

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062118\
 Data File : VV006399.D
 Acq On : 21 Jun 2018 18:21
 Operator : SY/MD
 Sample : J3553-04DL 4X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KJ2DL

Quant Time: Jun 22 02:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300505	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72629	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	37488	2.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.00%#
11) 1,1-Dichloroethene-d2	2.13	63	102079	3.20	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.97	46	241006	69.16	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.32%#
24) Chloroform-d	4.41	84	151087	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	82063	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	318280	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	102458	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	272897	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	30131	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.15	63	185910	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68159	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	106544	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

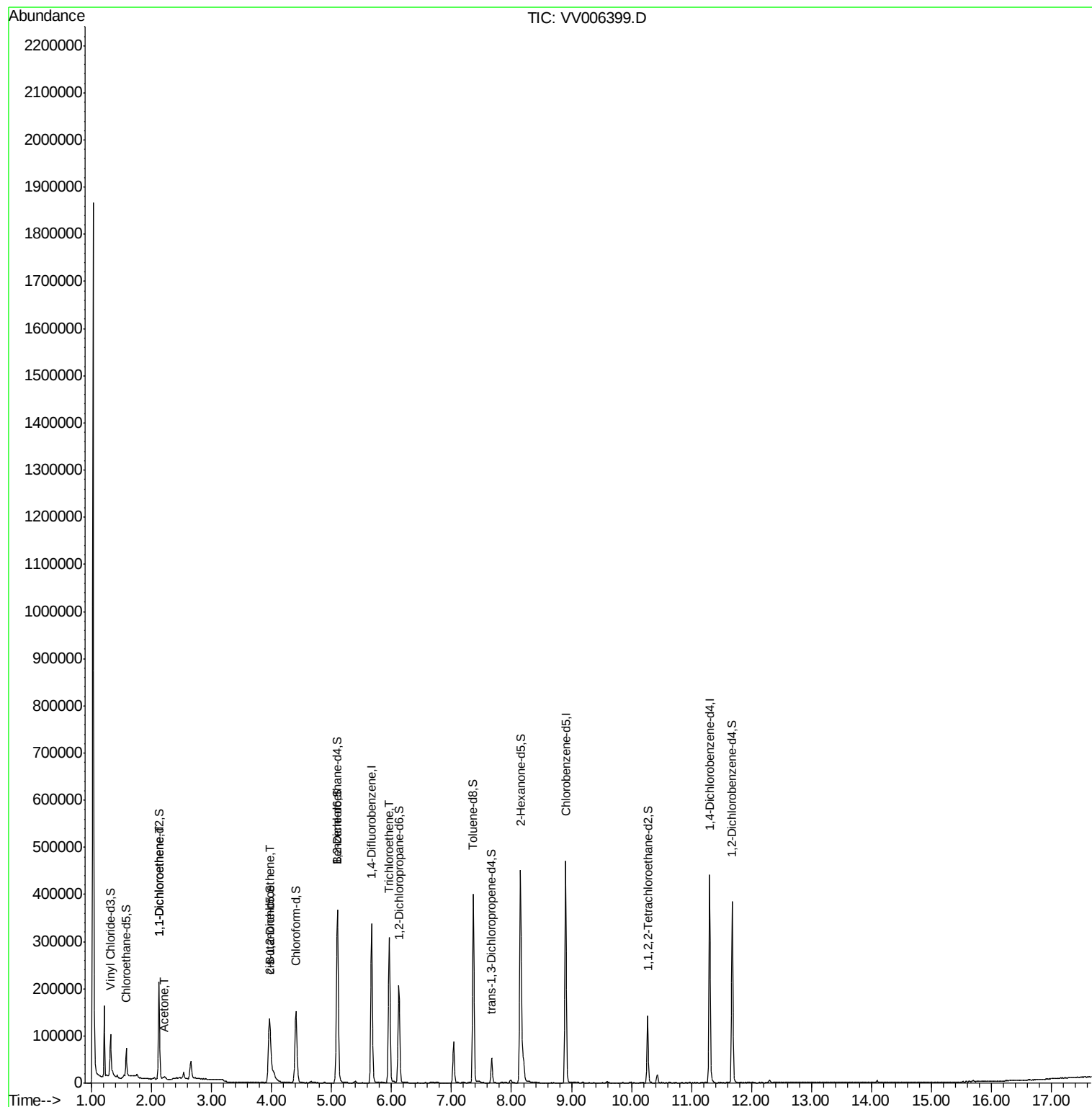
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.13	96	7339	0.43 ug/L	# 1
13) Acetone	2.22	43	6192	3.28 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	5331	0.26 ug/L	# 98
34) Trichloroethene	5.96	95	105794	5.18 ug/L	99

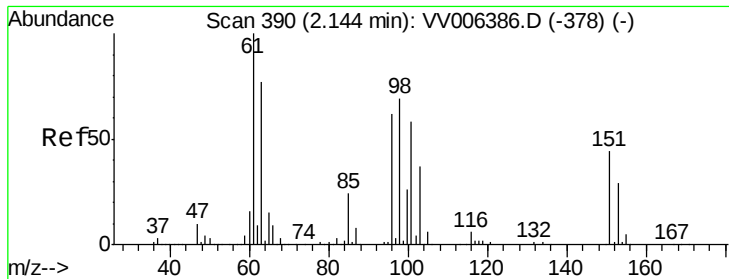
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.43 ug/L

RT: 2.13 min Scan# 387

Delta R.T. -0.01 min

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Acq: 21 Jun 2018 18:21

Instrument :

MSVOA_V

ClientSampleId :

C0KJ2DL

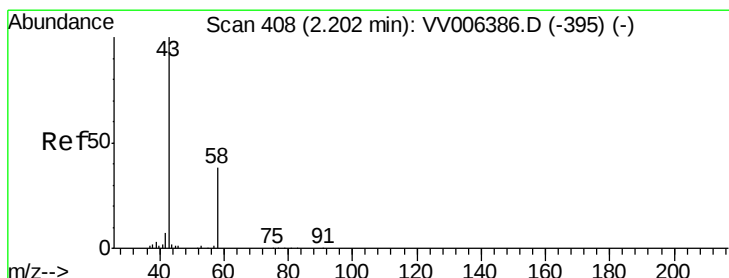
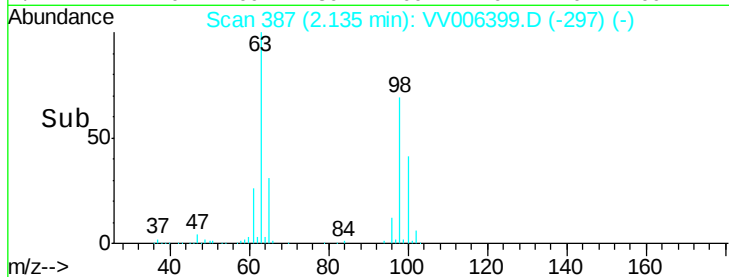
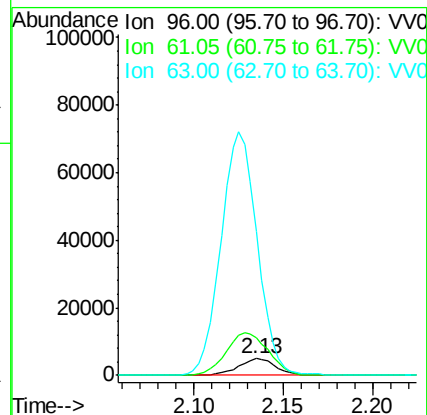
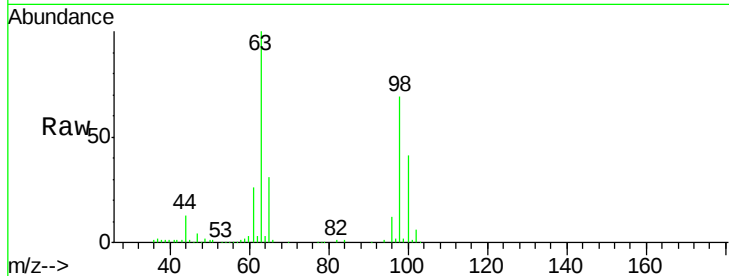
Tot Ion: 96 Resp: 7339

Ion Ratio Lower Upper

96 100

61 225.0 114.2 212.2#

63 865.9 85.0 157.8#



#13

Acetone

Concen: 3.28 ug/L

RT: 2.22 min Scan# 412

Delta R.T. 0.01 min

Lab File: VV006399.D

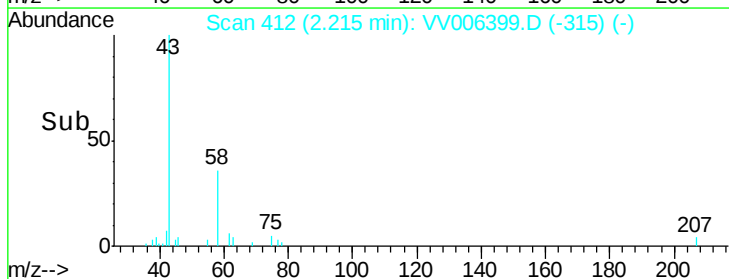
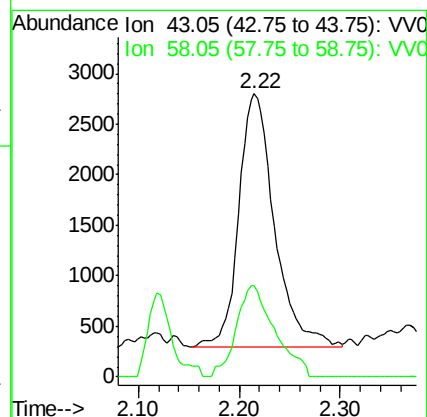
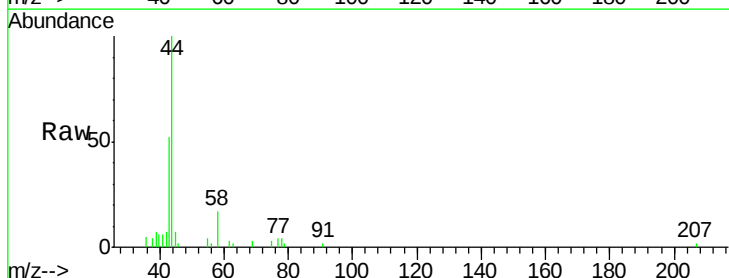
Acq: 21 Jun 2018 18:21

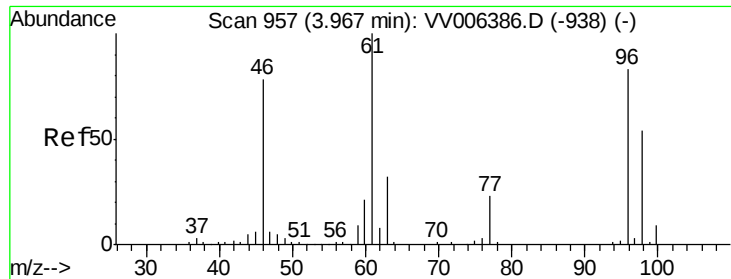
Tgt Ion: 43 Resp: 6192

Ion Ratio Lower Upper

43 100

58 38.7 0.0 67.4





#22

cis-1,2-Dichloroethene

Concen: 0.26 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0KJ2DL

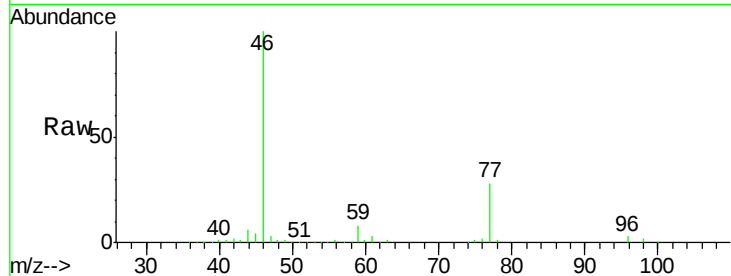
Tot Ion: 96 Resp: 5331

Ion Ratio Lower Upper

96 100

61 122.3 84.1 156.3

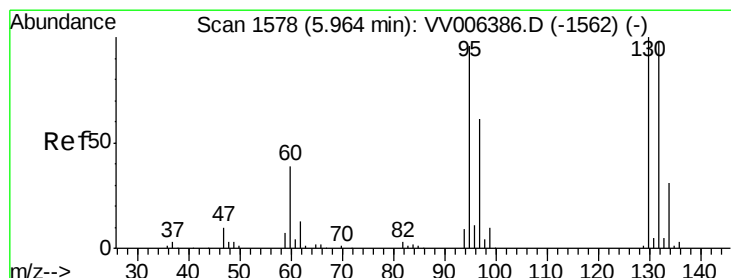
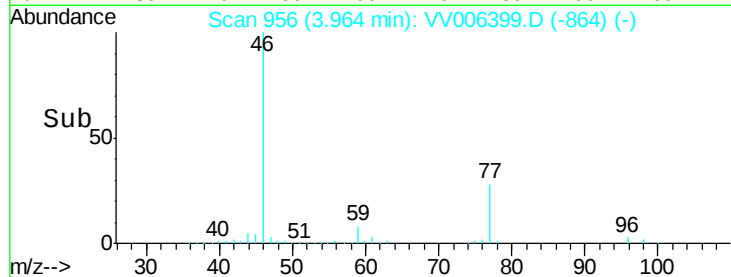
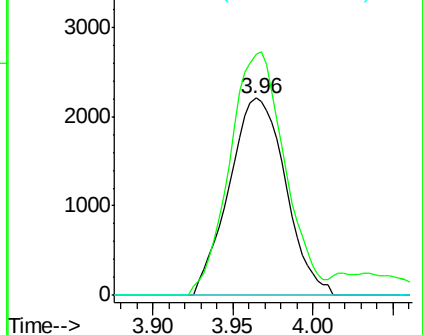
68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene

Concen: 5.18 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006399.D

Acq: 21 Jun 2018 18:21

Tgt Ion: 95 Resp: 105794

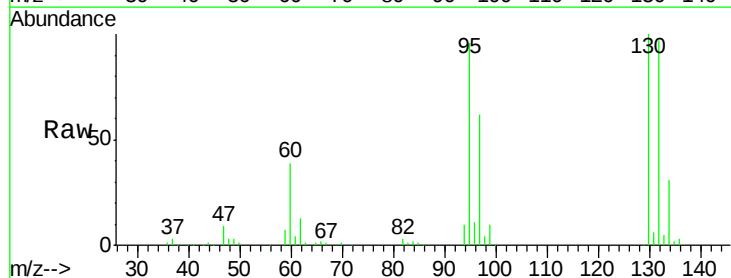
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 101.0 69.0 128.1

130 104.3 72.8 135.2



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

