

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013834.D
 Acq On : 30 Oct 2019 13:45
 Operator : SY/VA
 Sample : K5549-18RE
 Misc : 3.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ71RE

Quant Time: Oct 31 05:32:21 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	66882	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	32066	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24445	29.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.16%
7) Chloroethane-d5	2.89	69	19241	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.01	63	37510	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.80%
20) 2-Butanone-d5	7.09	46	14421	49.14	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.28%
24) Chloroform-d	7.65	84	49729	26.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.28%
26) 1,2-Dichloroethane-d4	8.31	65	28042	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.60%
29) Benzene-d6	8.27	84	102066	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	9.27	67	30849	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	89414	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.58	79	13173	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.93	63	14011	59.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31087	30.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	31524	27.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.28%

Target Compounds

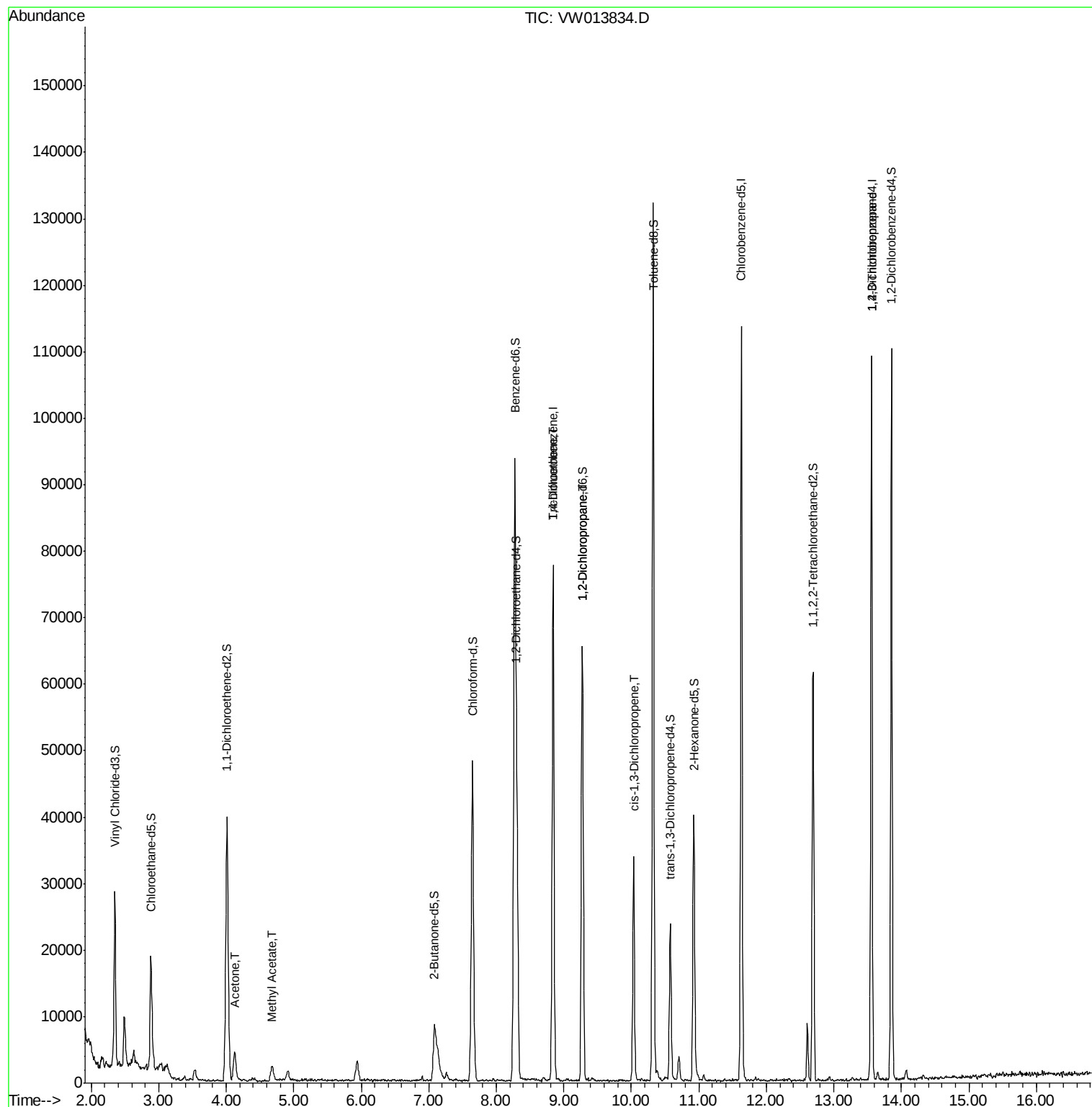
					Ovalue
13) Acetone	4.13	43	7905	24.268 ug/L	76
15) Methyl Acetate	4.68	43	4678	8.789 ug/L	96
35) Trichloroethene	8.85	95	2090	1.651 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	3150	2.611 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	773	0.406 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	3228	3.970 ug/L #	87

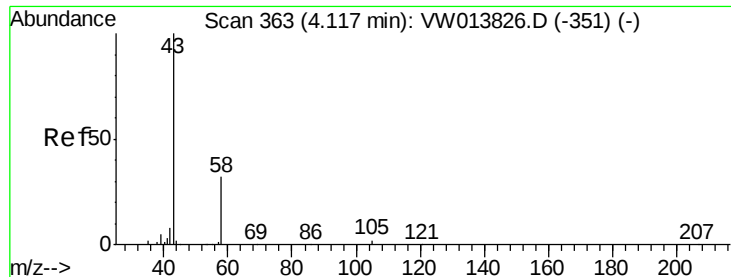
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 24.268 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013834.D

Acq: 30 Oct 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

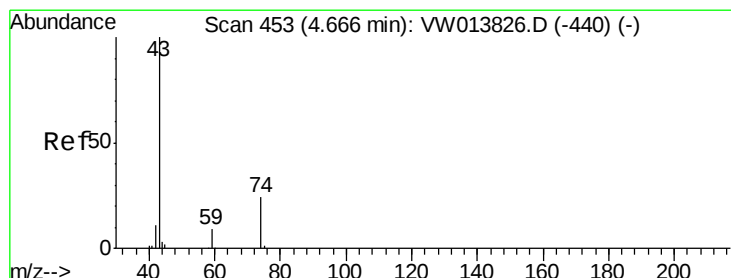
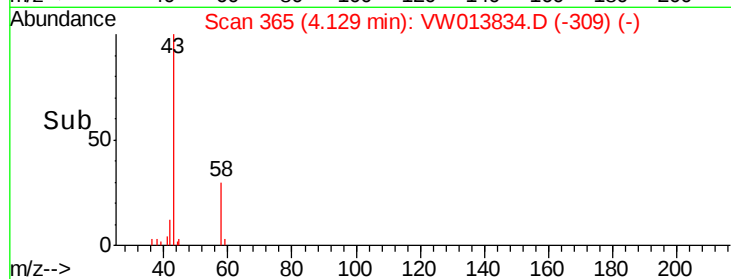
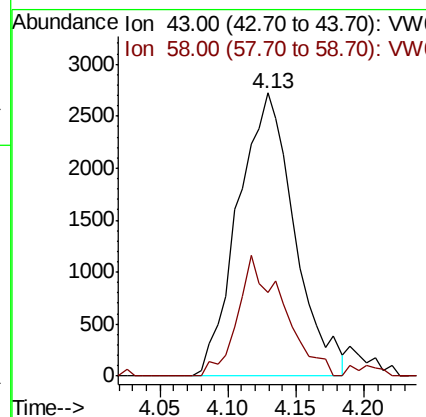
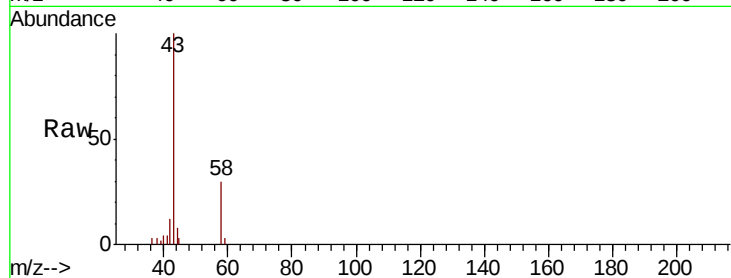
GAQ71RE

Tot Ion: 43 Resp: 7905

Ion Ratio Lower Upper

43 100

58 21.2 0.0 70.4



#15

Methyl Acetate

Concen: 8.789 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013834.D

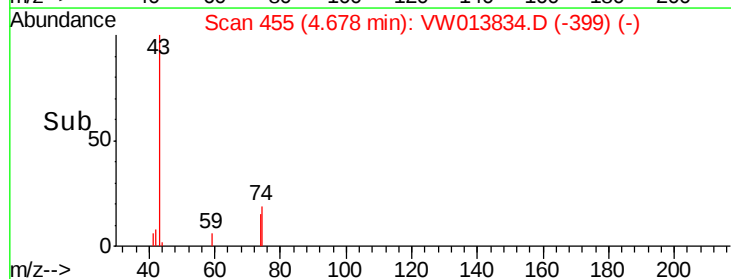
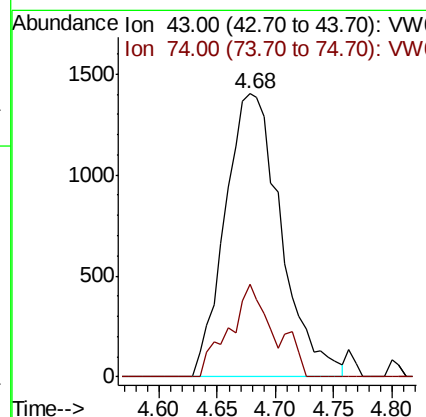
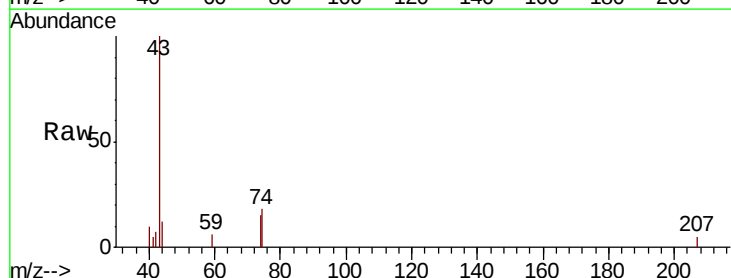
Acq: 30 Oct 2019 13:45

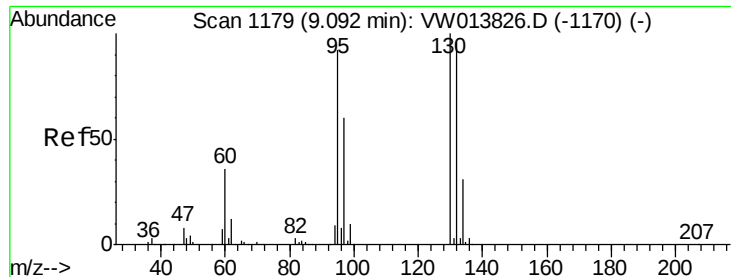
Tgt Ion: 43 Resp: 4678

Ion Ratio Lower Upper

43 100

74 22.1 19.2 28.8

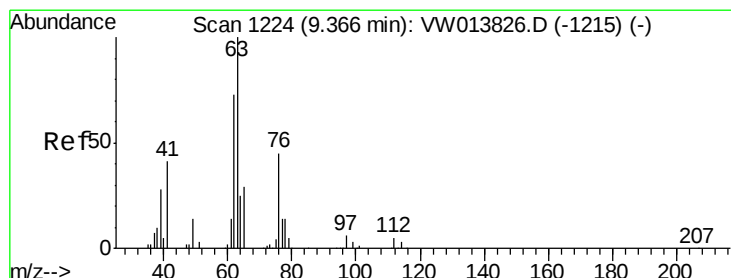
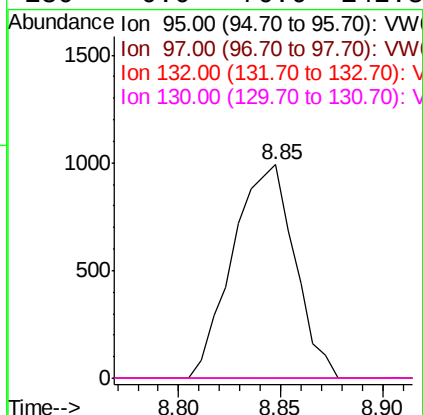
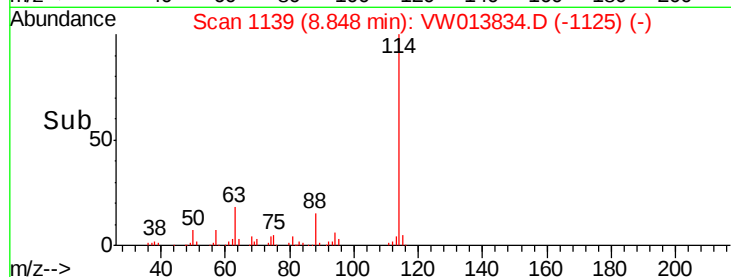
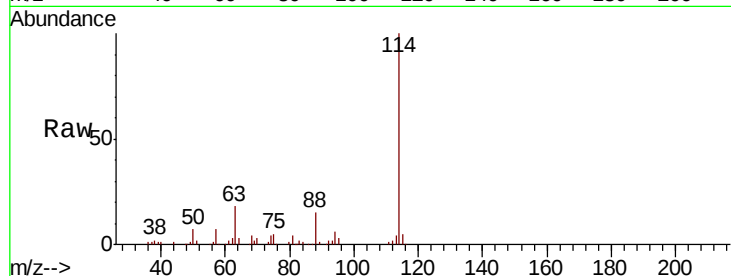




#35
 Trichloroethene
 Concen: 1.651 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW013834.D
 Acq: 30 Oct 2019 13:45

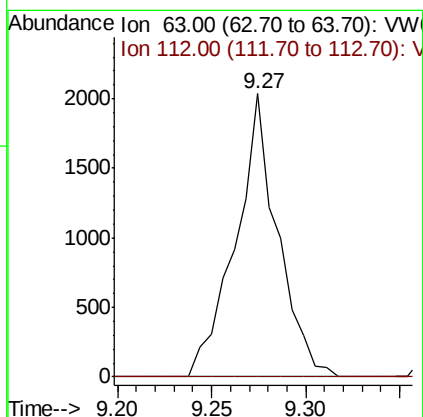
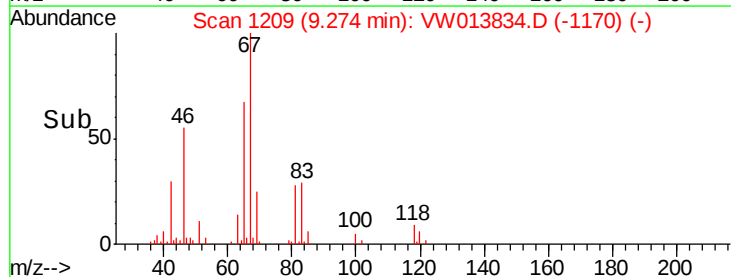
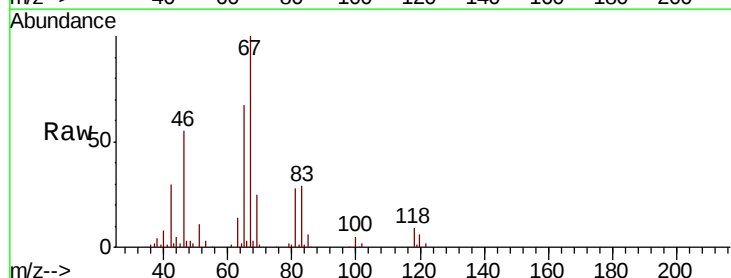
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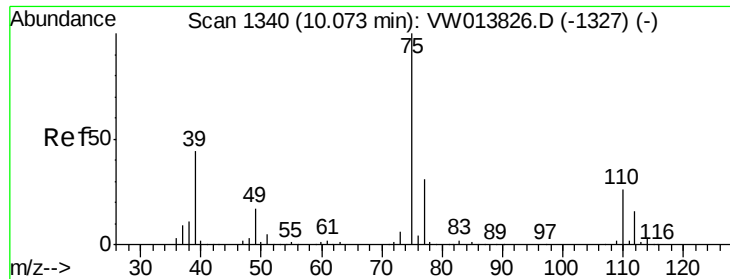
Tot Ion: 95 Resp: 2090
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.2#
 132 0.0 74.3 138.1#
 130 0.0 76.6 142.3#



#40
 1,2-Dichloropropane
 Concen: 2.611 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013834.D
 Acq: 30 Oct 2019 13:45

Tgt Ion: 63 Resp: 3150
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013834.D

Acq: 30 Oct 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

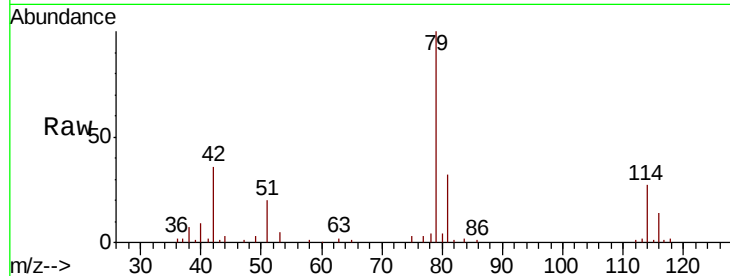
GAQ71RE

Tot Ion: 75 Resp: 773

Ion Ratio Lower Upper

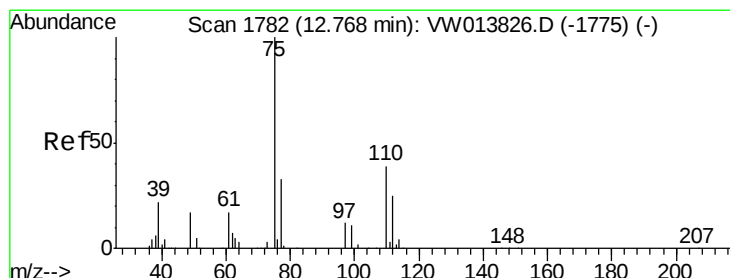
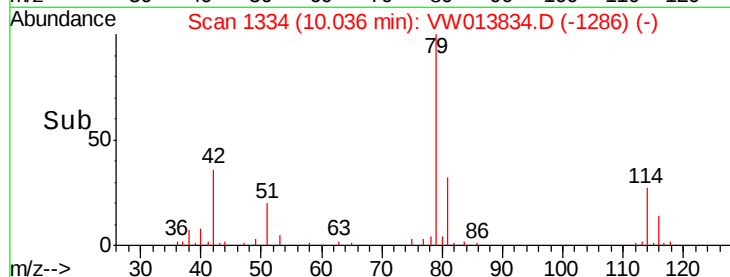
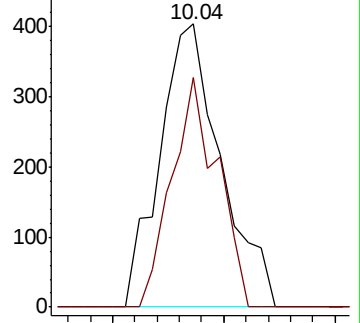
75 100

77 81.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.970 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013834.D

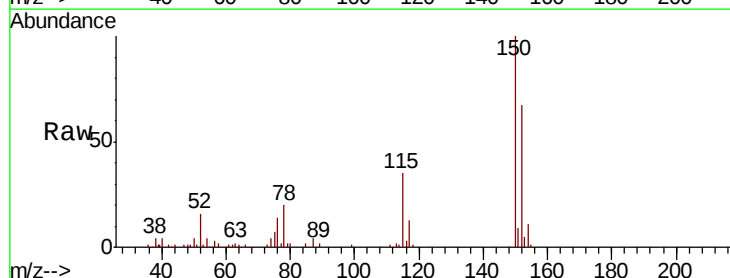
Acq: 30 Oct 2019 13:45

Tgt Ion: 75 Resp: 3228

Ion Ratio Lower Upper

75 100

77 40.4 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

