

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013844.D
 Acq On : 30 Oct 2019 18:11
 Operator : SY/VA
 Sample : K5596-06
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA7

Quant Time: Oct 31 05:33:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90081	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
7) Chloroethane-d5	2.89	69	75089	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	4.02	63	142448	17.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.96%
20) 2-Butanone-d5	7.07	46	98352	73.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.00%#
24) Chloroform-d	7.65	84	210362	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	124801	27.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.88%
29) Benzene-d6	8.27	84	435545	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.27	67	137513	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	400692	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	62289	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.00%
39) 2-Hexanone-d5	10.92	63	81877	78.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.64%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	147691	32.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	150406	26.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.44%

Target Compounds

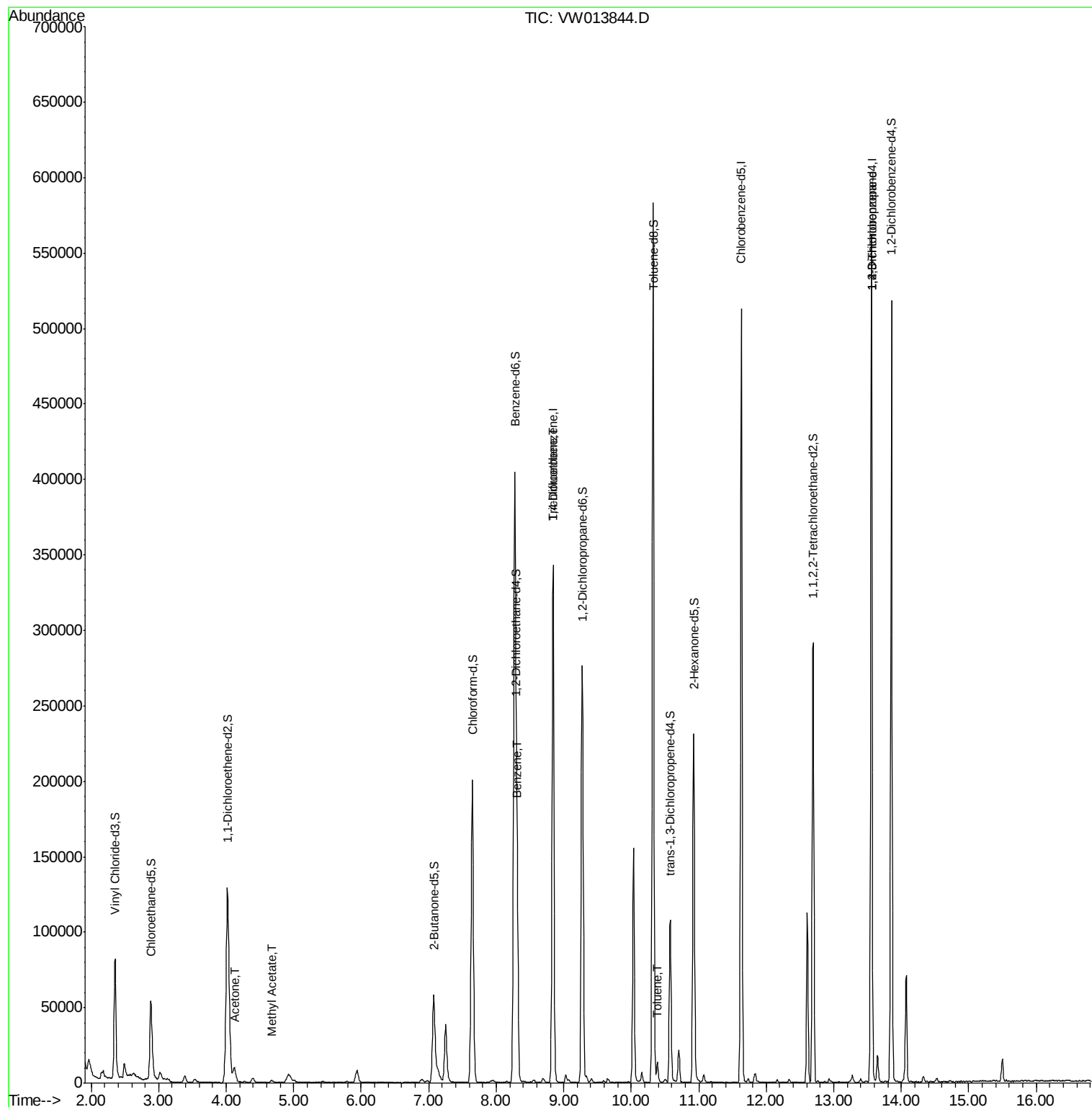
					Ovalue
13) Acetone	4.12	43	16657	11.215 ug/L	98
15) Methyl Acetate	4.67	43	2543	1.048 ug/L #	67
34) Benzene	8.32	78	8216	0.376 ug/L	100
35) Trichloroethene	8.84	95	8547	1.523 ug/L #	2
44) Toluene	10.39	91	9436	0.402 ug/L	95
59) 1,2,3-Trichloropropane	13.55	75	16050	4.453 ug/L	90

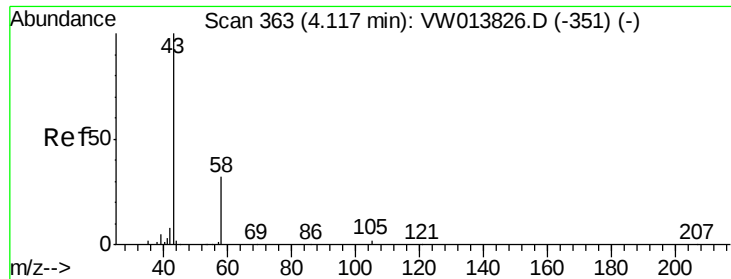
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 05:29:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.215 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013844.D

Acq: 30 Oct 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

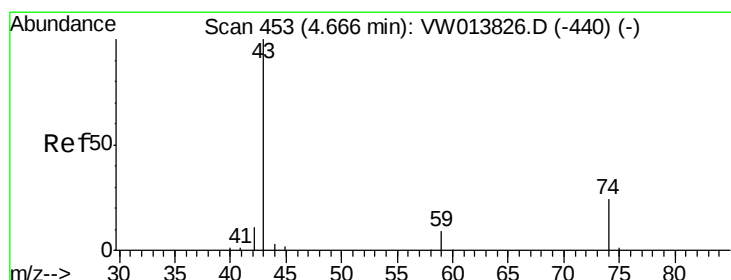
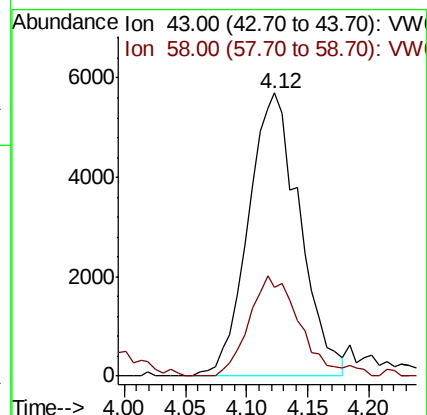
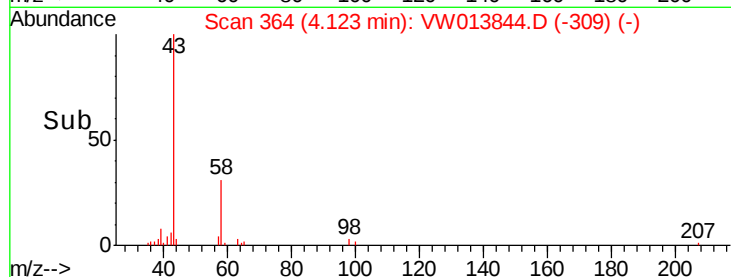
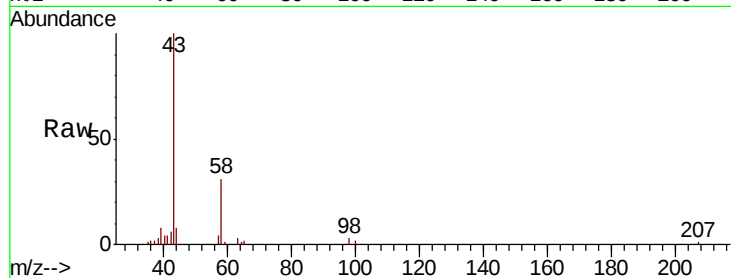
GAQA7

Tot Ion: 43 Resp: 16657

Ion Ratio Lower Upper

43 100

58 33.8 0.0 70.4



#15

Methyl Acetate

Concen: 1.048 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013844.D

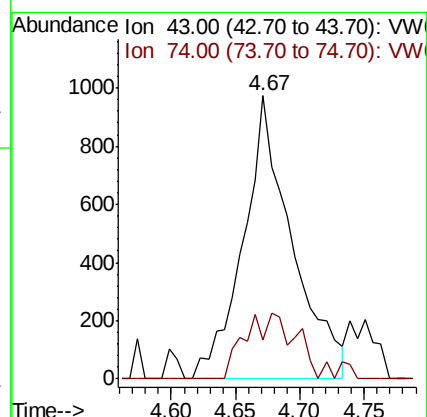
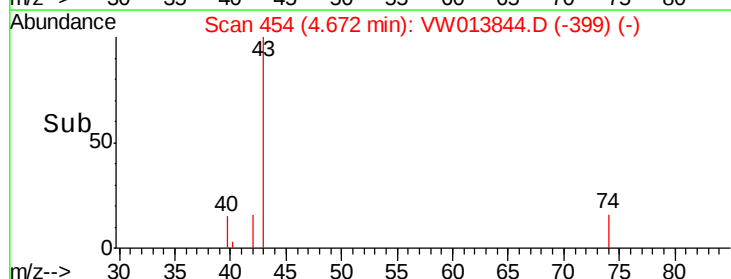
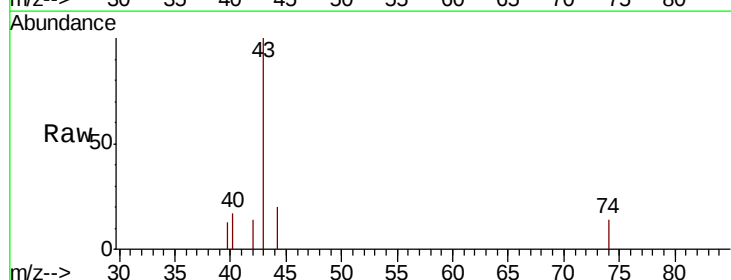
Acq: 30 Oct 2019 18:11

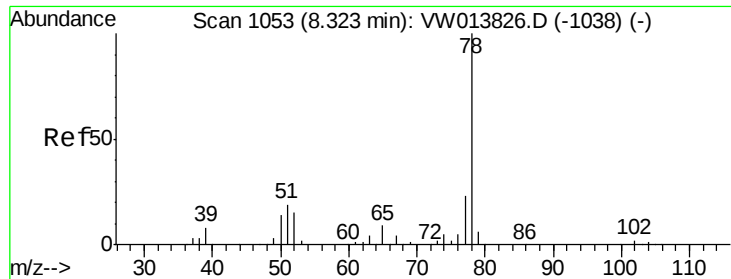
Tgt Ion: 43 Resp: 2543

Ion Ratio Lower Upper

43 100

74 7.9 19.2 28.8#

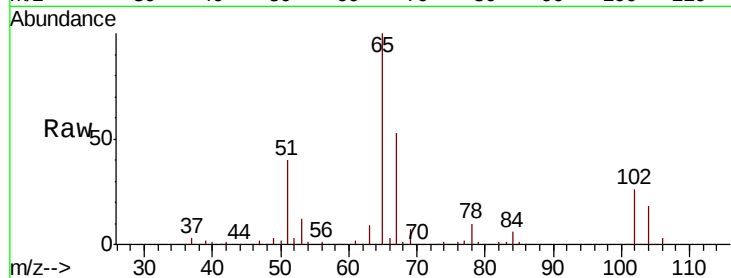




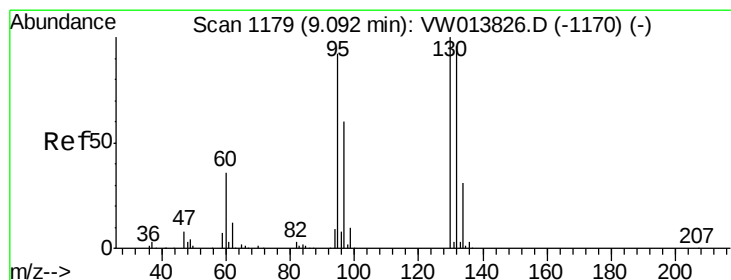
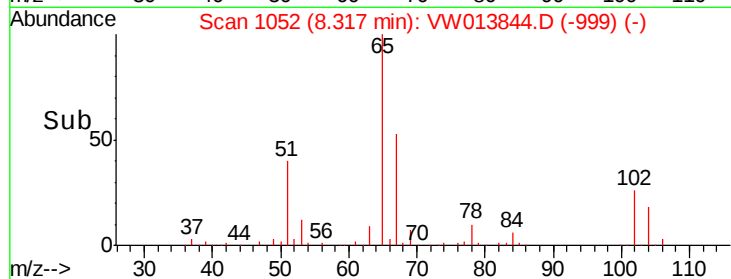
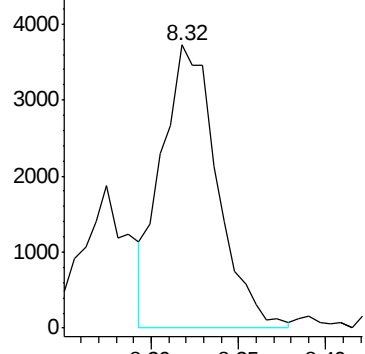
#34
Benzene
Concen: 0.376 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013844.D
Acq: 30 Oct 2019 18:11

Instrument :
MSVOA_W
ClientSampled :
GAQA7

Tgt Ion: 78 Resp: 8216

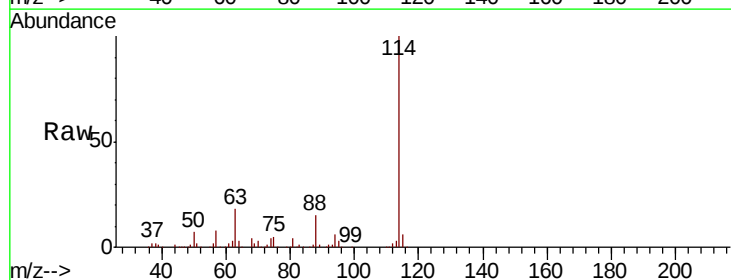


Abundance Ion 78.00 (77.70 to 78.70): VW



#35
Trichloroethene
Concen: 1.523 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW013844.D
Acq: 30 Oct 2019 18:11

Tgt Ion: 95 Resp: 8547
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#

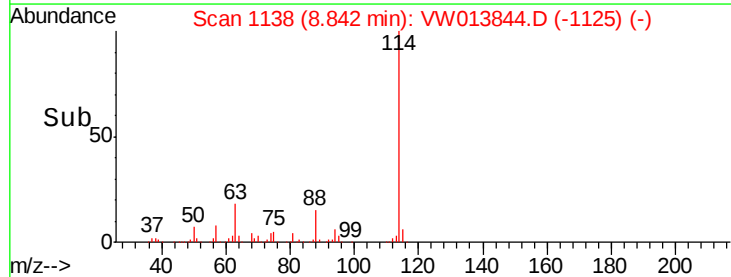
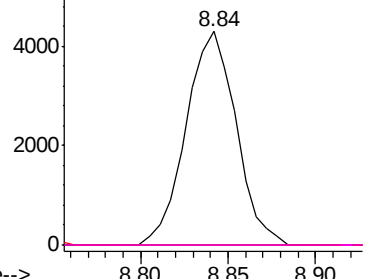


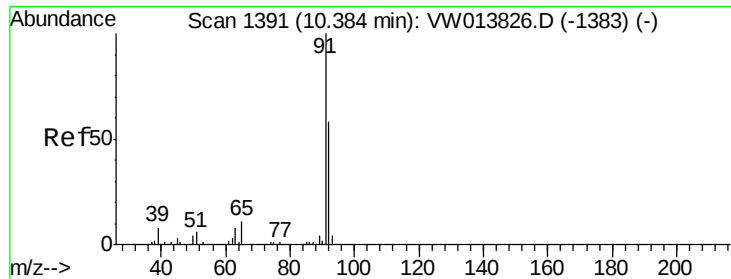
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 0.402 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013844.D

Acq: 30 Oct 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

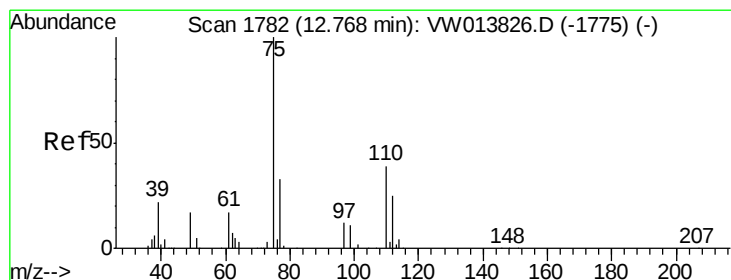
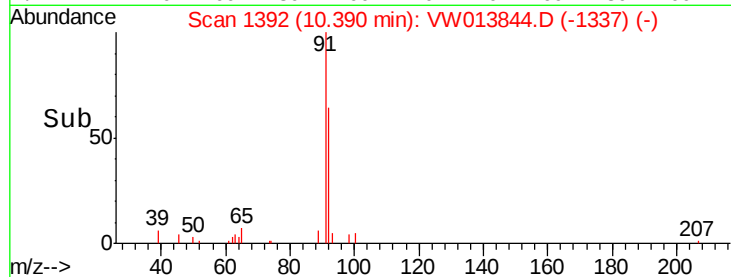
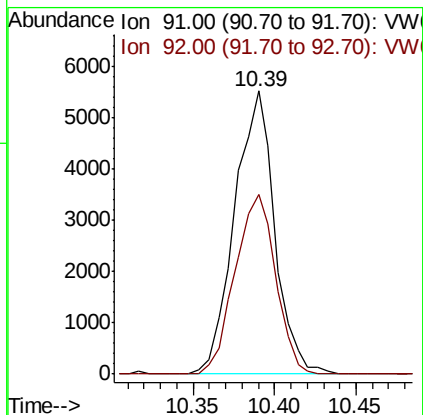
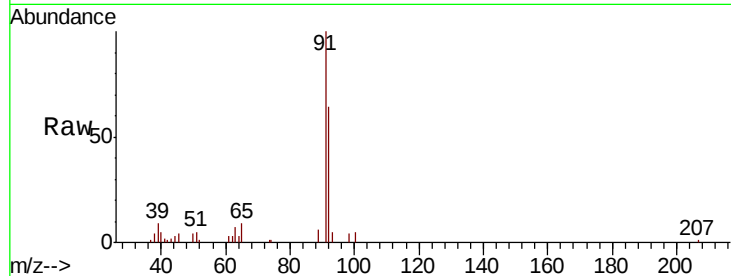
GAQA7

Tot Ion: 91 Resp: 9436

Ion Ratio Lower Upper

91 100

92 63.7 42.0 78.0



#59

1,2,3-Trichloropropane

Concen: 4.453 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013844.D

Acq: 30 Oct 2019 18:11

Tgt Ion: 75 Resp: 16050

Ion Ratio Lower Upper

75 100

77 38.9 26.4 39.6

