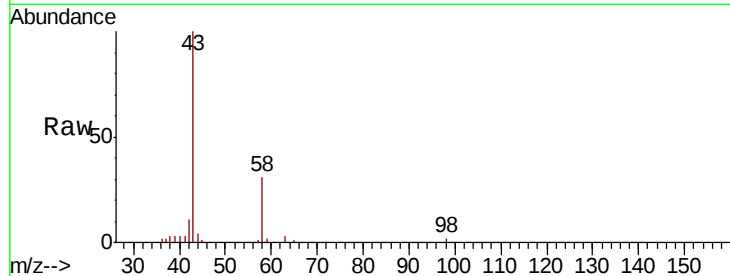
GAQ54

Tot Ion: 43 Resp: 15286

Ion Ratio Lower Upper

43 100

58 32.8 0.0 70.4



#15

Methyl Acetate

Concen: 7.687 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013746.D

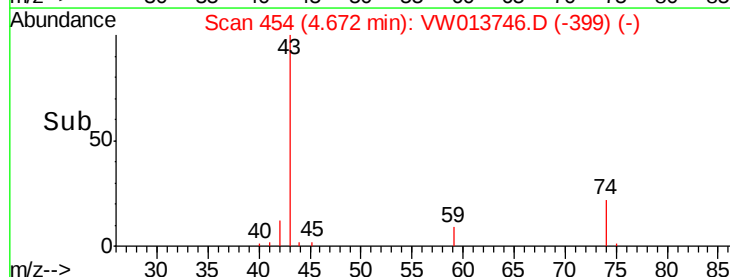
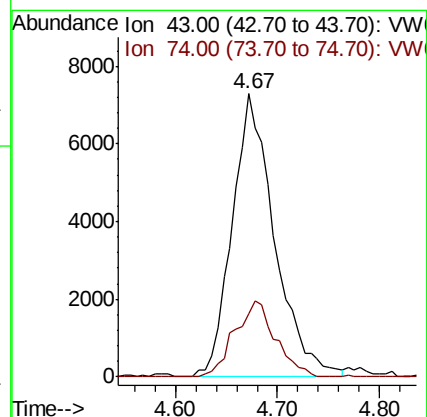
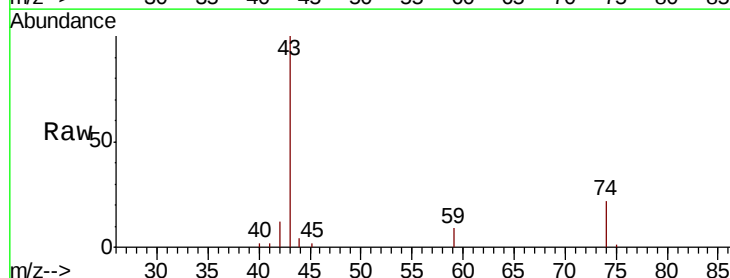
Acq: 25 Oct 2019 14:22

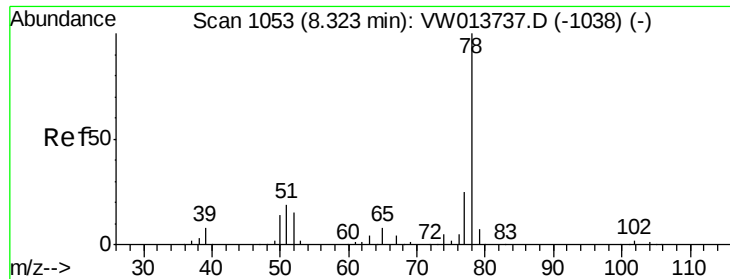
Tgt Ion: 43 Resp: 21014

Ion Ratio Lower Upper

43 100

74 25.8 19.2 28.8





#34

Benzene

Concen: 0.408 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

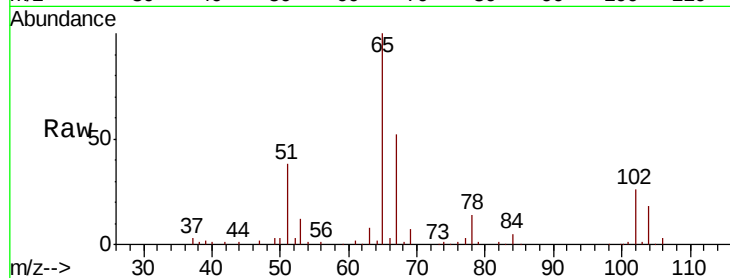
Instrument :

MSVOA_W

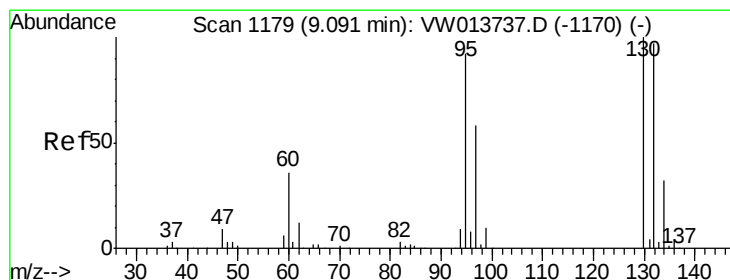
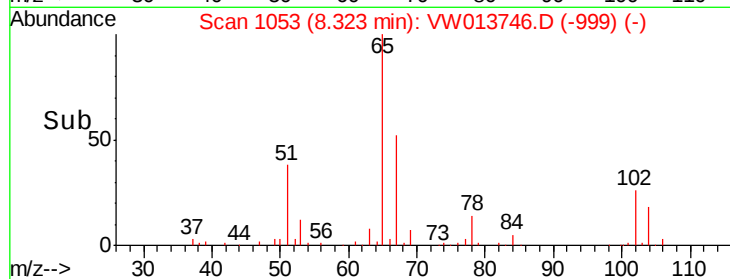
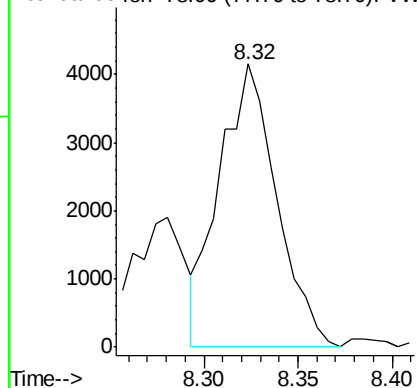
ClientSampleId :

GAQ54

Tgt Ion: 78 Resp: 8757



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.764 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

Tgt Ion: 95 Resp: 9707

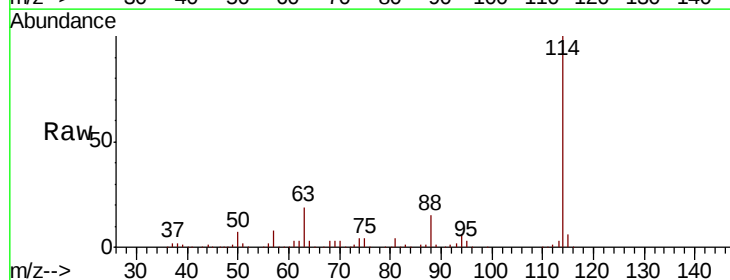
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

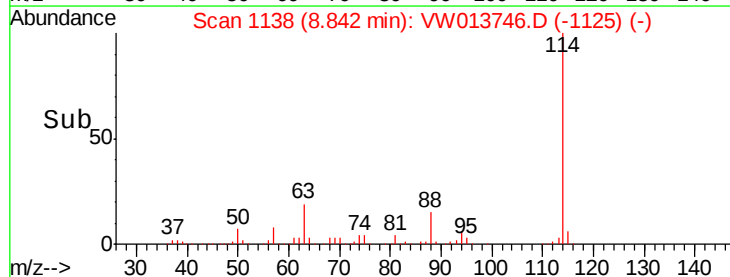
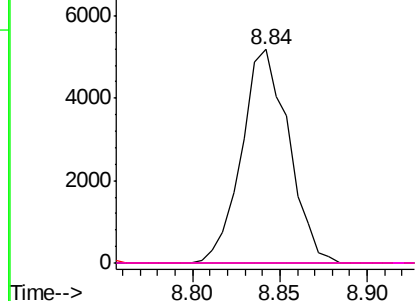


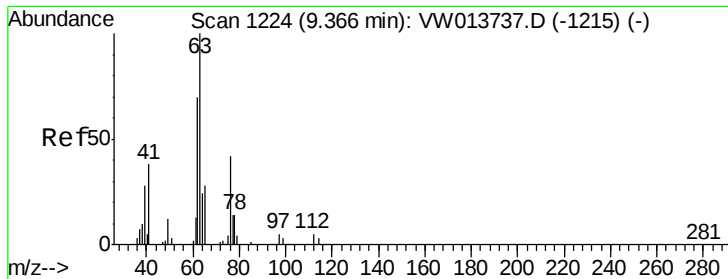
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.075 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

Instrument :

MSVOA_W

ClientSampleId :

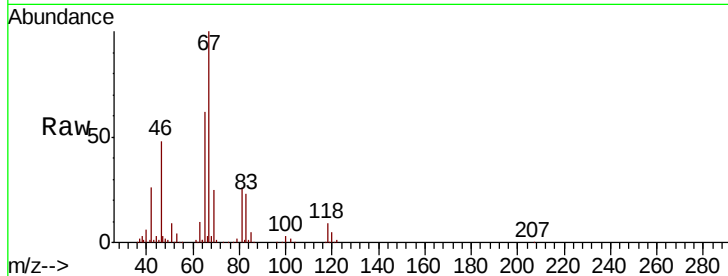
GAQ54

Tot Ion: 63 Resp: 16123

Ion Ratio Lower Upper

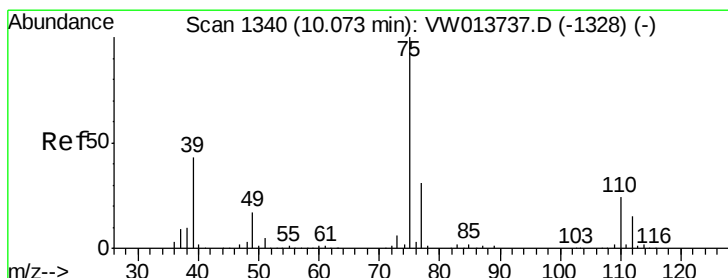
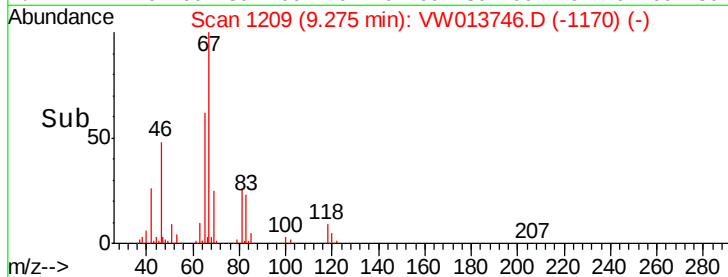
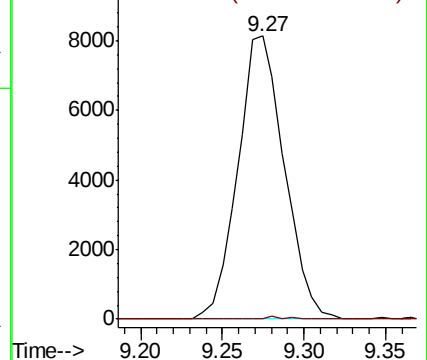
63 100

112 0.2 3.9 5.9#



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: 0.463 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013746.D

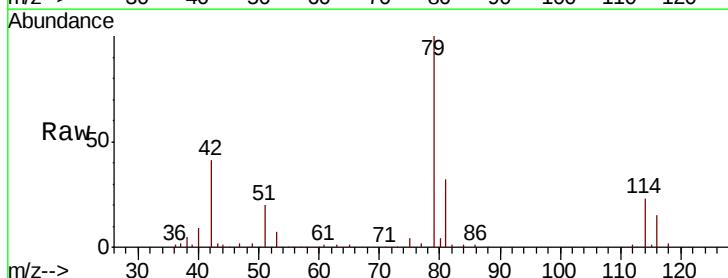
Acq: 25 Oct 2019 14:22

Tgt Ion: 75 Resp: 3836

Ion Ratio Lower Upper

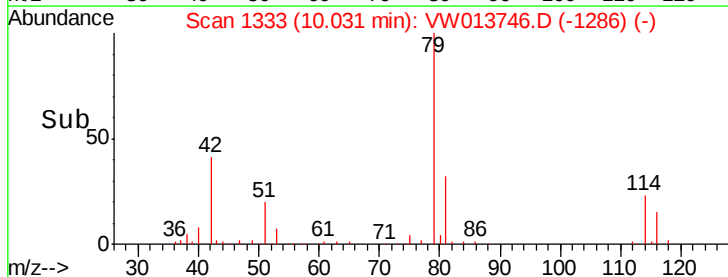
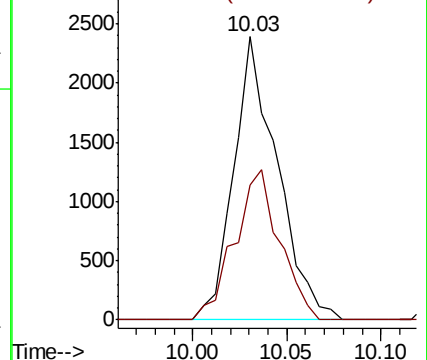
75 100

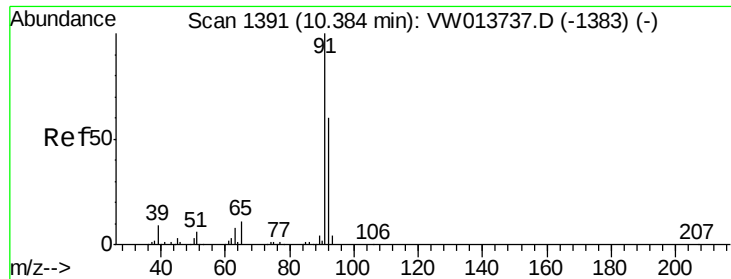
77 47.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 1.705 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

Instrument :

MSVOA_W

ClientSampled :

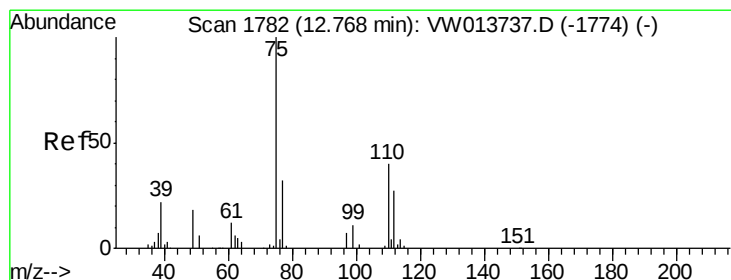
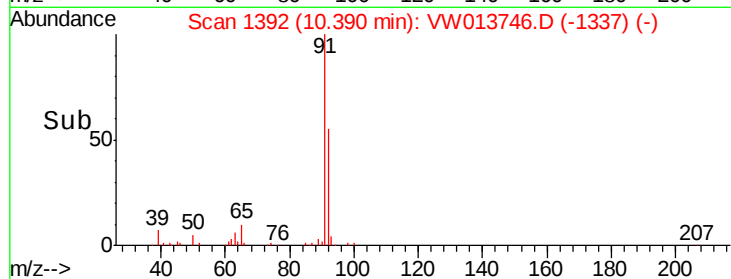
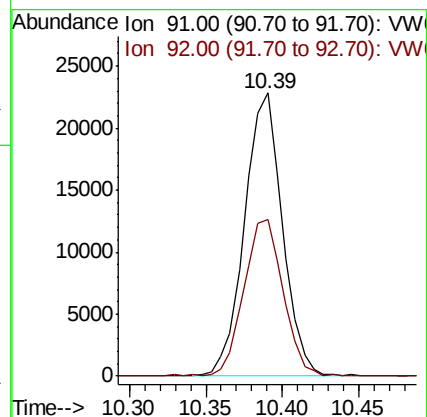
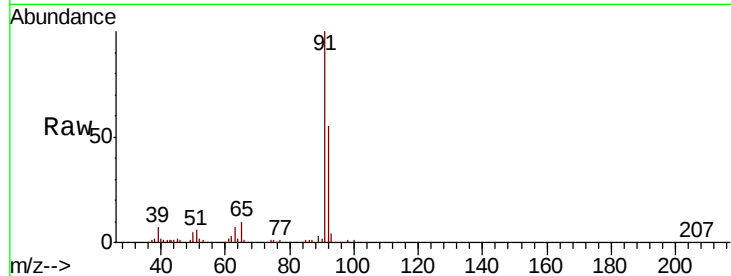
GAQ54

Tot Ion: 91 Resp: 39284

Ion Ratio Lower Upper

91 100

92 55.2 42.0 78.0



#59

1,2,3-Trichloropropane

Concen: 3.553 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013746.D

Acq: 25 Oct 2019 14:22

Tgt Ion: 75 Resp: 12557

Ion Ratio Lower Upper

75 100

77 34.2 26.4 39.6

