

Data File : VW013805.D
Acq On : 29 Oct 2019 21:17
Operator : SY/VA
Sample : K5549-20
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ73

Quant Time: Oct 30 08:19:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296701	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289994	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97667	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
7) Chloroethane-d5	2.88	69	79173	23.30	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.02	63	147511	18.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.07	46	87581	67.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.54%
24) Chloroform-d	7.65	84	207093	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.31	65	118044	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.76%
29) Benzene-d6	8.27	84	441836	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.27	67	135853	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.32	98	405368	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.58	79	59703	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.72%
39) 2-Hexanone-d5	10.92	63	72349	72.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131643	30.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	151030	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

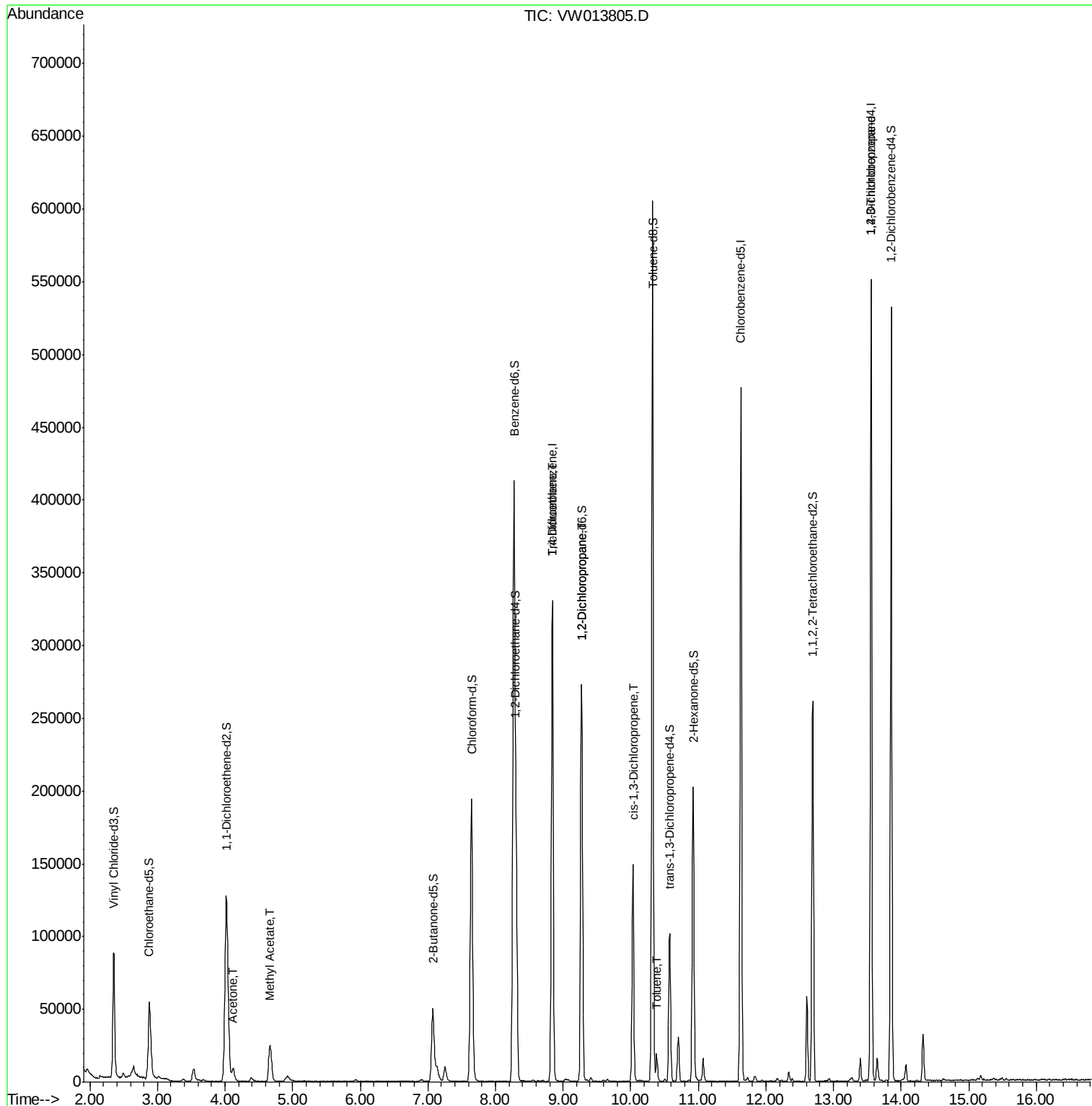
					Qvalue
13) Acetone	4.12	43	13671	9.461 ug/L	65
15) Methyl Acetate	4.67	43	48640	20.600 ug/L	99
35) Trichloroethene	8.84	95	8363	1.567 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14316	2.814 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	3609	0.449 ug/L	83
44) Toluene	10.38	91	13911	0.622 ug/L	90
59) 1,2,3-Trichloropropane	13.55	75	16335	4.763 ug/L	96

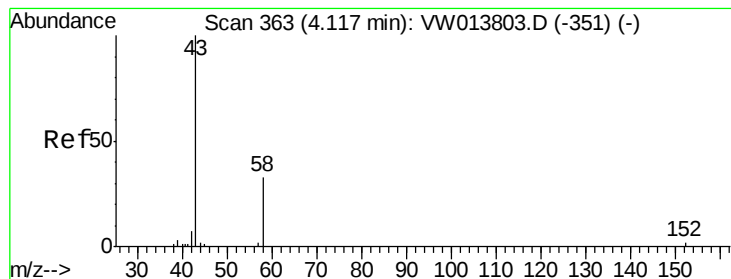
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.461 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

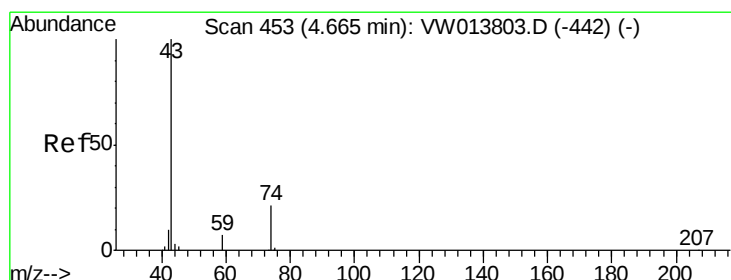
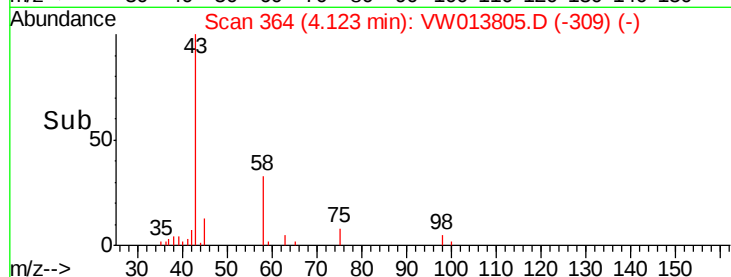
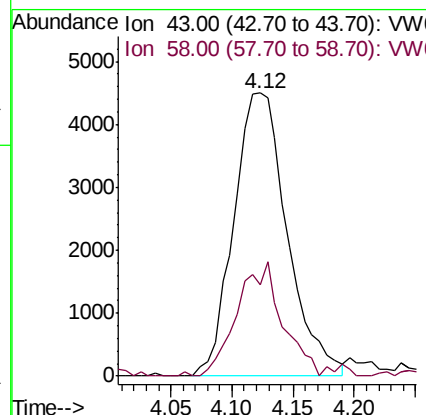
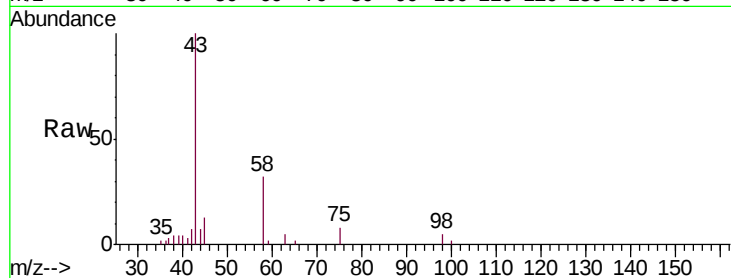
GAQ73

Tgt Ion: 43 Resp: 13671

Ion Ratio Lower Upper

43 100

58 15.0 0.0 70.4



#15

Methyl Acetate

Concen: 20.600 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

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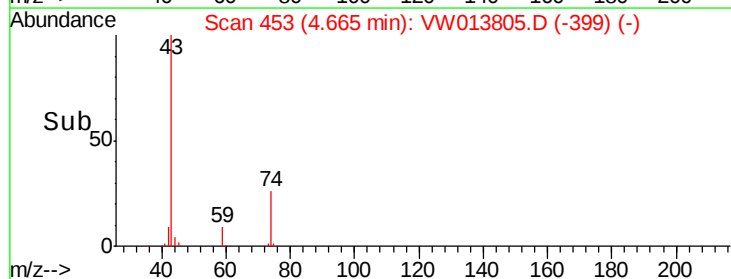
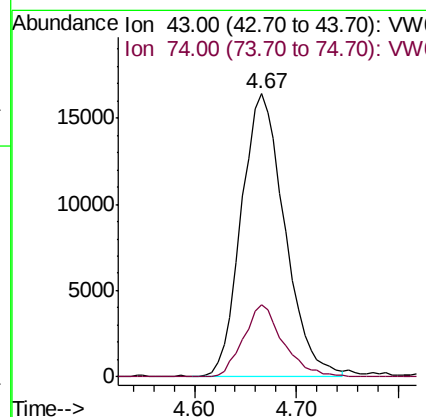
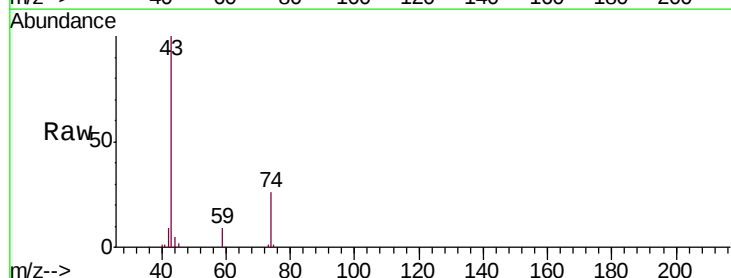
Acq: 29 Oct 2019 21:17

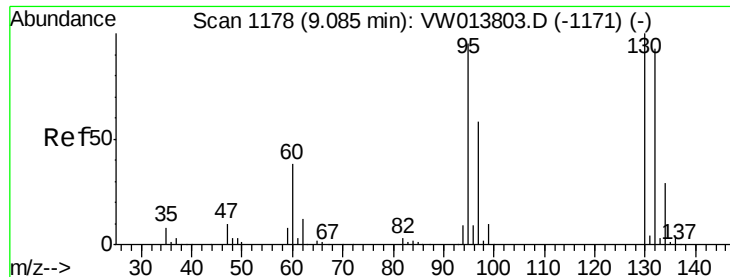
Tgt Ion: 43 Resp: 48640

Ion Ratio Lower Upper

43 100

74 23.3 19.2 28.8





#35

Trichloroethene

Concen: 1.567 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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ClientSampleId :

GAQ73

Tgt Ion: 95 Resp: 8363

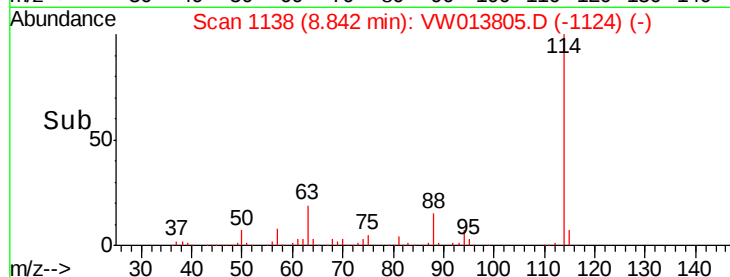
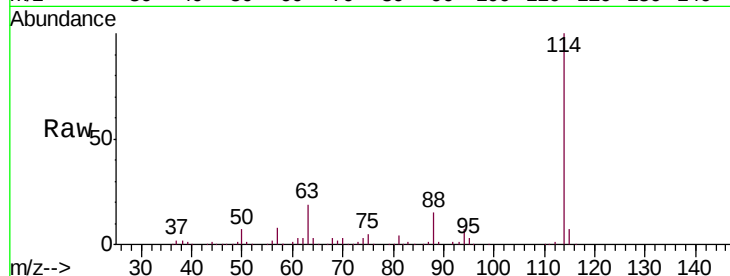
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

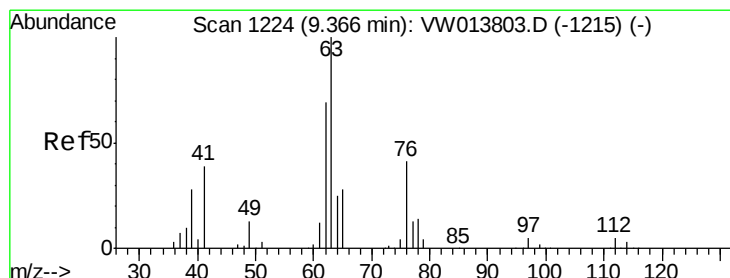
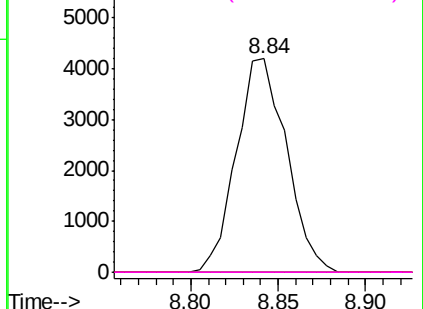


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.814 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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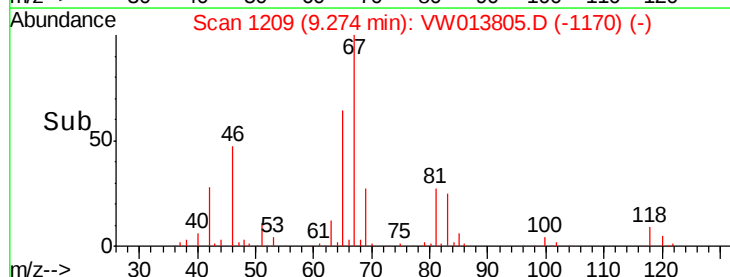
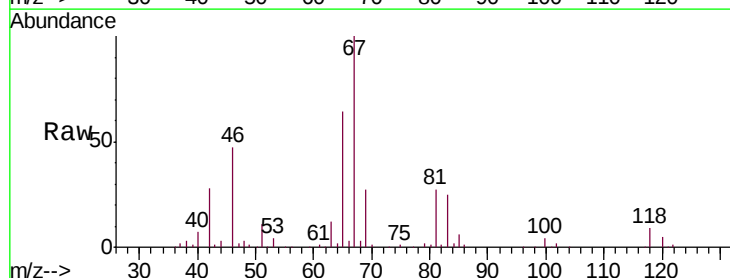
Acq: 29 Oct 2019 21:17

Tgt Ion: 63 Resp: 14316

Ion Ratio Lower Upper

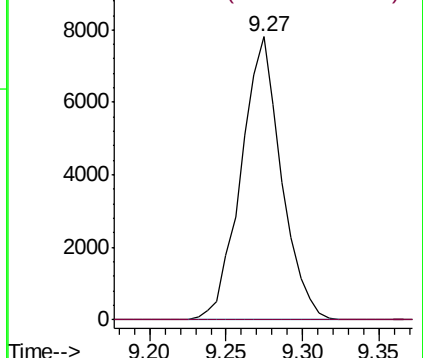
63 100

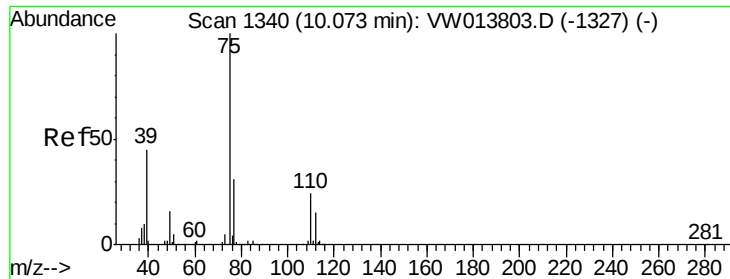
112 0.3 3.9 5.9#



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: 0.449 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013805.D

Acq: 29 Oct 2019 21:17

Instrument :

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ClientSampleId :

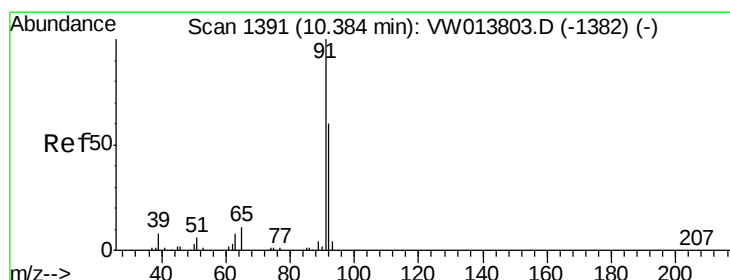
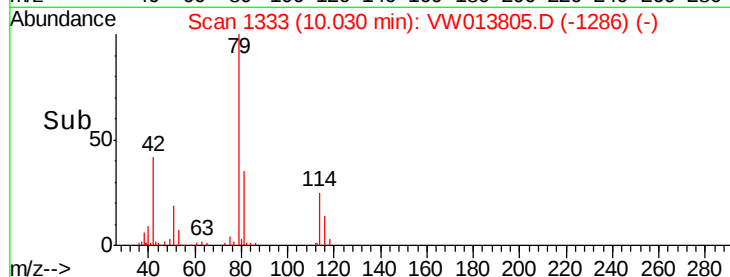
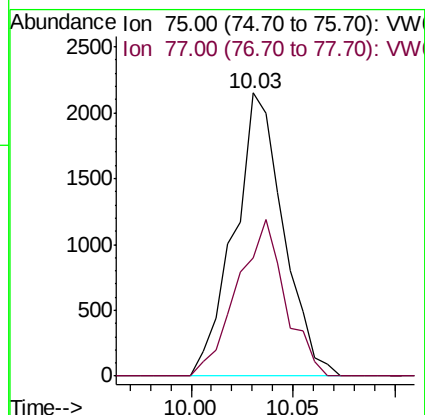
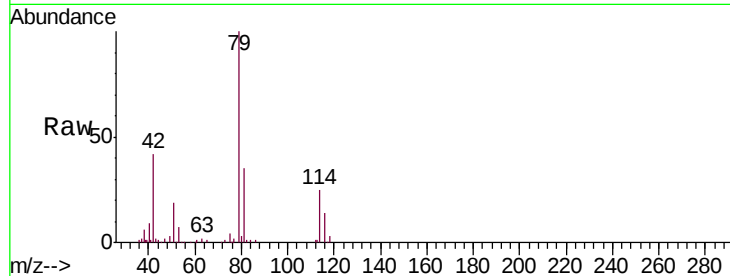
GAQ73

Tgt Ion: 75 Resp: 3609

Ion Ratio Lower Upper

75 100

77 41.7 22.5 41.9



#44

Toluene

Concen: 0.622 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013805.D

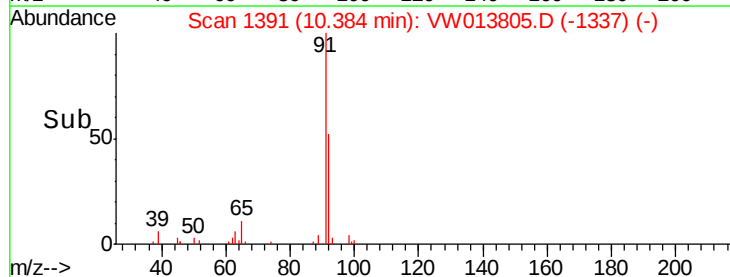
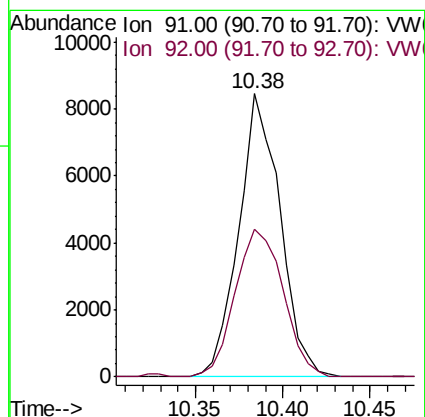
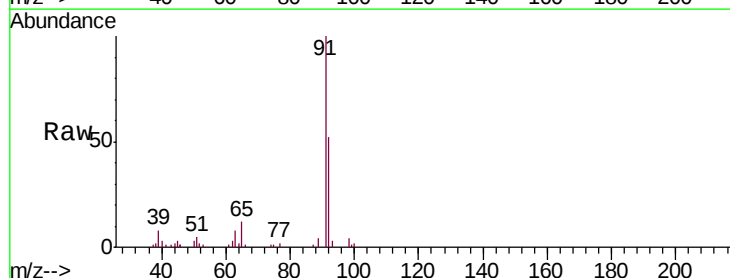
Acq: 29 Oct 2019 21:17

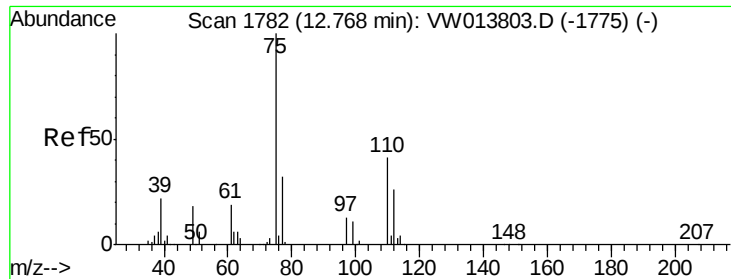
Tgt Ion: 91 Resp: 13911

Ion Ratio Lower Upper

91 100

92 52.3 42.0 78.0





#59

1,2,3-Trichloropropane

Concen: 4.763 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013805.D

Acq: 29 Oct 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

GAQ73

Tgt Ion: 75 Resp: 16335

Ion Ratio Lower Upper

75 100

77 35.2 26.4 39.6

