

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013838.D
 Acq On : 30 Oct 2019 15:31
 Operator : SY/VA
 Sample : K5552-06RE
 Misc : 9.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ79

Quant Time: Oct 31 05:32:45 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	298195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89290	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.60%
7) Chloroethane-d5	2.89	69	72248	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
10) 1,1-Dichloroethene-d2	4.03	63	134930	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.07	46	67806	51.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
24) Chloroform-d	7.65	84	202009	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	113936	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.27	84	417652	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.27	67	132464	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	388776	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	55751	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	56467	55.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115527	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	141519	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

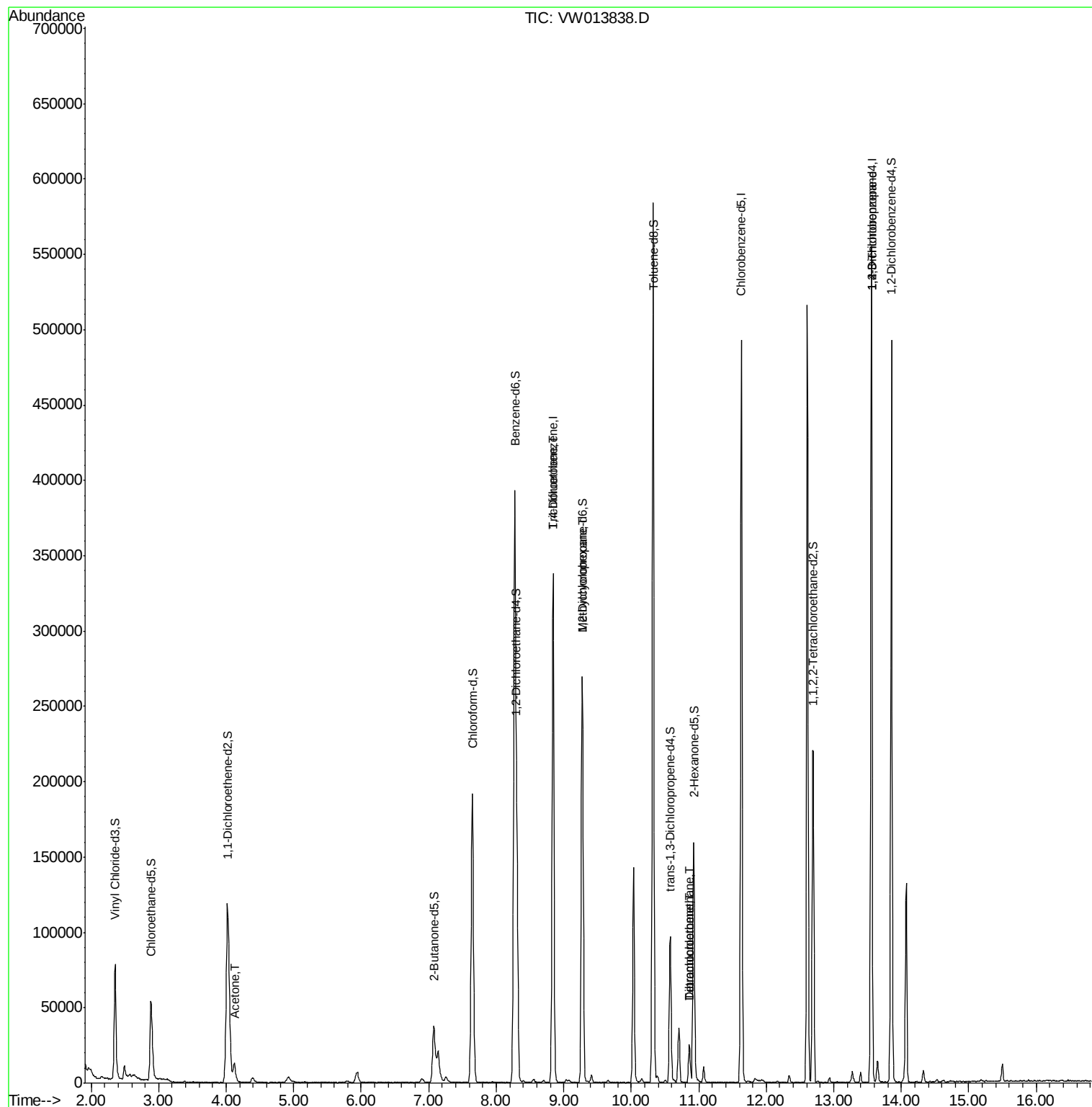
					Ovalue
13) Acetone	4.12	43	20574	14.166	ug/L 100
35) Trichloroethene	8.84	95	8614	1.588	ug/L # 2
36) Methylcyclohexane	9.27	83	32455	3.394	ug/L # 19
47) Tetrachloroethene	10.86	164	6251	1.259	ug/L 86
50) Dibromochloromethane	10.86	129	5626	1.196	ug/L # 13
59) 1,2,3-Trichloropropane	13.55	75	15922	4.569	ug/L 90

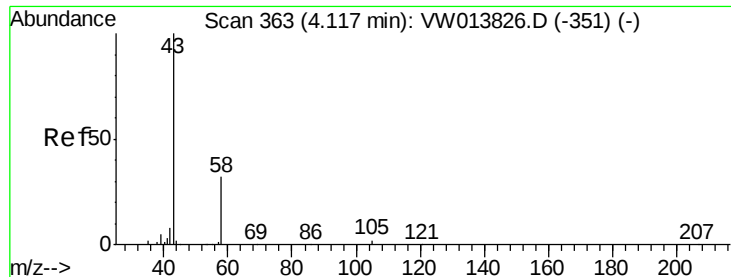
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.166 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 15:31

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MSVOA_W

ClientSampleId :

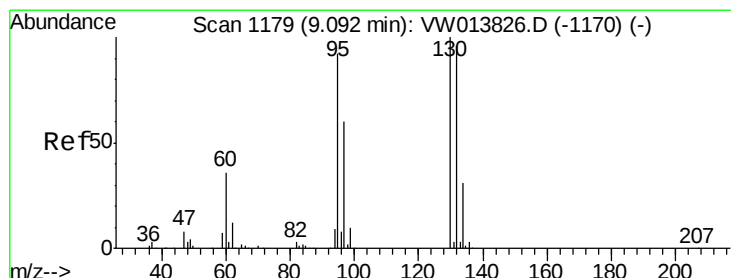
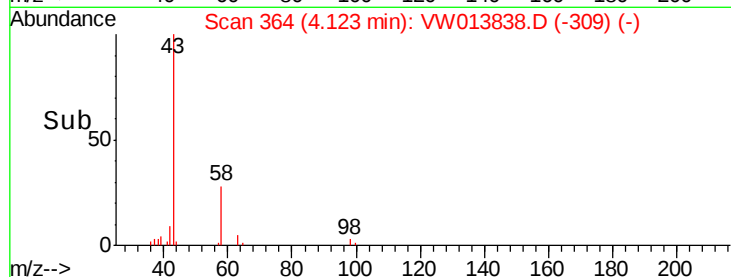
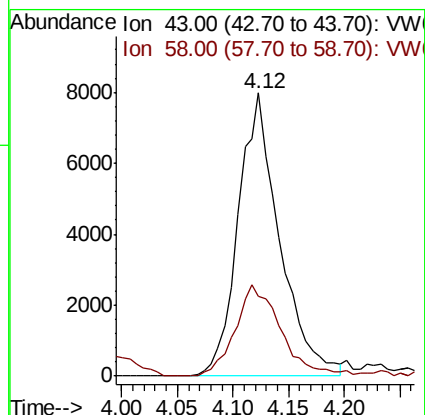
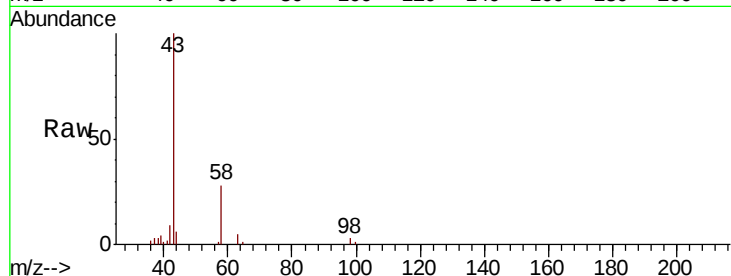
GAQ79

Tot Ion: 43 Resp: 20574

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.4



#35

Trichloroethene

Concen: 1.588 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013838.D

Acq: 30 Oct 2019 15:31

Tgt Ion: 95 Resp: 8614

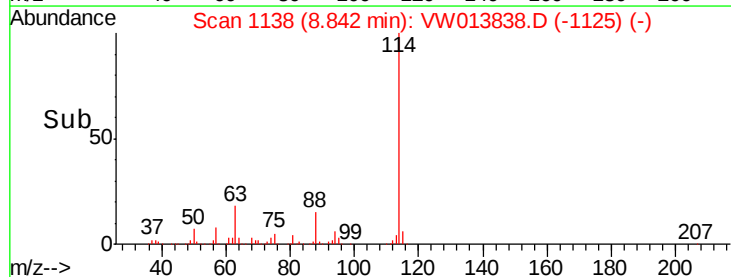
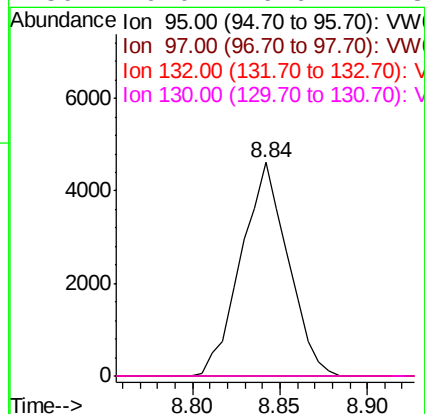
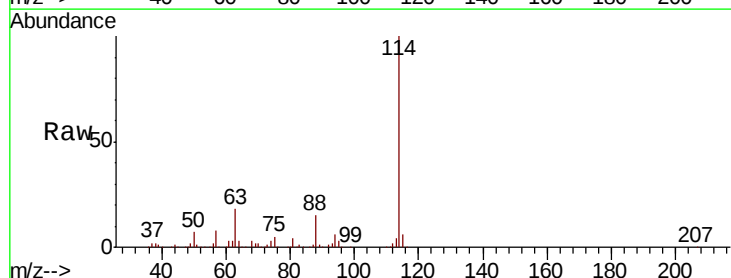
Ion Ratio Lower Upper

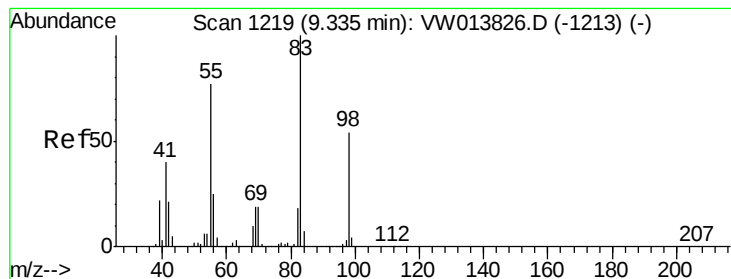
95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#





#36

Methylcyclohexane

Concen: 3.394 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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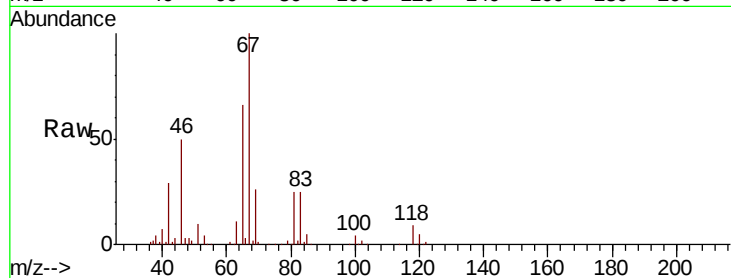
Tot Ion: 83 Resp: 32455

Ion Ratio Lower Upper

83 100

55 0.9 60.2 90.4#

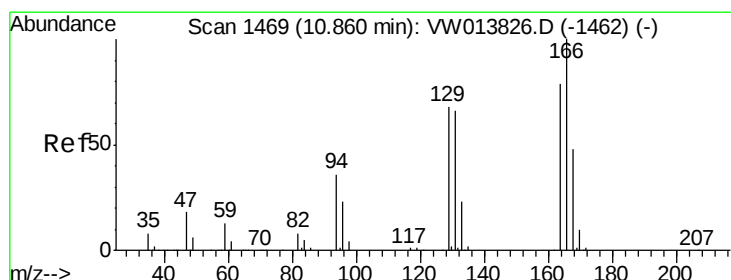
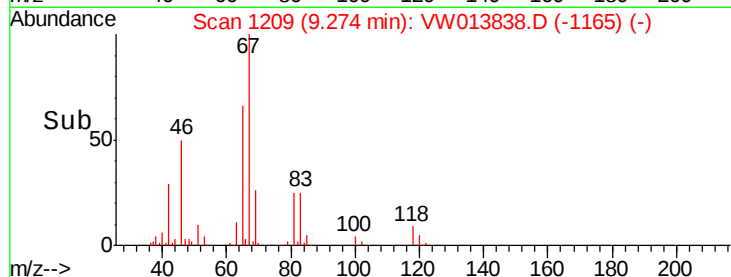
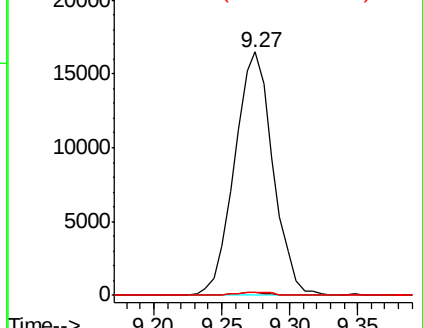
98 0.6 39.1 58.7#



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



#47

Tetrachloroethene

Concen: 1.259 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013838.D

Acq: 30 Oct 2019 15:31

Tgt Ion: 164 Resp: 6251

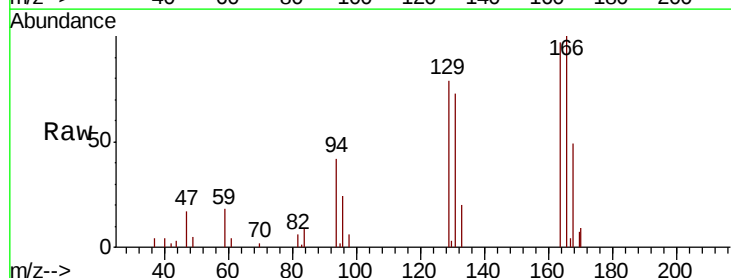
Ion Ratio Lower Upper

164 100

129 81.9 61.8 114.8

131 75.3 59.2 110.0

166 103.5 89.2 165.8

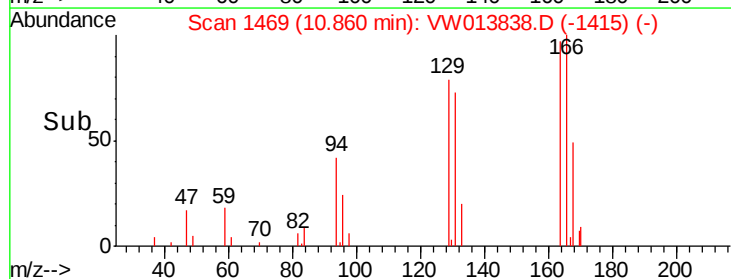
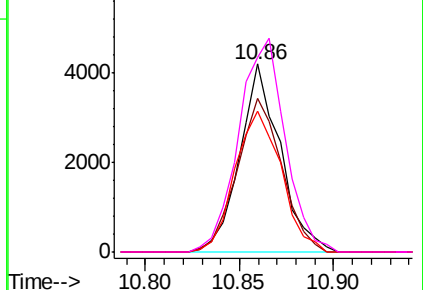


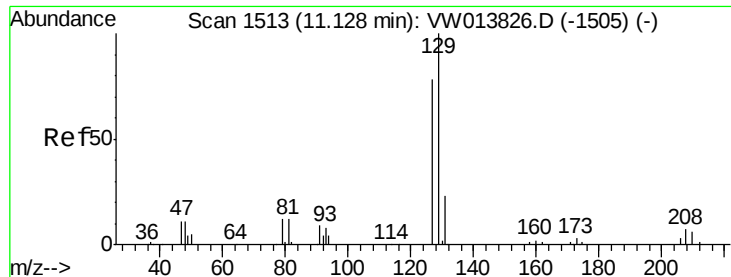
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#50

Dibromochloromethane

Concen: 1.196 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW013838.D

Acq: 30 Oct 2019 15:31

Instrument :

MSVOA_W

ClientSampleId :

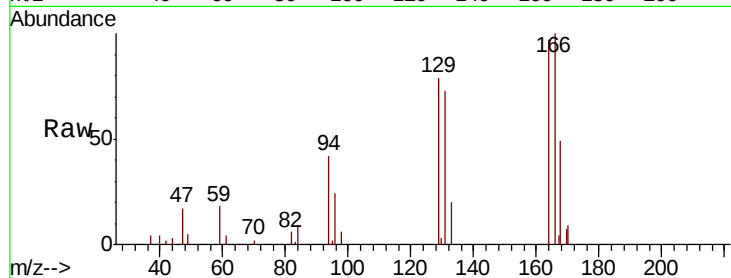
GAQ79

Tot Ion:129 Resp: 5626

Ion Ratio Lower Upper

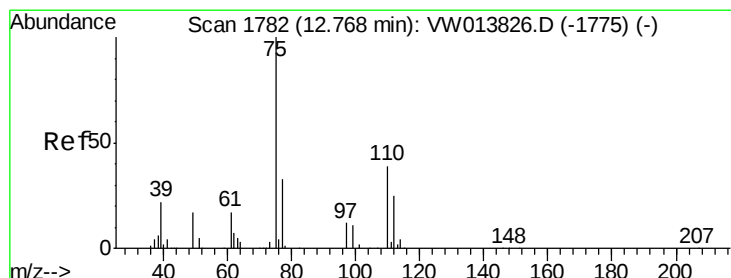
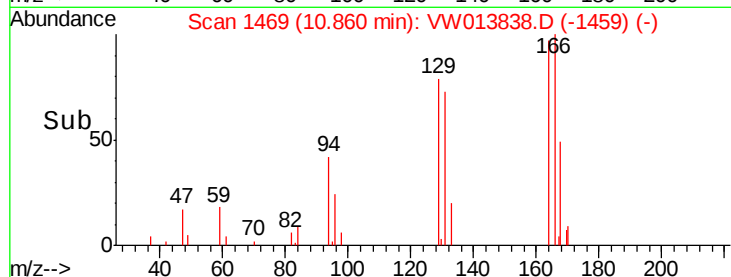
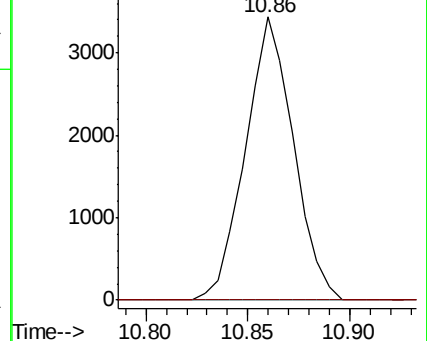
129 100

127 0.0 51.4 95.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.569 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013838.D

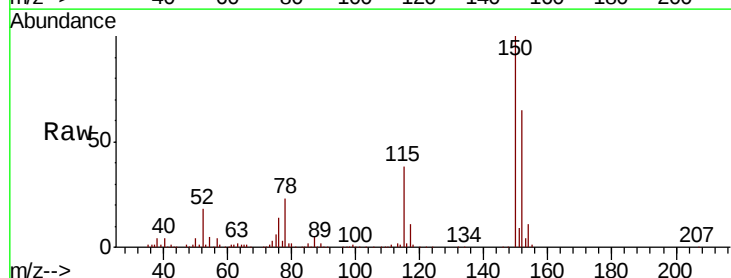
Acq: 30 Oct 2019 15:31

Tgt Ion: 75 Resp: 15922

Ion Ratio Lower Upper

75 100

77 38.6 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

