

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004239.D
 Acq On : 26 Jul 2018 20:17
 Operator : SY/AP
 Sample : J4169-07
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY62

Quant Time: Jul 27 04:00:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238160	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72766	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
7) Chloroethane-d5	2.89	69	53480	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
10) 1,1-Dichloroethene-d2	4.00	63	135027	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.56%
20) 2-Butanone-d5	7.08	46	74785	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
24) Chloroform-d	7.65	84	192118	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.31	65	115360	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.28	84	372566	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	126237	30.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.28%#
37) Toluene-d8	10.33	98	312447	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.76%
38) trans-1,3-Dichloropropene-	10.58	79	41967	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	51066	46.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115702	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	82023	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

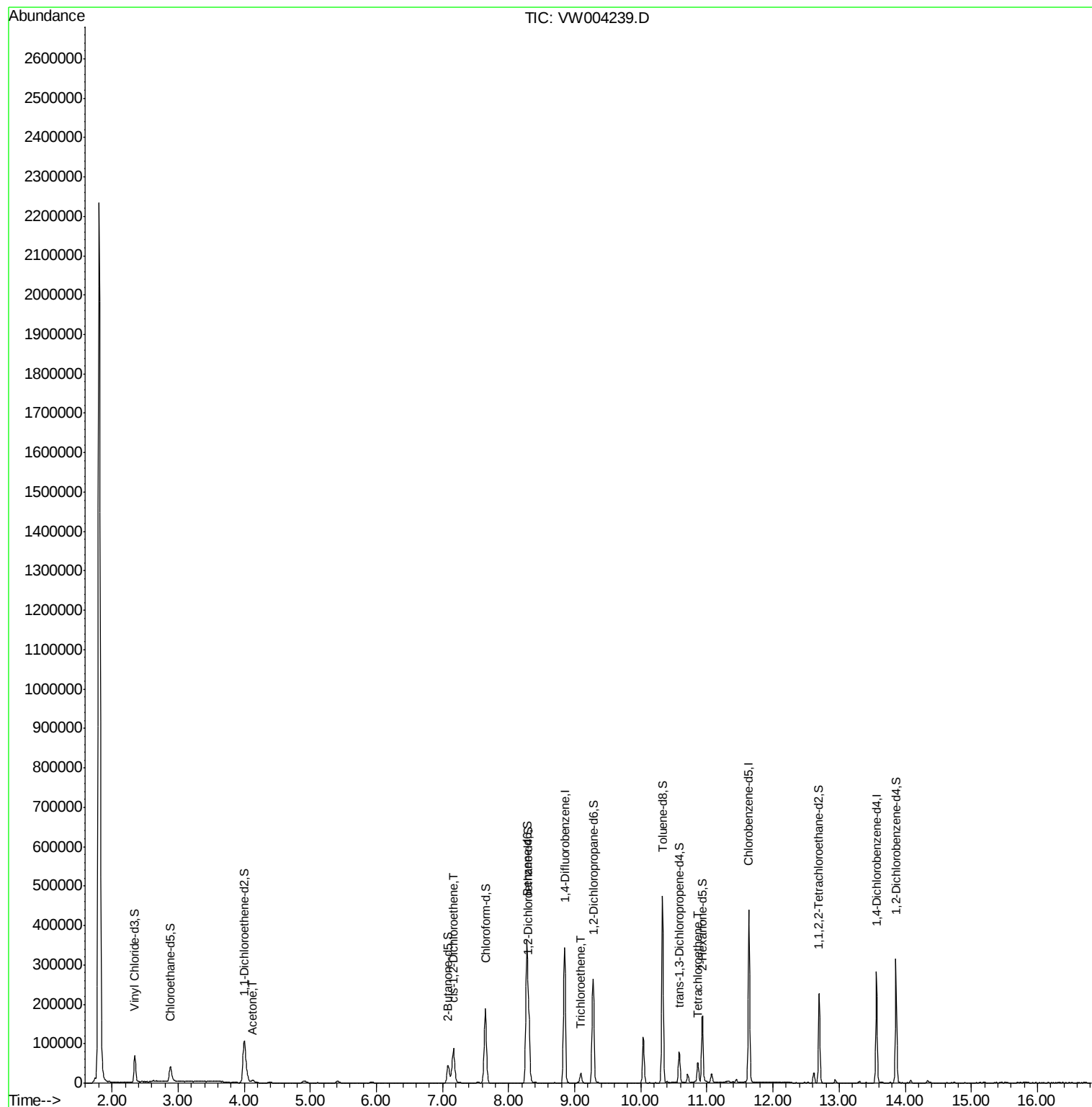
Target Compounds					Ovalue
13) Acetone	4.12	43	9988	6.22	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	40558	10.74	ug/L 97
35) Trichloroethene	9.10	95	8503	2.36	ug/L 98
47) Tetrachloroethene	10.87	164	11157	3.87	ug/L 94

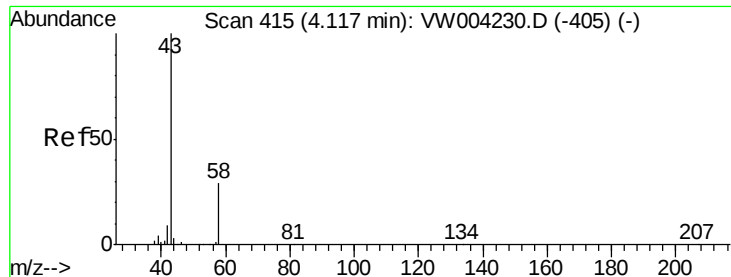
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.22 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

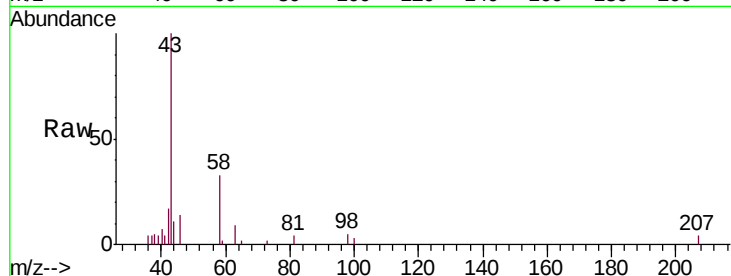
BEY62

Tot Ion: 43 Resp: 9988

Ion Ratio Lower Upper

43 100

58 30.3 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

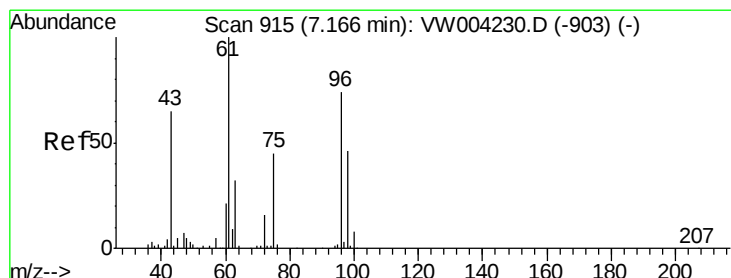
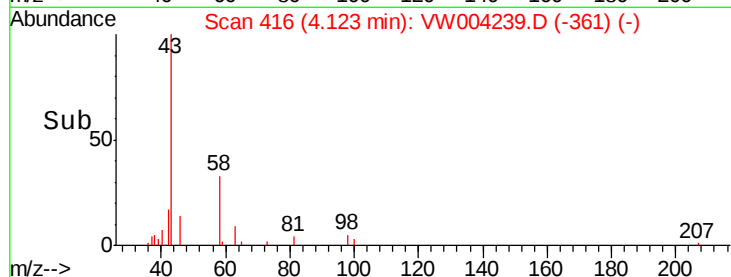
2000

1000

0

4.05 4.10 4.15 4.20

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.74 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

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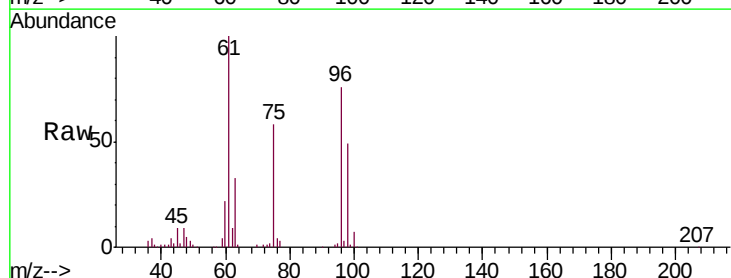
Tgt Ion: 96 Resp: 40558

Ion Ratio Lower Upper

96 100

61 131.5 95.1 176.7

98 63.9 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

7.17

25000

20000

15000

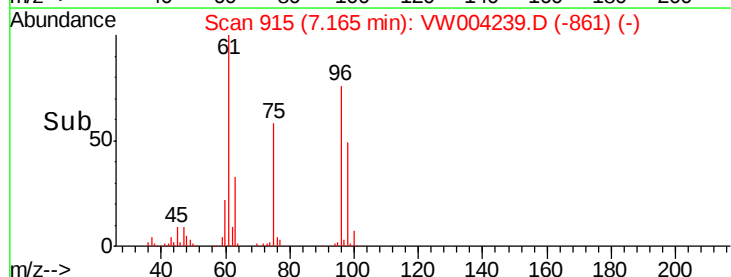
10000

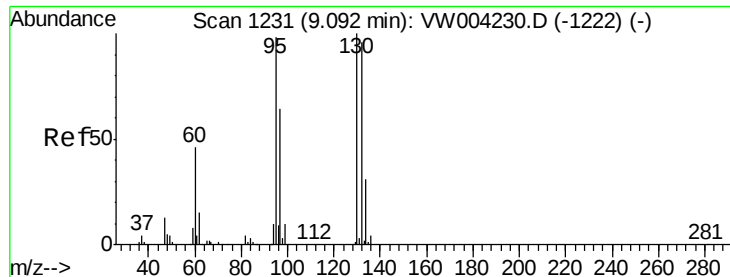
5000

0

7.05 7.10 7.15 7.20 7.25

Time-->





#35

Trichloroethene

Concen: 2.36 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

BEY62

Tot Ion: 95 Resp: 8503

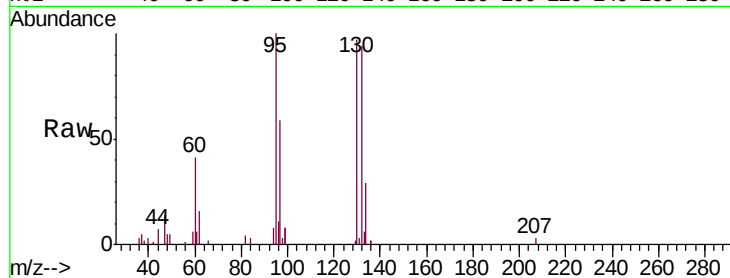
Ion Ratio Lower Upper

95 100

97 63.1 44.9 83.5

132 93.5 67.4 125.2

130 97.9 70.2 130.4

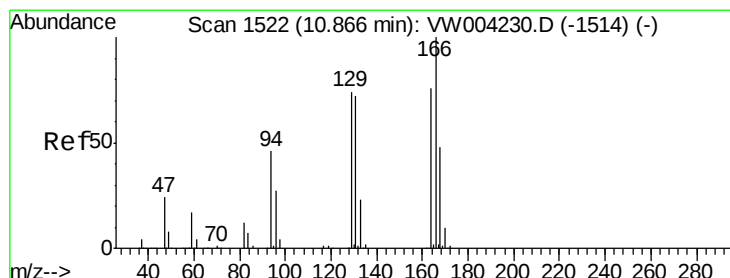
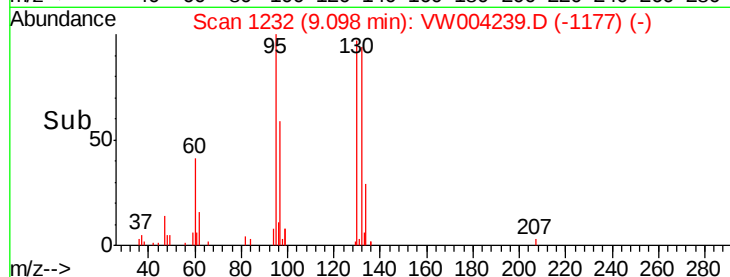
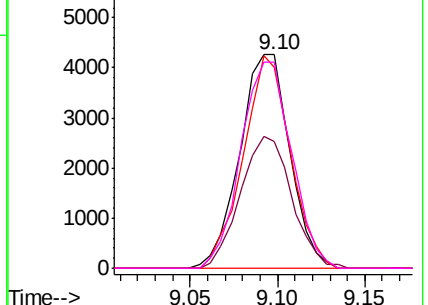


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 3.87 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Acq: 26 Jul 2018 20:17

Tgt Ion:164 Resp: 11157

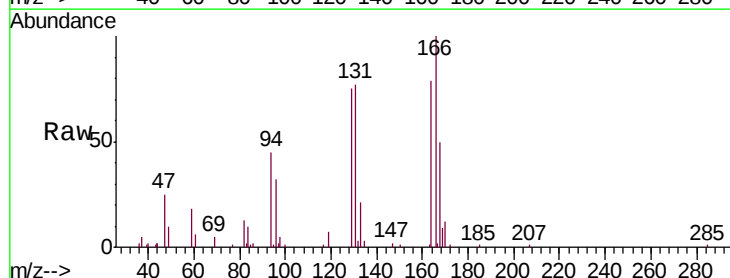
Ion Ratio Lower Upper

164 100

129 95.5 63.4 117.8

131 98.5 63.1 117.1

166 130.2 87.5 162.5



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

