

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009460.D
 Acq On : 26 Mar 2019 12:13
 Operator : SY/VA
 Sample : K2065-07
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:32:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124452	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72234	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
7) Chloroethane-d5	2.89	69	80079	17.21	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
10) 1,1-Dichloroethene-d2	4.01	63	120102	13.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.88%
20) 2-Butanone-d5	7.08	46	66233	40.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.54%
24) Chloroform-d	7.64	84	185139	20.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	8.31	65	115250	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.28%
29) Benzene-d6	8.27	84	323509	19.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.80%
33) 1,2-Dichloropropane-d6	9.27	67	105980	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.76%
37) Toluene-d8	10.32	98	271572	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.72%
38) trans-1,3-Dichloropropene-	10.58	79	44406	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.88%
39) 2-Hexanone-d5	10.93	63	45088	36.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100621	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	97426	20.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.68%

Target Compounds

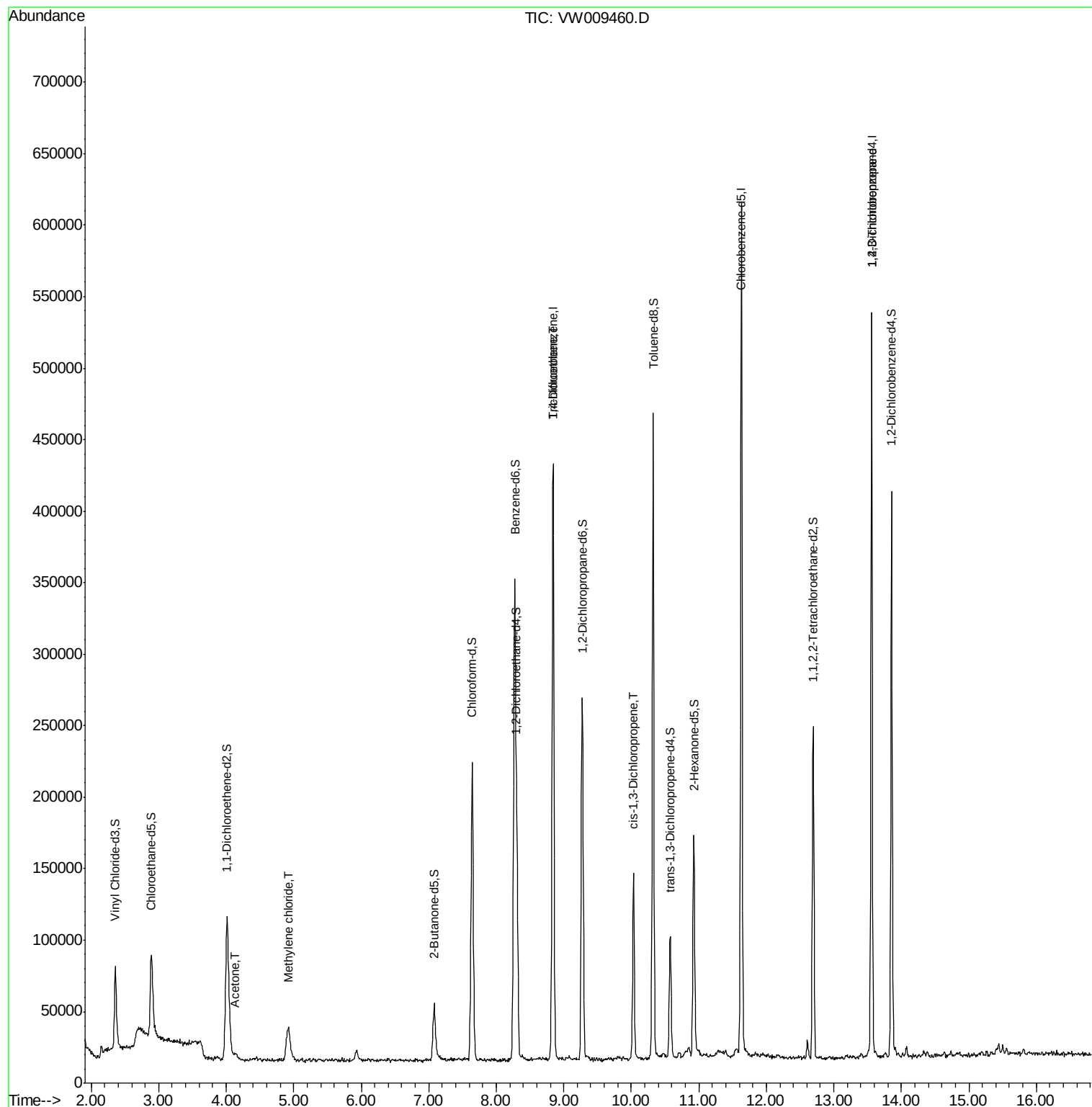
					Ovalue
13) Acetone	4.12	43	6125	4.541 ug/L	58
16) Methylene chloride	4.92	84	19362	3.990 ug/L	88
35) Trichloroethene	8.84	95	9898	2.221 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	3802	0.544 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	17056	4.976 ug/L	90

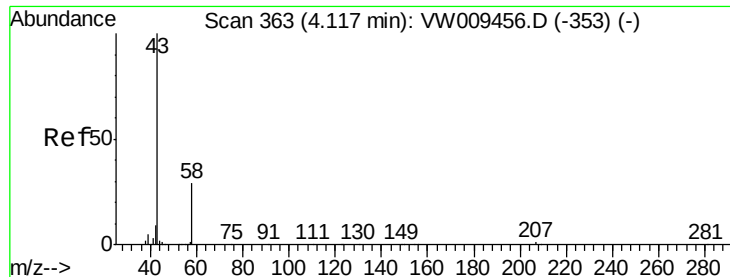
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.541 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009460.D

Acq: 26 Mar 2019 12:13

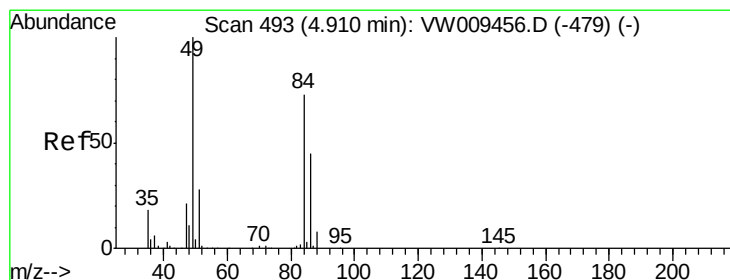
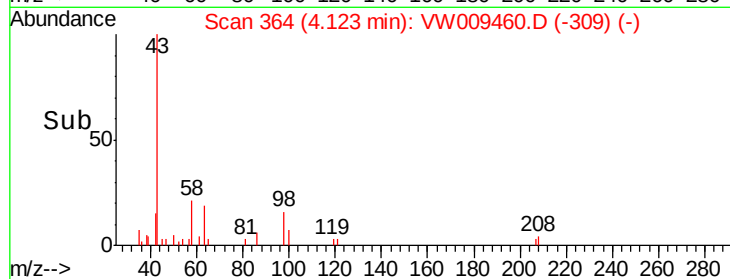
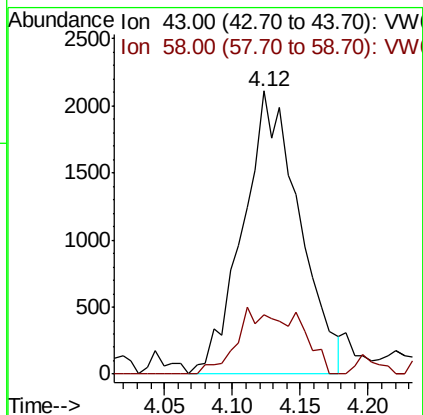
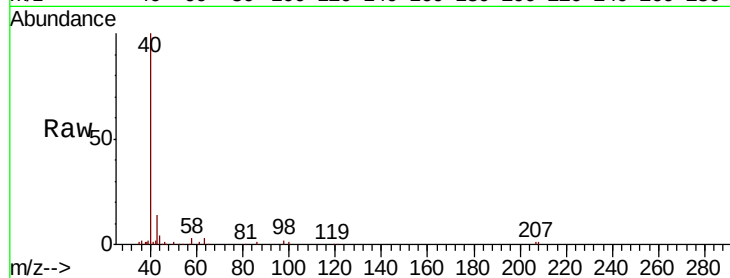
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 6125

Ion Ratio Lower Upper

43 100

58 6.2 0.0 56.2



#16

Methylene chloride

Concen: 3.990 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009460.D

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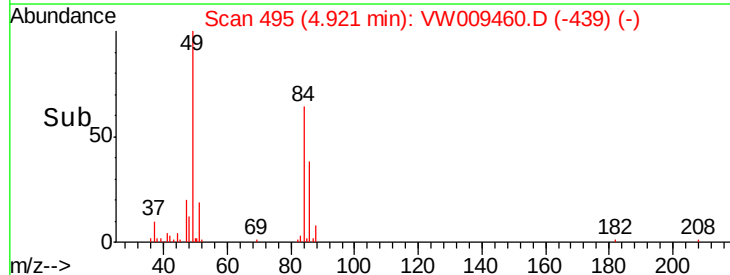
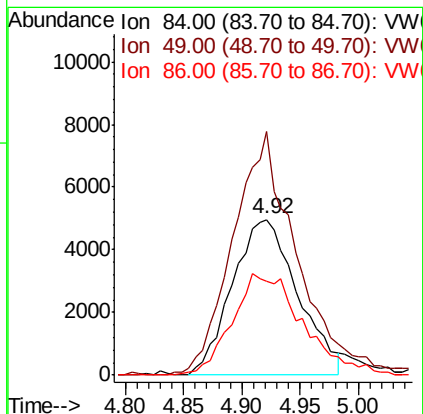
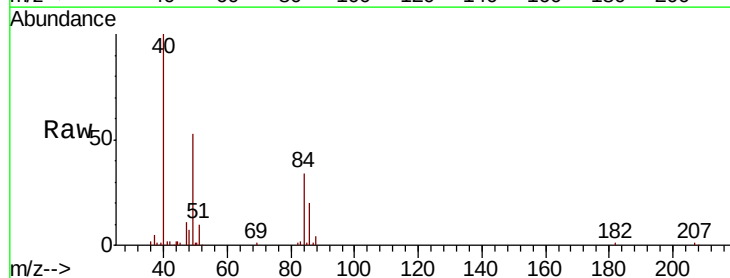
Tgt Ion: 84 Resp: 19362

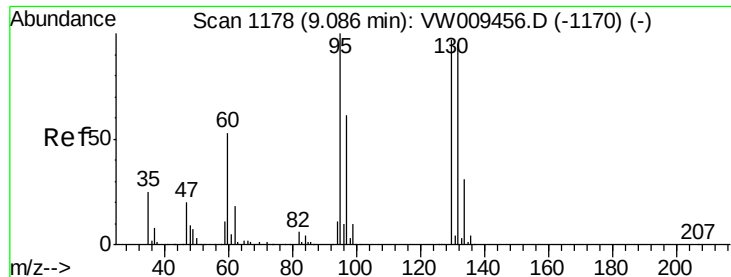
Ion Ratio Lower Upper

84 100

49 156.6 96.0 178.2

86 60.0 44.4 82.5





#35

Trichloroethene

Concen: 2.221 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009460.D

Acq: 26 Mar 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9898

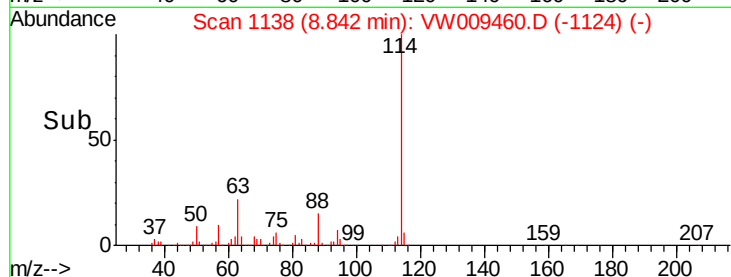
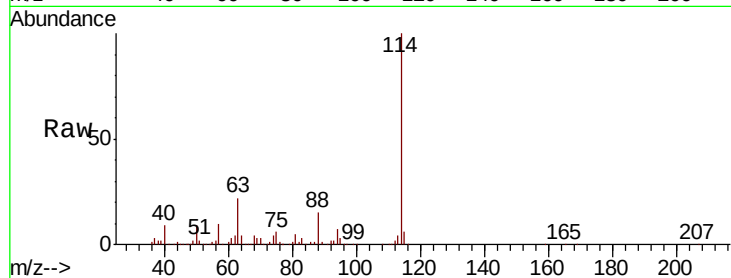
Ion Ratio Lower Upper

95 100

97 0.5 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

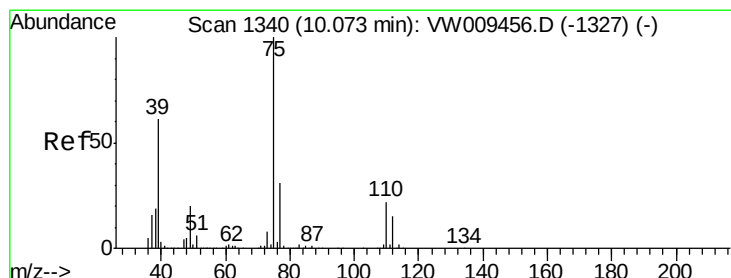
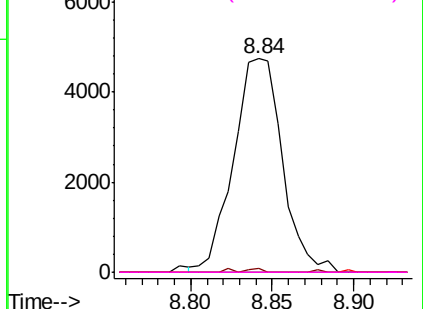


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009460.D

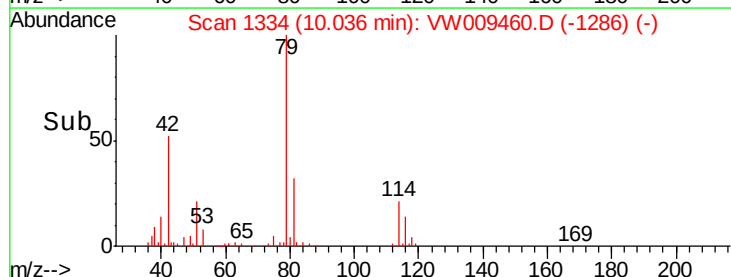
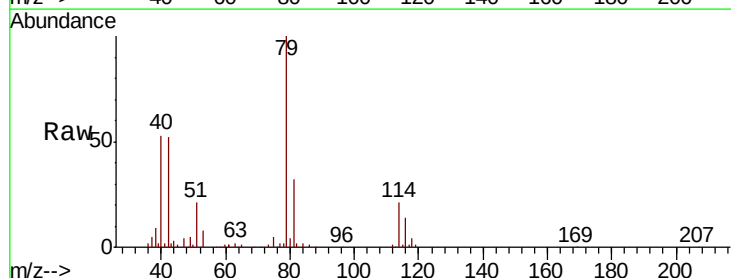
Acq: 26 Mar 2019 12:13

Tgt Ion: 75 Resp: 3802

Ion Ratio Lower Upper

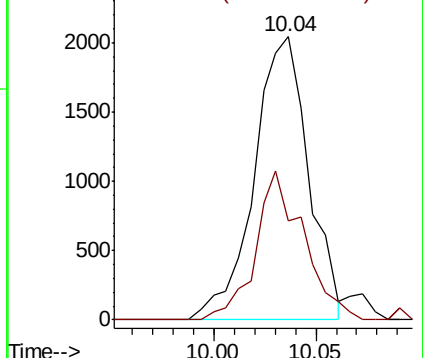
75 100

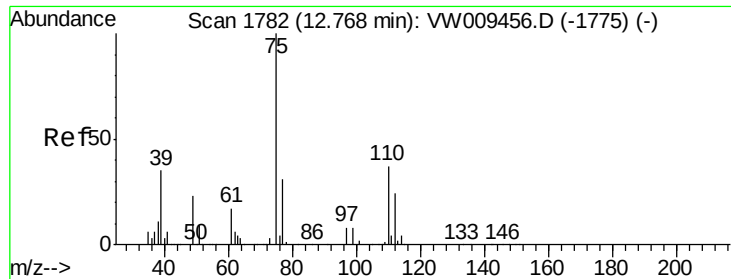
77 35.2 21.6 40.2



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: 4.976 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009460.D

Acq: 26 Mar 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17056

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

