

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009712.D
 Acq On : 05 Apr 2019 05:15
 Operator : SY/VA
 Sample : K2276-10
 Misc : 6.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF137

Quant Time: Apr 05 07:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410511	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145870	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.96%
7) Chloroethane-d5	2.89	69	135300	27.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.28%
10) 1,1-Dichloroethene-d2	4.01	63	245364	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.44%
20) 2-Butanone-d5	7.07	46	91956	52.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.80%
24) Chloroform-d	7.64	84	329624	29.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	8.30	65	208386	30.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.48%
29) Benzene-d6	8.27	84	625790	29.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.16%
33) 1,2-Dichloropropane-d6	9.27	67	193621	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.36%
37) Toluene-d8	10.32	98	563372	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.08%
38) trans-1,3-Dichloropropene-	10.58	79	82335	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.76%
39) 2-Hexanone-d5	10.93	63	60915	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163085	26.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	202405	33.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.44%#

Target Compounds

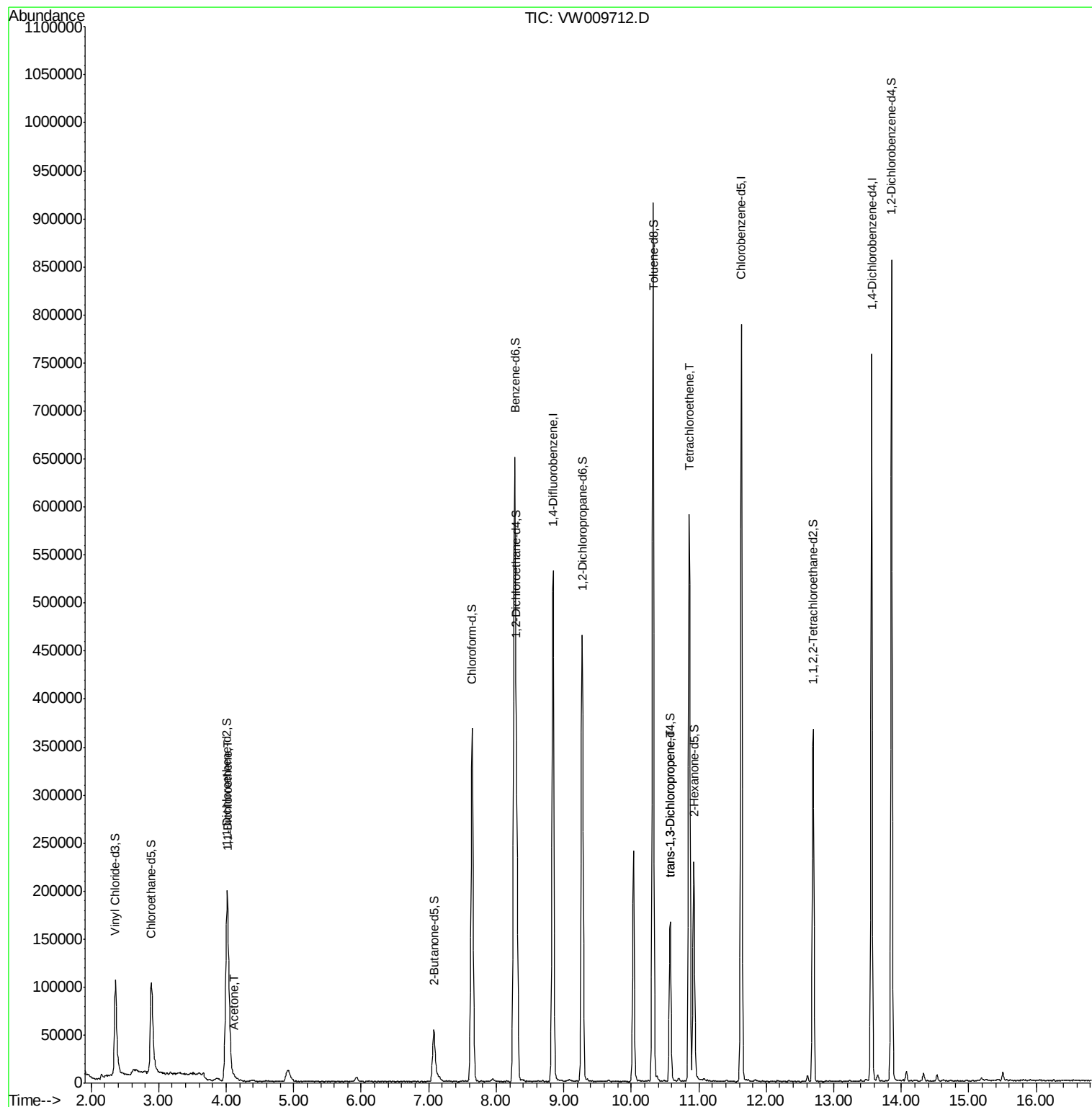
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	2972	0.542	ug/L #	1
13) Acetone	4.12	43	2449	1.302	ug/L	61
45) trans-1,3-Dichloropropene	10.58	75	4454	0.527	ug/L	91
47) Tetrachloroethene	10.86	164	122544	24.072	ug/L	98

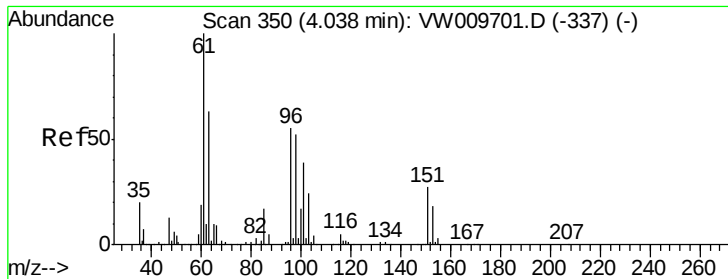
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.542 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW009712.D

Acq: 05 Apr 2019 05:15

Instrument :

MSVOA_W

ClientSampleId :

BF137

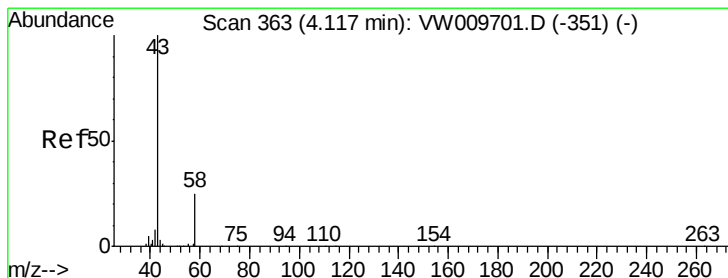
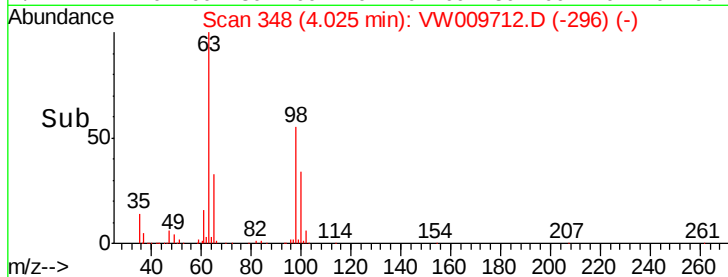
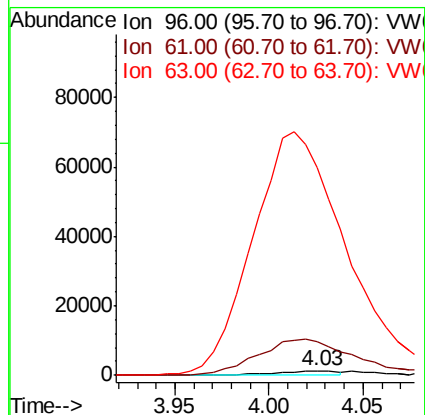
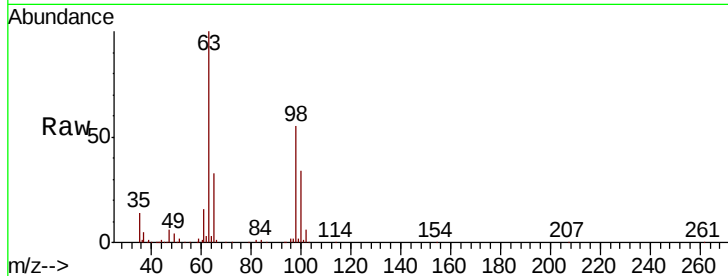
Tgt Ion: 96 Resp: 2972

Ion Ratio Lower Upper

96 100

61 714.4 138.8 257.8#

63 4450.4 114.6 212.8#



#13

Acetone

Concen: 1.302 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009712.D

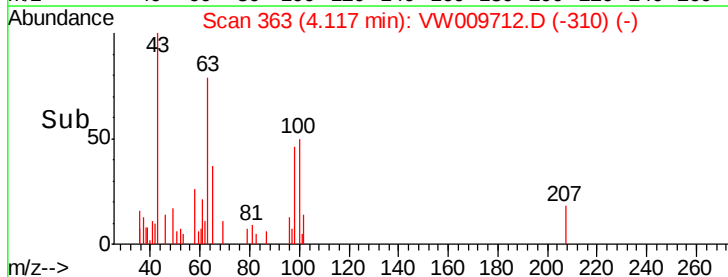
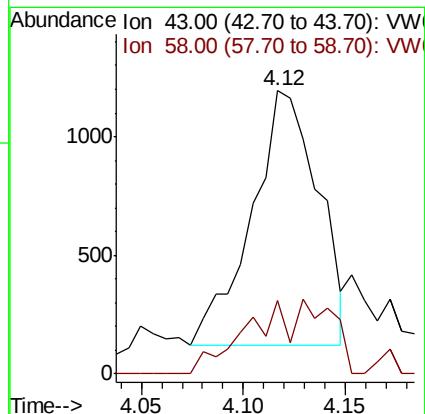
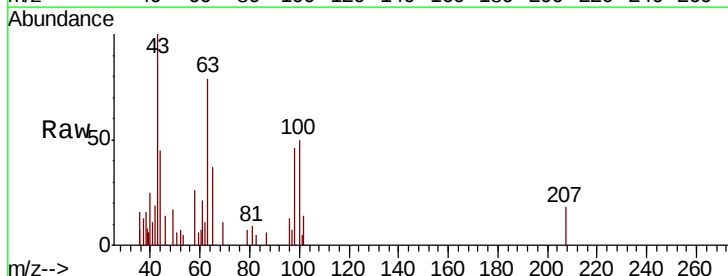
Acq: 05 Apr 2019 05:15

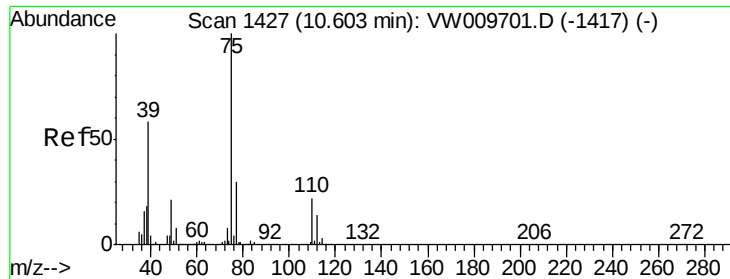
Tgt Ion: 43 Resp: 2449

Ion Ratio Lower Upper

43 100

58 6.6 0.0 53.0





#45

trans-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009712.D

Acq: 05 Apr 2019 05:15

Instrument :

MSVOA_W

ClientSampled :

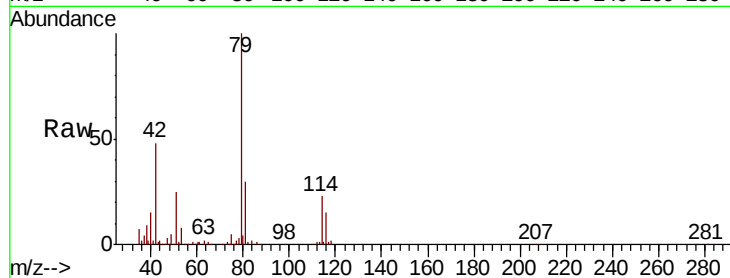
BF137

Tgt Ion: 75 Resp: 4454

Ion Ratio Lower Upper

75 100

77 34.9 21.1 39.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

3000

2500

2000

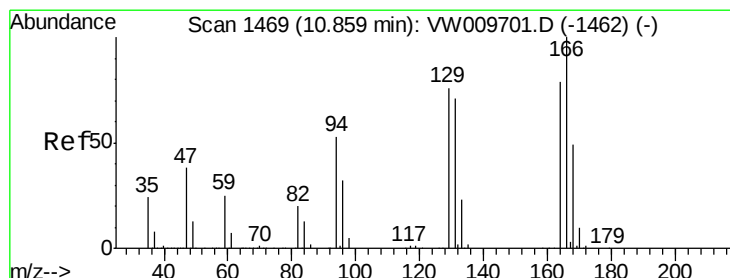
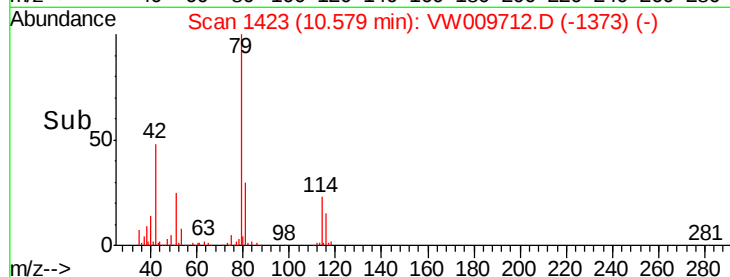
1500

1000

500

0

Time-->



#47

Tetrachloroethene

Concen: 24.072 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009712.D

Acq: 05 Apr 2019 05:15

Tgt Ion: 164 Resp: 122544

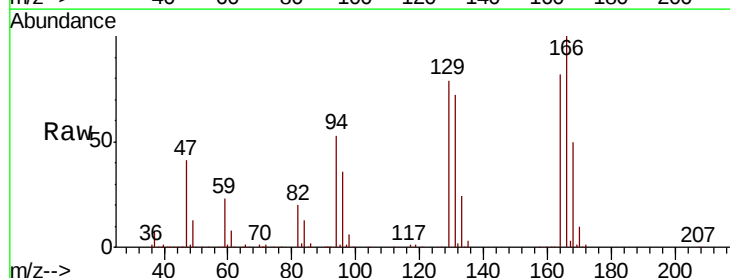
Ion Ratio Lower Upper

164 100

129 96.4 68.9 127.9

131 88.6 63.1 117.1

166 122.5 88.5 164.4



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

100000

50000

0

Time-->

