

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009347.D
 Acq On : 22 Mar 2019 14:37
 Operator : SY/VA
 Sample : K2017-17
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E3

Quant Time: Mar 23 00:17:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102771	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.89	69	107373	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
10) 1,1-Dichloroethene-d2	4.01	63	166093	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.08	46	108469	53.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.48%
24) Chloroform-d	7.65	84	253283	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.12	65	87	0.01	ug/L	-0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	471016	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
33) 1,2-Dichloropropane-d6	9.27	67	148526	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	414520	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	68503	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	78909	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162306	24.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	170359	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

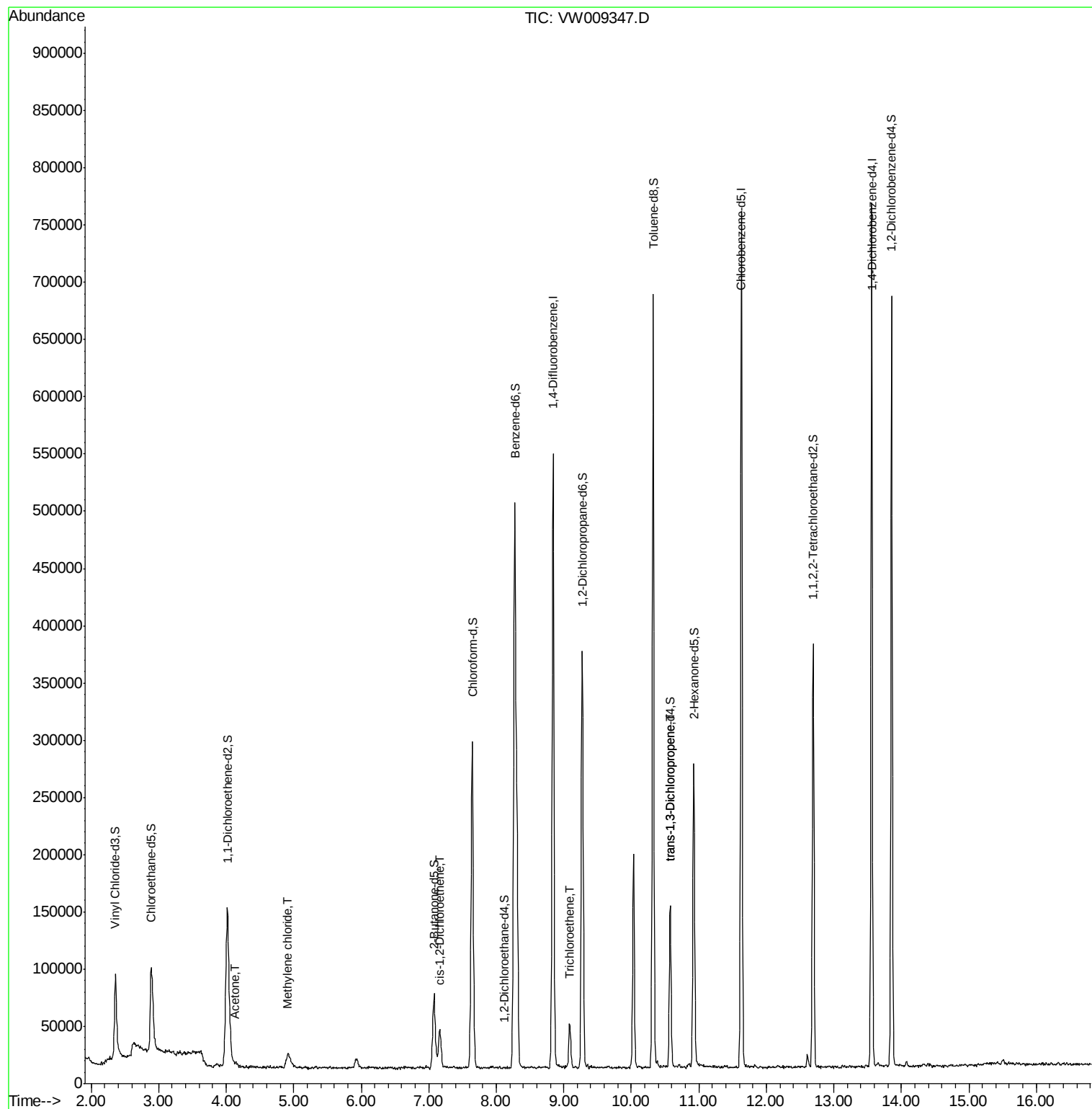
					Qvalue
13) Acetone	4.13	43	2248	1.358 ug/L	59
16) Methylene chloride	4.91	84	6438	1.081 ug/L	93
22) cis-1,2-Dichloroethene	7.16	96	17130	2.991 ug/L	95
35) Trichloroethene	9.09	95	11988	2.051 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	3581	0.449 ug/L #	63

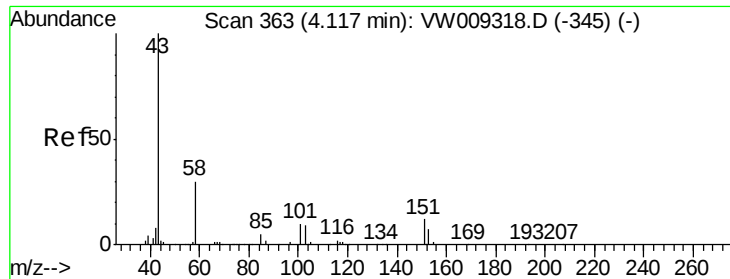
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.358 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009347.D

Acq: 22 Mar 2019 14:37

Instrument :

MSVOA_W

ClientSampled :

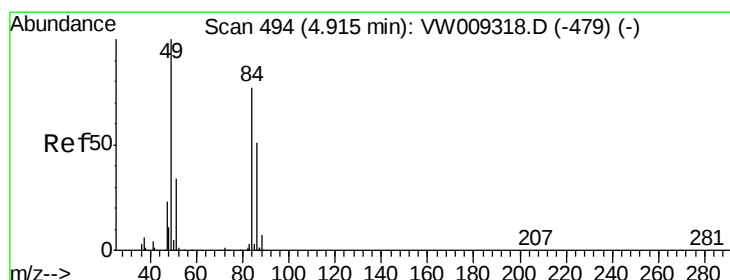
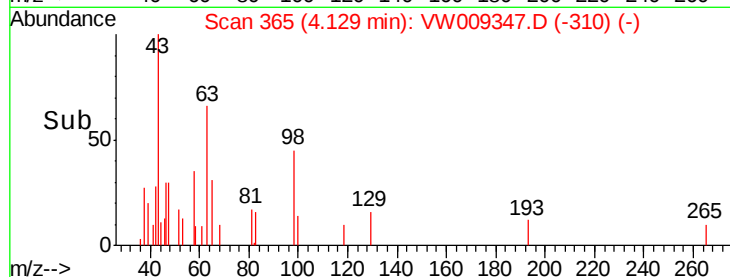
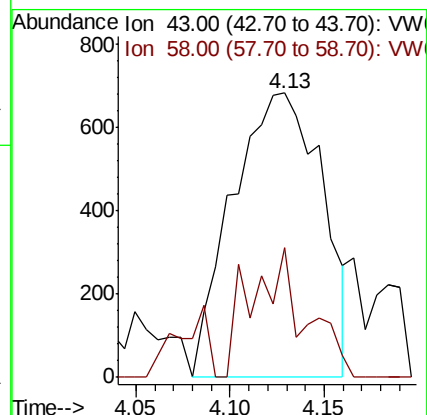
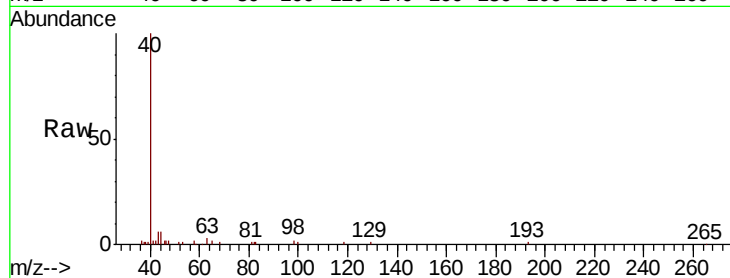
BFOE3

Tgt Ion: 43 Resp: 2248

Ion Ratio Lower Upper

43 100

58 6.5 0.0 56.2



#16

Methylene chloride

Concen: 1.081 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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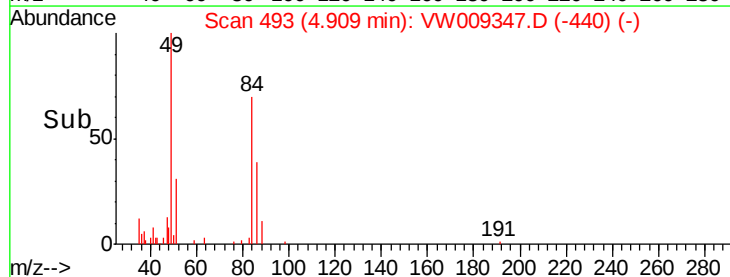
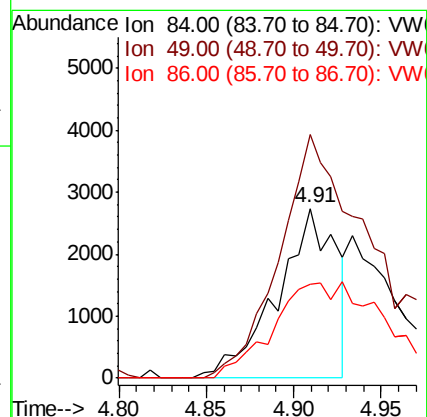
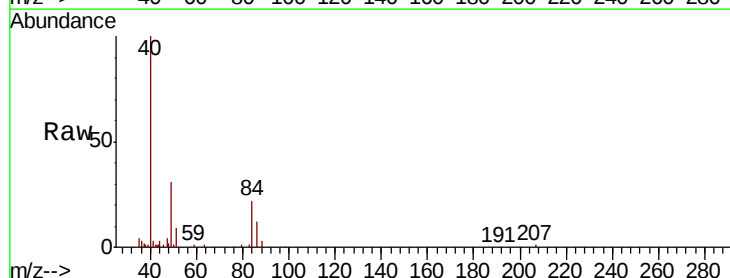
Tgt Ion: 84 Resp: 6438

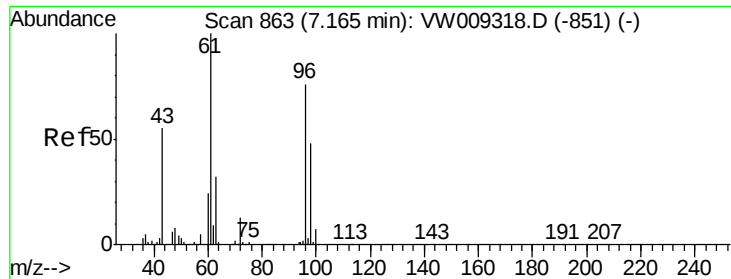
Ion Ratio Lower Upper

84 100

49 143.4 96.0 178.2

86 55.3 44.4 82.5



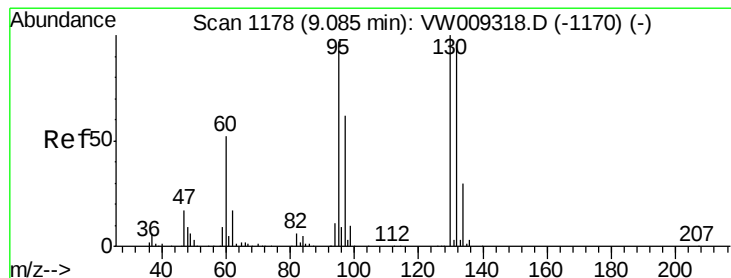
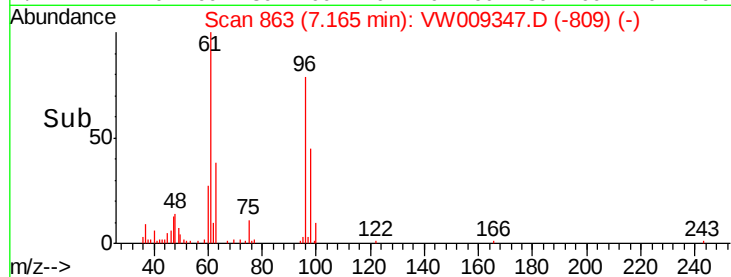
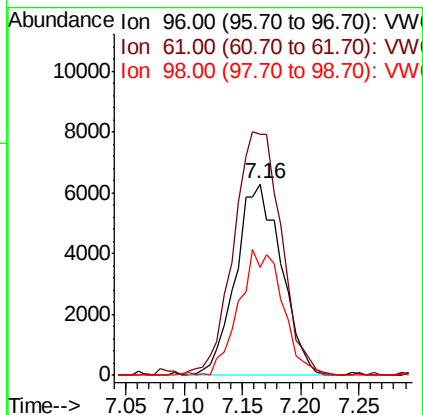
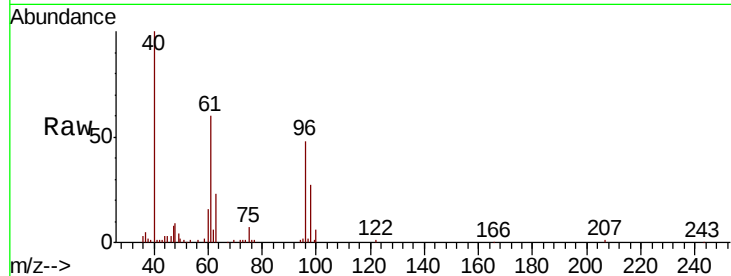


#22

cis-1,2-Dichloroethene
 Concen: 2.991 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
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 MSVOA_W
 ClientSampled :
 BF0E3

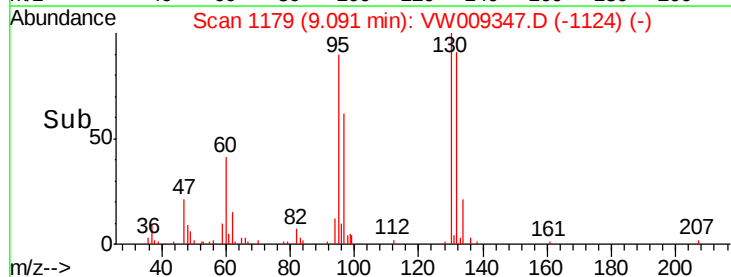
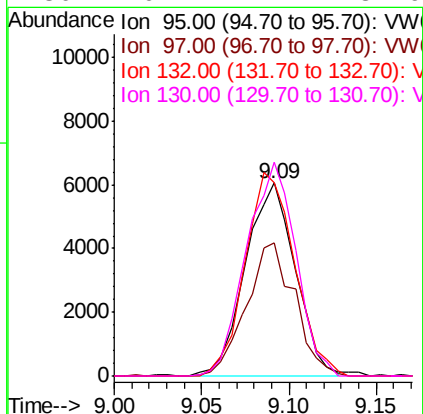
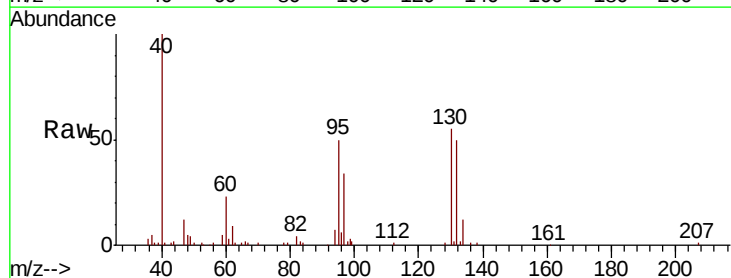
Tgt Ion: 96 Resp: 17130
 Ion Ratio Lower Upper
 96 100
 61 125.9 90.6 168.3
 98 56.2 44.0 81.8

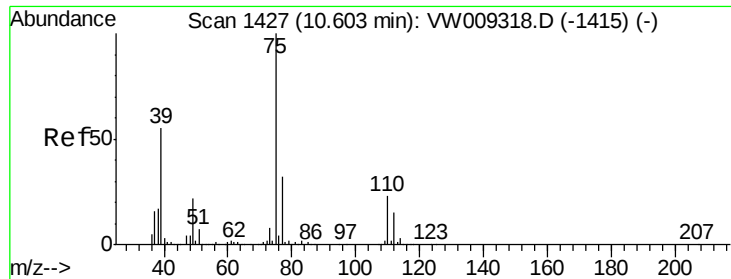


#35

Trichloroethene
 Concen: 2.051 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009347.D
 Acq: 22 Mar 2019 14:37

Tgt Ion: 95 Resp: 11988
 Ion Ratio Lower Upper
 95 100
 97 67.0 44.7 82.9
 132 105.0 69.0 128.2
 130 110.2 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009347.D

Acq: 22 Mar 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

BF0E3

Tgt Ion: 75 Resp: 3581

Ion Ratio Lower Upper

75 100

77 52.9 22.5 41.7#

