

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013656.D
 Acq On : 22 Oct 2019 15:37
 Operator : SY/VA
 Sample : K5422-10
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC1

Quant Time: Oct 22 16:27:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 14:36:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107471	28.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.28%
7) Chloroethane-d5	2.89	69	92691	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
10) 1,1-Dichloroethene-d2	4.03	63	168080	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.09	46	47072	34.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.98%
24) Chloroform-d	7.65	84	221740	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.30	65	106875	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.27	84	480980	29.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.56%
33) 1,2-Dichloropropane-d6	9.27	67	139948	29.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.48%
37) Toluene-d8	10.32	98	423970	28.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.24%
38) trans-1,3-Dichloropropene-	10.58	79	48885	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.93	63	36961	40.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87102	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	113536	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

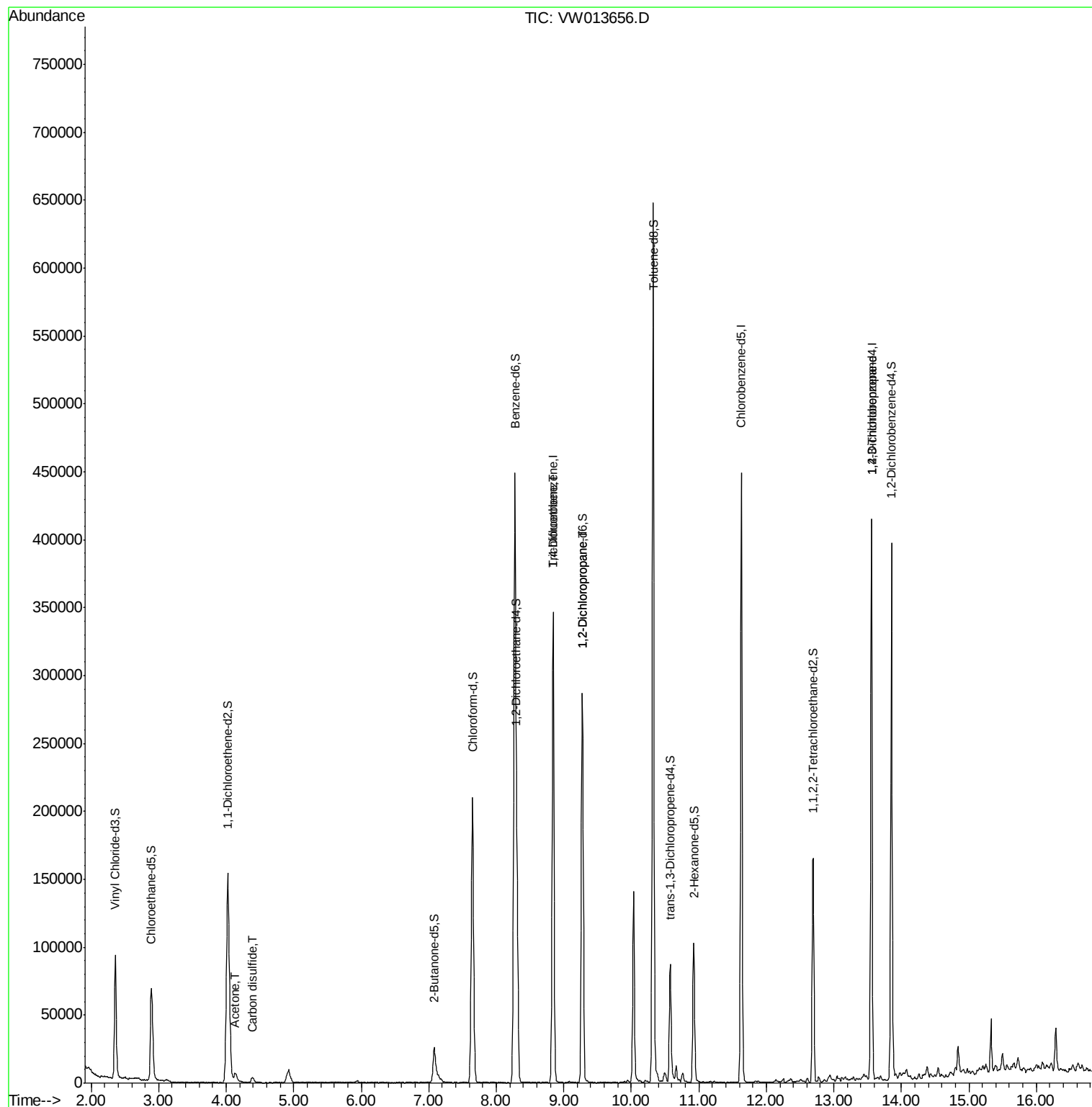
					Ovalue
13) Acetone	4.13	43	8913	5.969 ug/L	72
14) Carbon disulfide	4.38	76	9049	0.649 ug/L	98
35) Trichloroethene	8.84	95	8489	1.722 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14638	3.115 ug/L #	86
59) 1,2,3-Trichloropropane	13.56	75	12593	3.975 ug/L #	85

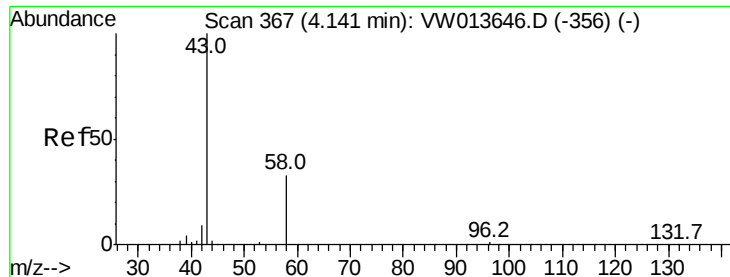
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.969 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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Acq: 22 Oct 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

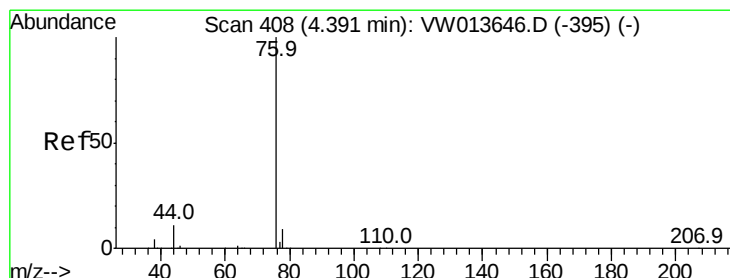
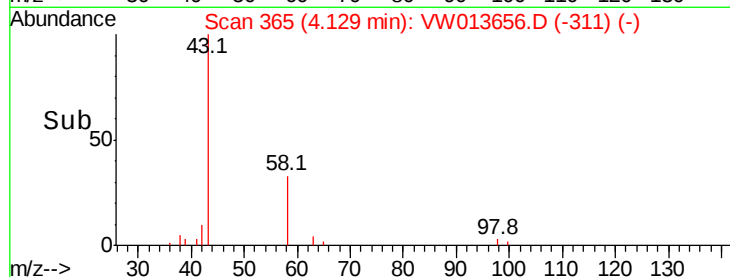
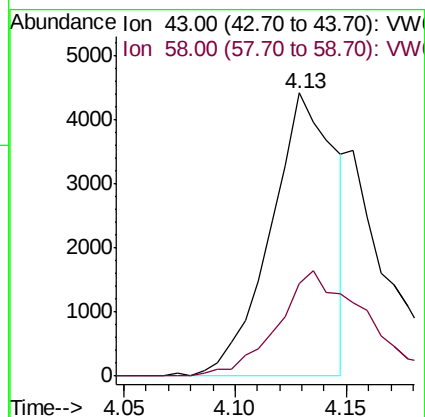
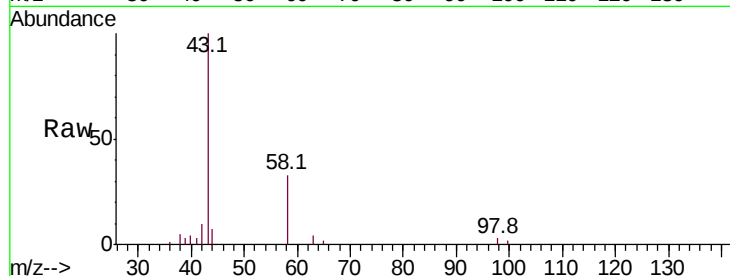
C0AC1

Tot Ion: 43 Resp: 8913

Ion Ratio Lower Upper

43 100

58 51.8 0.0 70.4



#14

Carbon disulfide

Concen: 0.649 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW013656.D

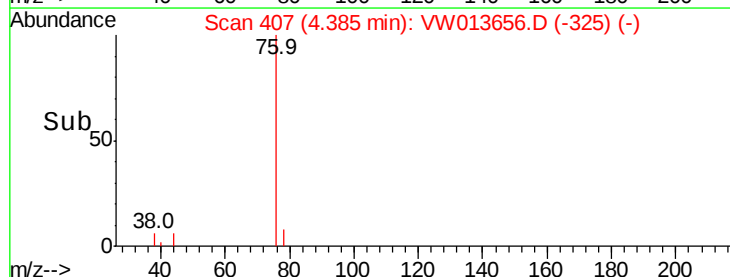
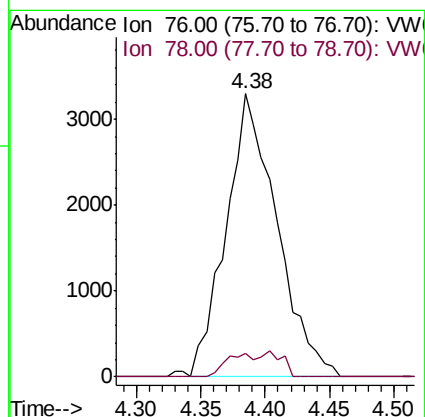
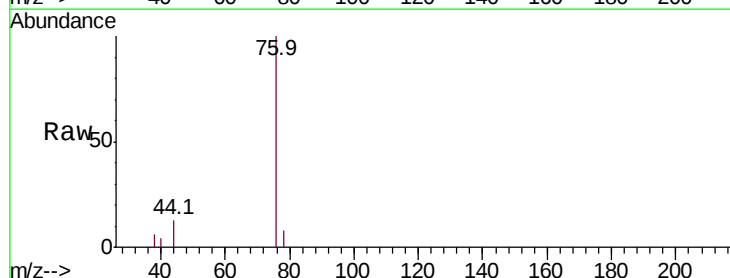
Acq: 22 Oct 2019 15:37

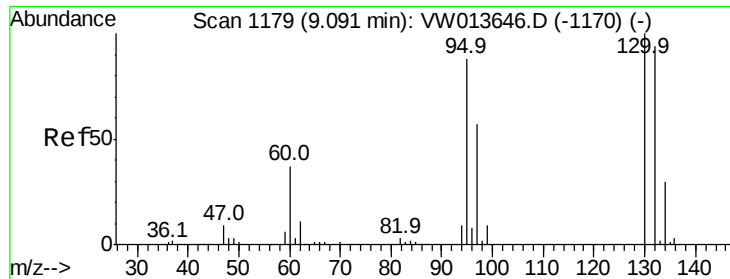
Tgt Ion: 76 Resp: 9049

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7





#35

Trichloroethene

Concen: 1.722 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013656.D

Acq: 22 Oct 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

C0AC1

Tot Ion: 95 Resp: 8489

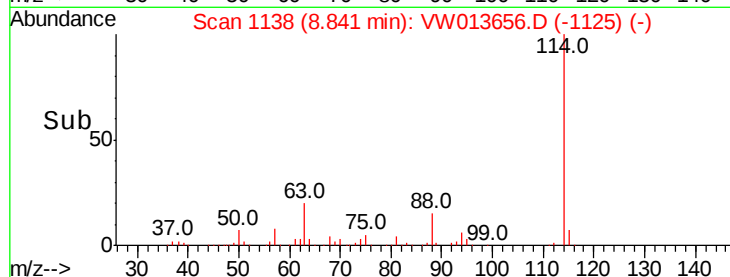
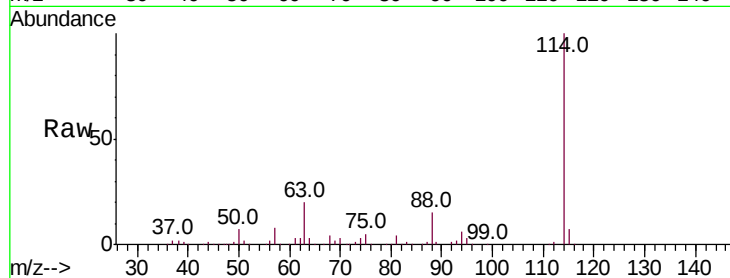
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

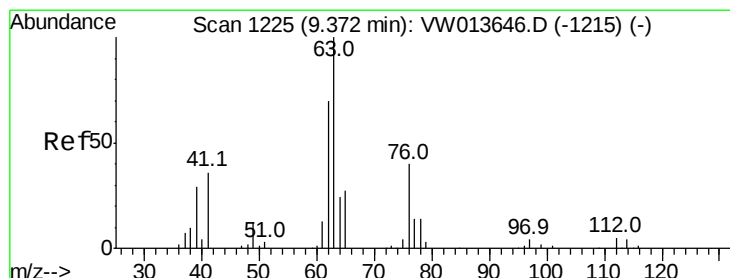
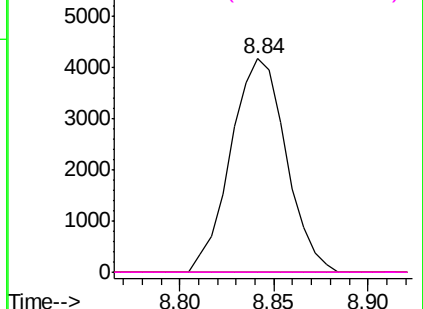


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.115 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013656.D

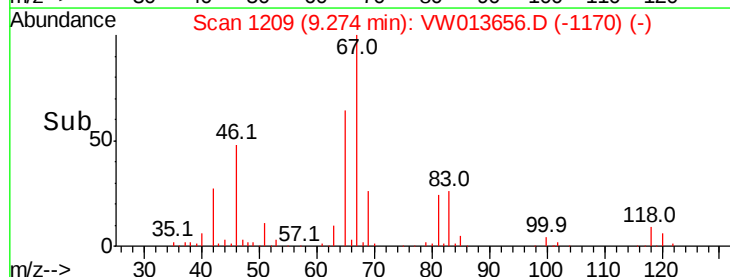
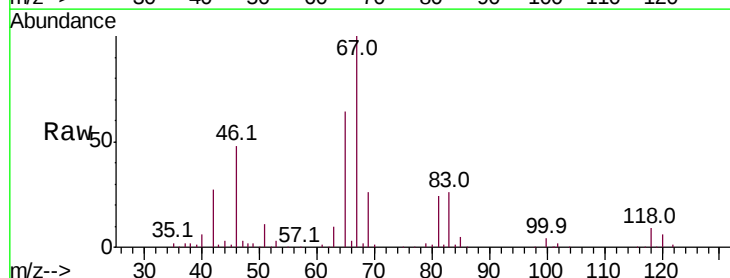
Acq: 22 Oct 2019 15:37

Tgt Ion: 63 Resp: 14638

Ion Ratio Lower Upper

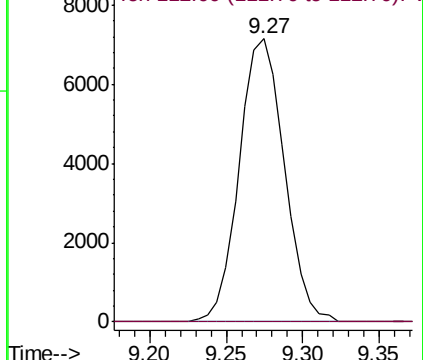
63 100

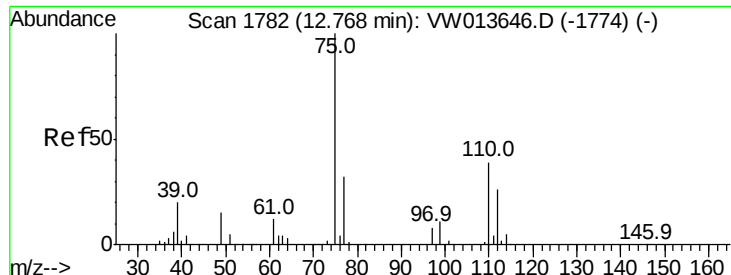
112 0.4 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.975 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013656.D

Acq: 22 Oct 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

C0AC1

Tot Ion: 75 Resp: 12593

Ion Ratio Lower Upper

75 100

77 41.3 26.4 39.6#

