

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013837.D
 Acq On : 30 Oct 2019 15:04
 Operator : SY/VA
 Sample : K5552-05RE
 Misc : 7.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ78RE

Quant Time: Oct 31 05:32:39 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	242000	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	201837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83215	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
7) Chloroethane-d5	2.89	69	68075	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
10) 1,1-Dichloroethene-d2	4.02	63	126749	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	7.08	46	72692	68.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.90%#
24) Chloroform-d	7.65	84	182576	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	106412	30.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.20%
29) Benzene-d6	8.27	84	361270	29.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.16%
33) 1,2-Dichloropropane-d6	9.27	67	116691	32.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.88%#
37) Toluene-d8	10.32	98	306585	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.64%
38) trans-1,3-Dichloropropene-	10.58	79	49722	30.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.72%
39) 2-Hexanone-d5	10.92	63	58947	85.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102253	34.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	60106	26.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.56%

Target Compounds

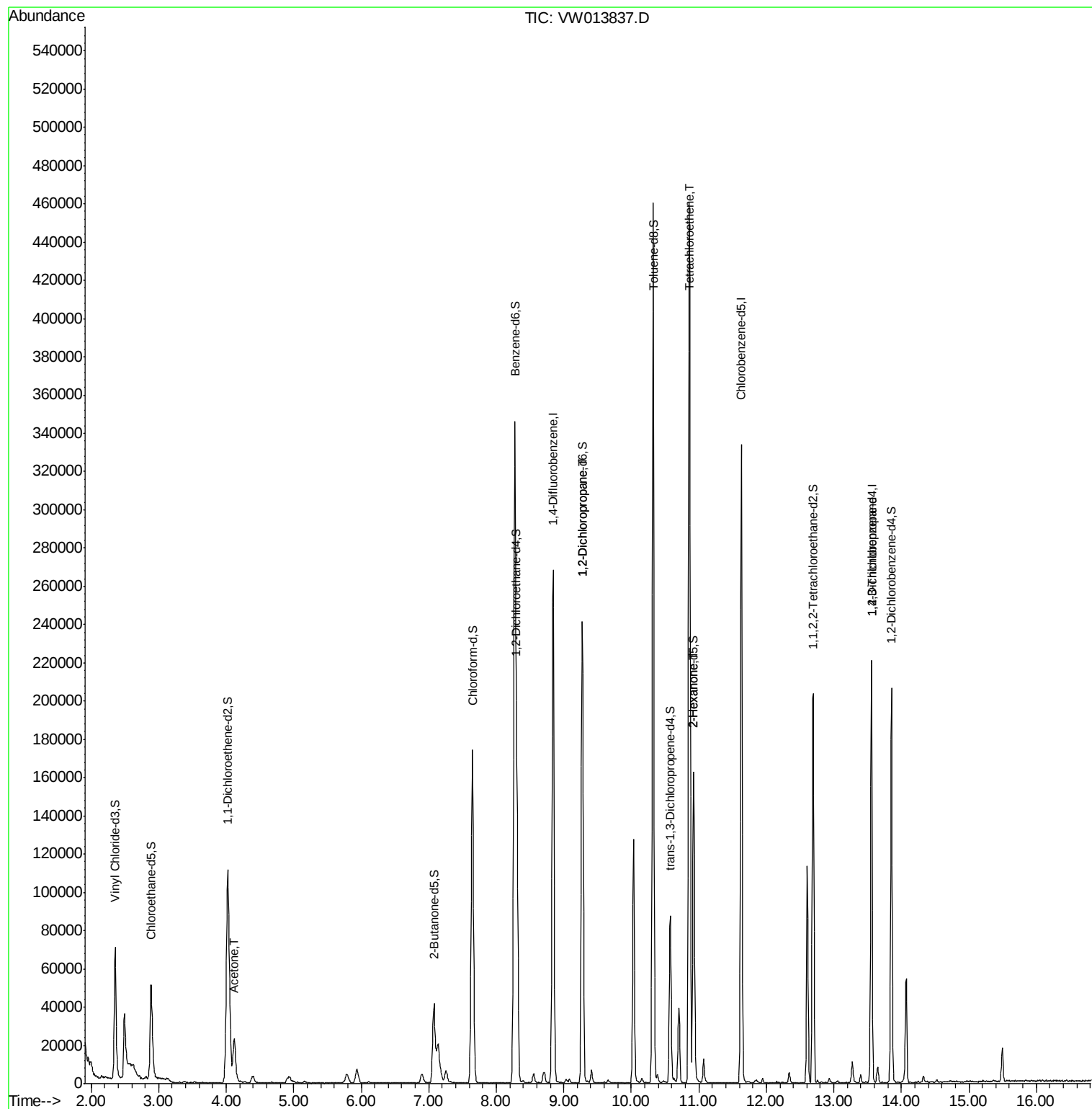
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	39952	33.897	ug/L	97
40) 1,2-Dichloropropane	9.27	63	11863	3.350	ug/L #	85
47) Tetrachloroethene	10.86	164	116839	34.352	ug/L	98
49) 2-Hexanone	10.93	43	6397	3.732	ug/L #	67
59) 1,2,3-Trichloropropane	13.55	75	6963	2.917	ug/L	93

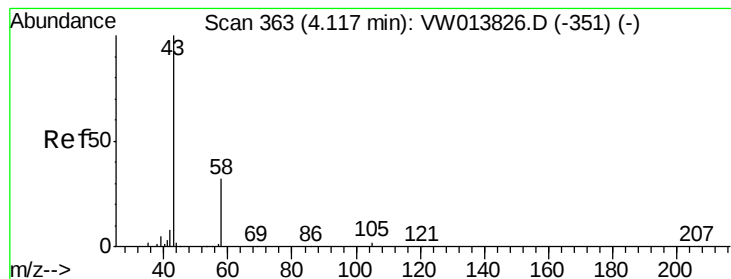
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.897 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

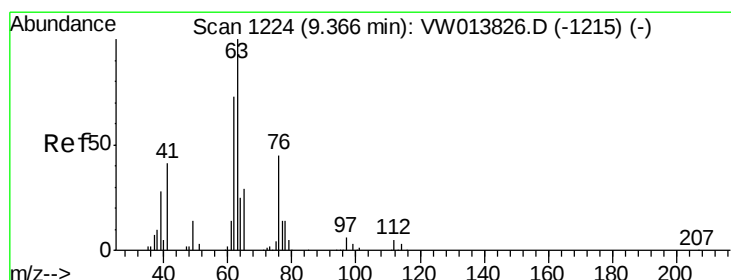
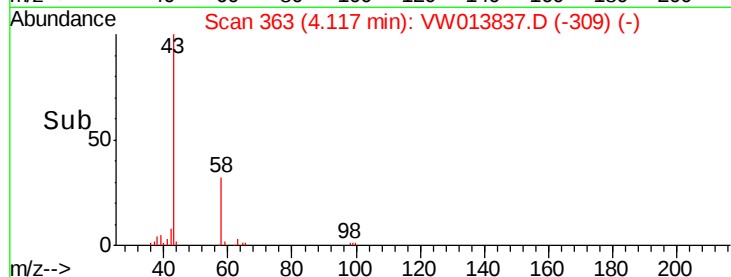
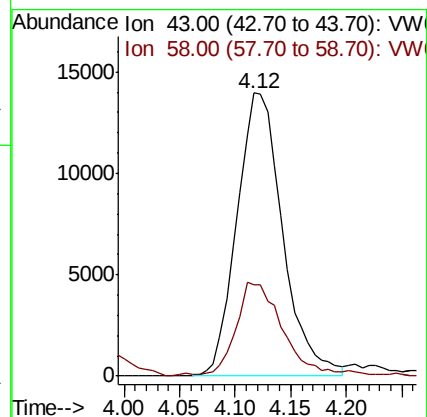
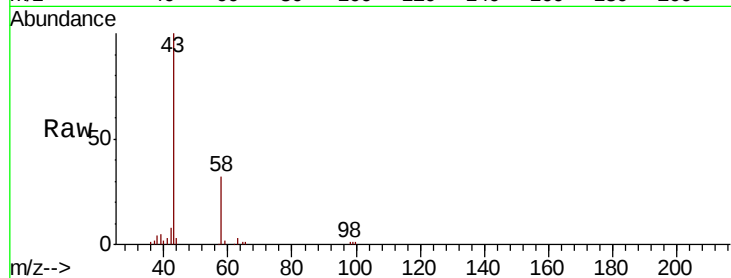
GAQ78RE

Tot Ion: 43 Resp: 39952

Ion Ratio Lower Upper

43 100

58 33.3 0.0 70.4



#40

1,2-Dichloropropane

Concen: 3.350 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013837.D

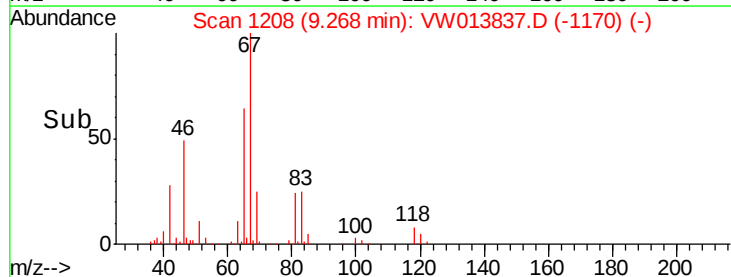
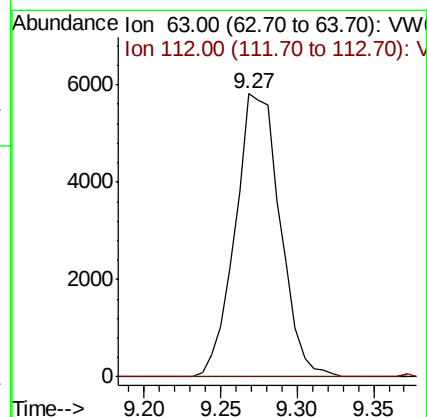
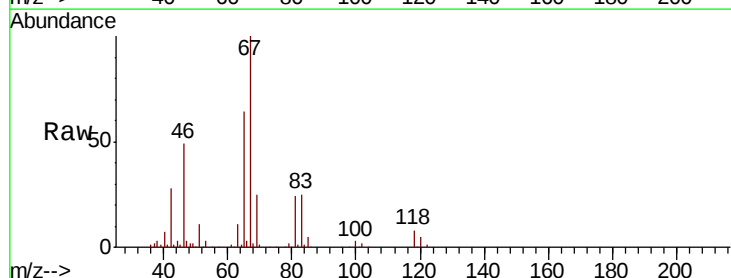
Acq: 30 Oct 2019 15:04

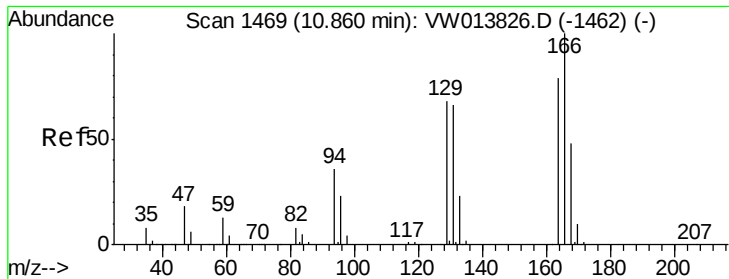
Tgt Ion: 63 Resp: 11863

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#47

Tetrachloroethene

Concen: 34.352 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013837.D

Acq: 30 Oct 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

GAQ78RE

Tot Ion:164 Resp: 116839

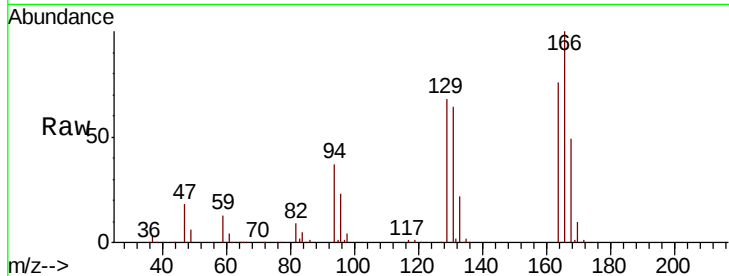
Ion Ratio Lower Upper

164 100

129 89.1 61.8 114.8

131 83.7 59.2 110.0

166 131.2 89.2 165.8

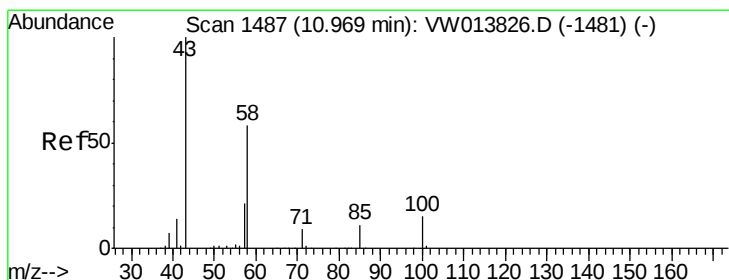
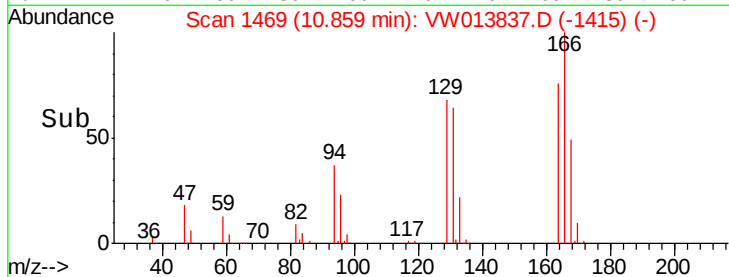
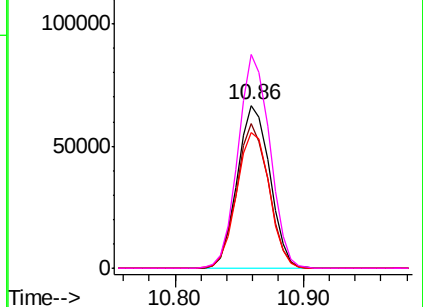


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 3.732 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW013837.D

Acq: 30 Oct 2019 15:04

Tgt Ion: 43 Resp: 6397

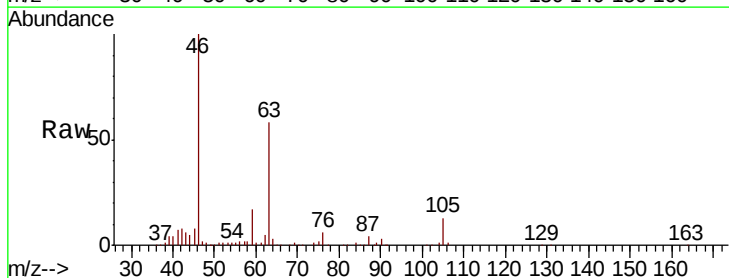
Ion Ratio Lower Upper

43 100

58 28.2 45.8 68.6#

57 26.2 15.4 23.2#

100 0.0 10.8 16.2#

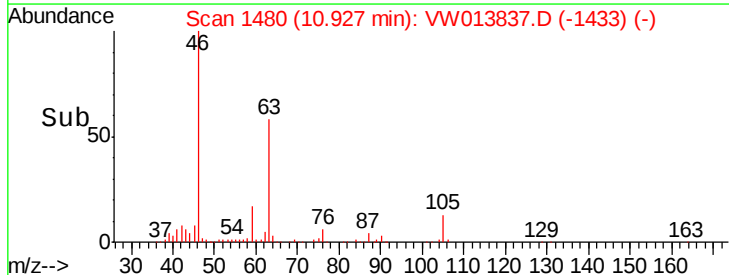
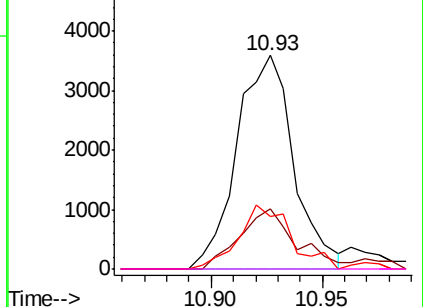


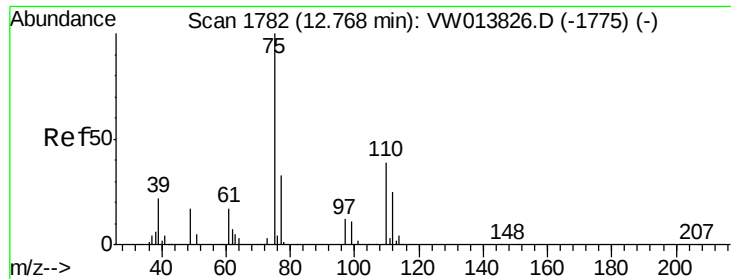
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.917 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013837.D

Acq: 30 Oct 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

GAQ78RE

Tot Ion: 75 Resp: 6963

Ion Ratio Lower Upper

75 100

77 37.2 26.4 39.6

