

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008015.D
 Acq On : 02 Oct 2018 00:38
 Operator : SY/MD
 Sample : J5159-19
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA3

Quant Time: Oct 02 05:19:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87122	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42571	5.00	ug/L	0.00

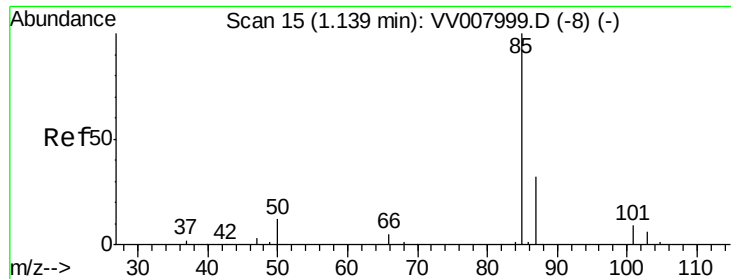
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24661	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.59	69	21570	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	39056	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.98	46	69346	46.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.92%
24) Chloroform-d	4.41	84	54390	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	29729	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	107345	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	33210	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	100041	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	10559	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	49984	44.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23760	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	41532	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	3159	0.411 ug/L	99
9) Trichlorofluoromethane	1.77	101	2498	0.209 ug/L	96
19) 1,1-Dichloroethane	3.23	63	13736	1.207 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	4170	0.617 ug/L	88
34) Trichloroethene	5.96	95	3349	0.469 ug/L	89
47) Tetrachloroethene	8.02	164	11466	1.732 ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.411 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

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ClientSampleId :

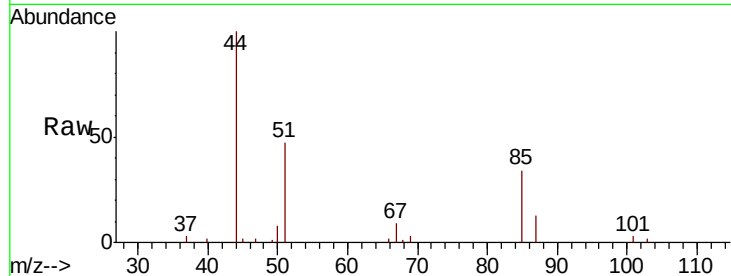
GACA3

Tot Ion: 85 Resp: 3159

Ion Ratio Lower Upper

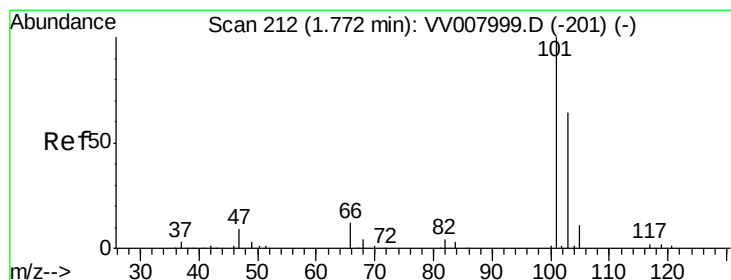
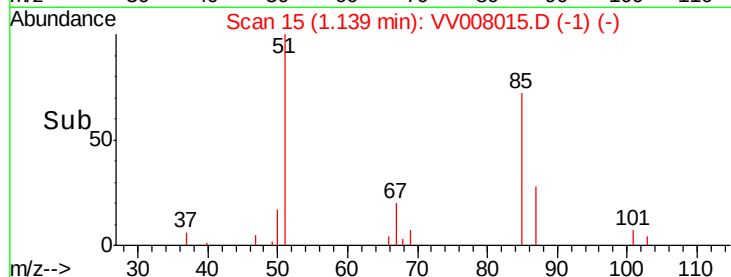
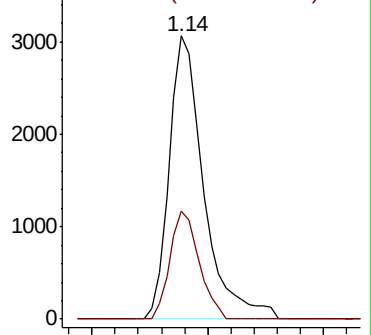
85 100

87 32.1 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV007999.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV007999.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 0.209 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008015.D

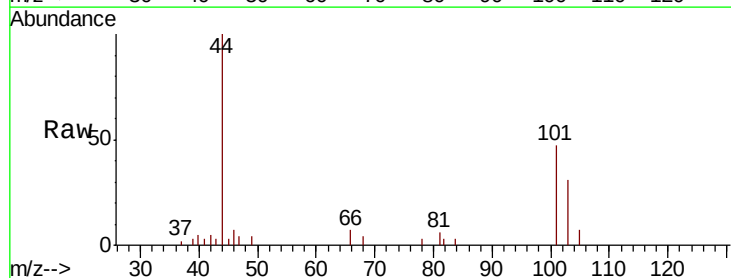
Acq: 02 Oct 2018 00:38

Tgt Ion: 101 Resp: 2498

Ion Ratio Lower Upper

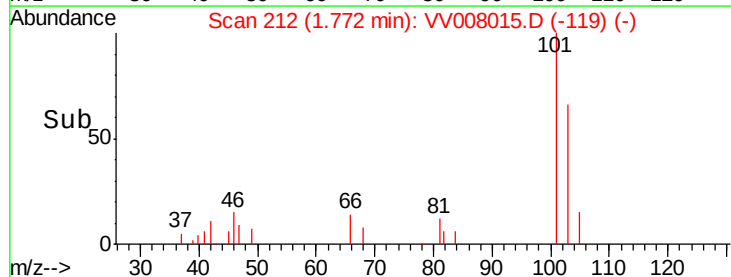
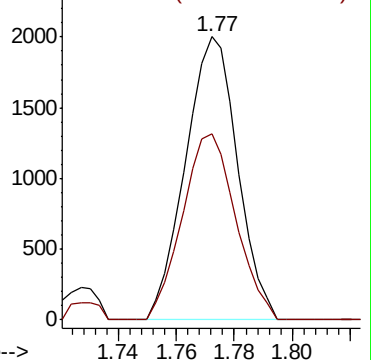
101 100

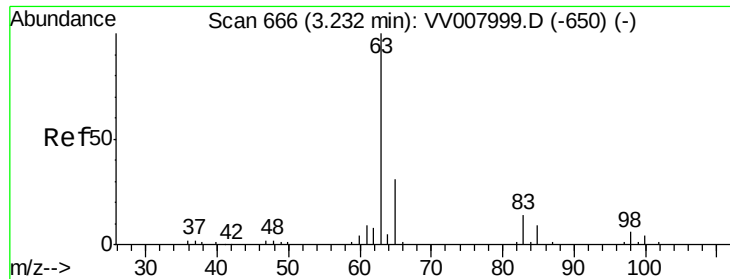
103 67.3 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV007999.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV007999.D (-201) (-)





#19

1,1-Dichloroethane

Concen: 1.207 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV008015.D

Acq: 02 Oct 2018 00:38

Instrument :

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ClientSampleId :

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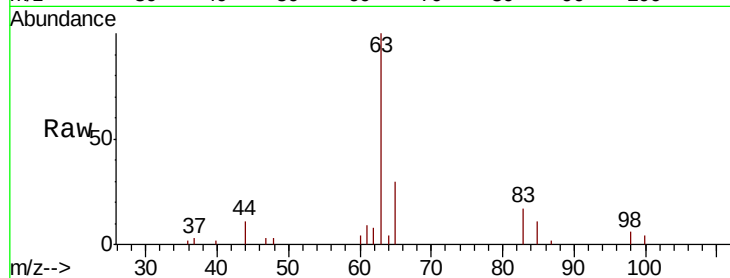
Tot Ion: 63 Resp: 13736

Ion Ratio Lower Upper

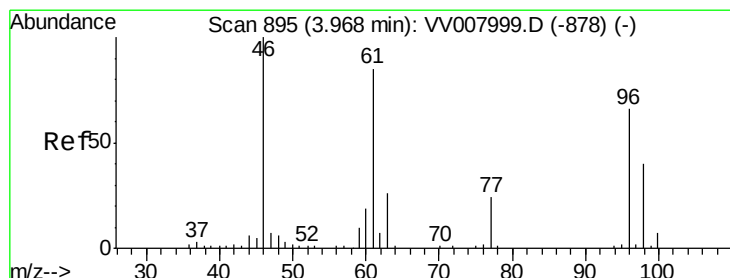
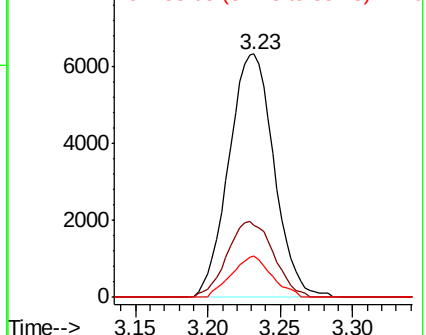
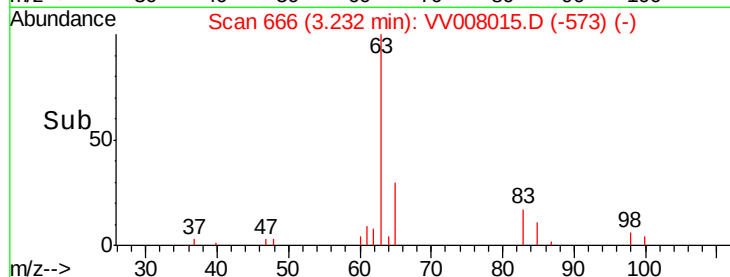
63 100

65 29.9 22.3 41.5

83 16.8 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VV008015.D (-573) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.617 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008015.D

Acq: 02 Oct 2018 00:38

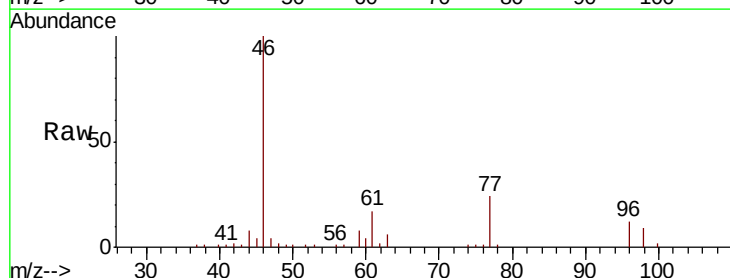
Tgt Ion: 96 Resp: 4170

Ion Ratio Lower Upper

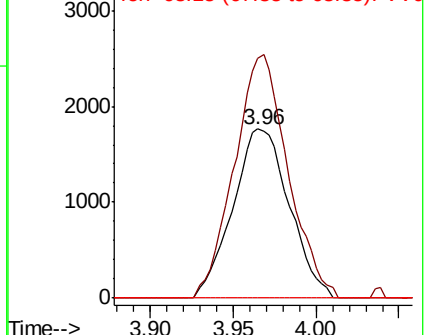
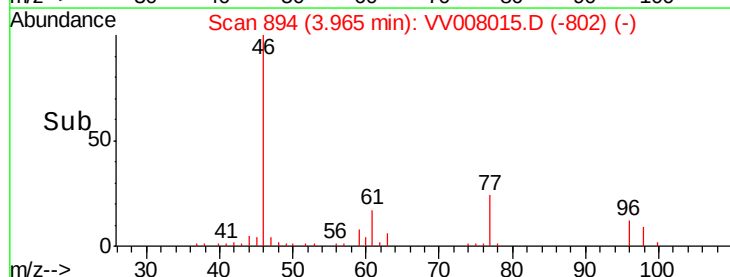
96 100

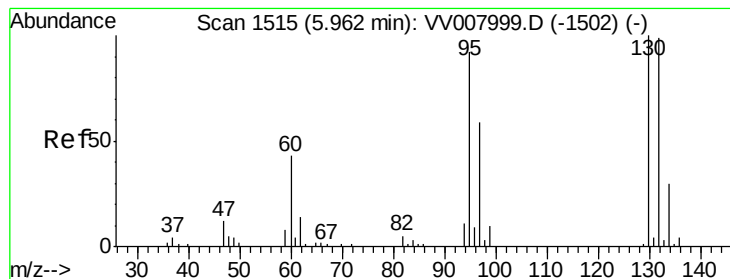
61 142.2 89.5 166.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008015.D (-802) (-)





#34

Trichloroethene

Concen: 0.469 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008015.D

Acq: 02 Oct 2018 00:38

Instrument :

MSVOA_V

ClientSampleId :

GACA3

Tot Ion: 95 Resp: 3349

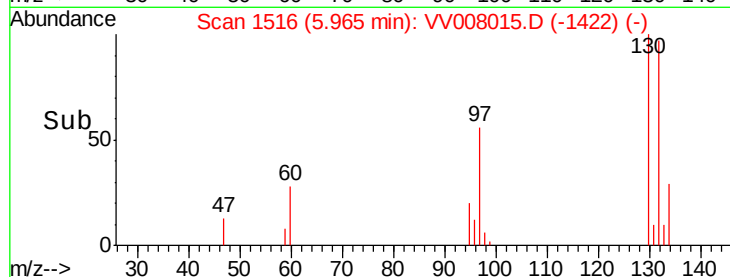
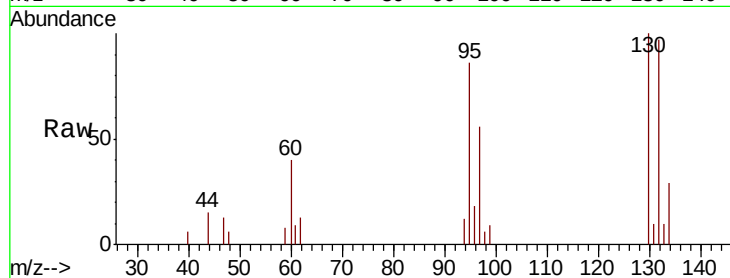
Ion Ratio Lower Upper

95 100

97 65.3 43.6 81.0

132 113.0 69.9 129.9

130 116.1 71.7 133.3

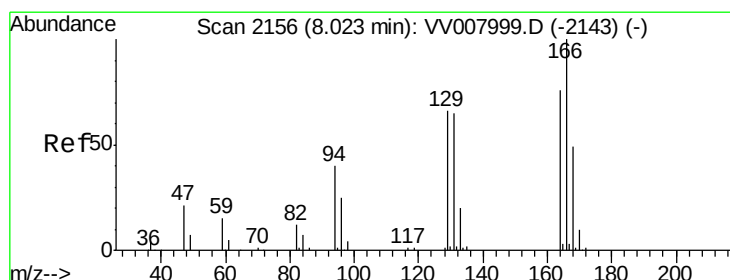
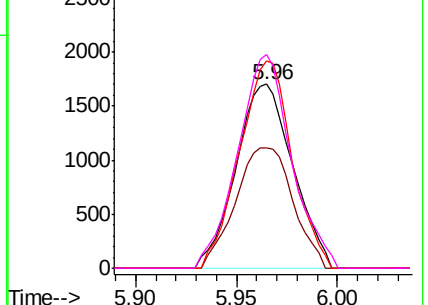


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 1.732 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008015.D

Acq: 02 Oct 2018 00:38

Tgt Ion:164 Resp: 11466

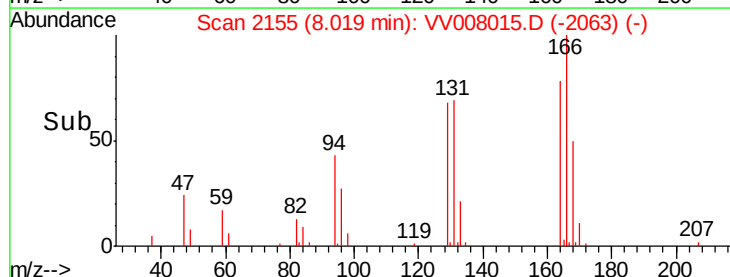
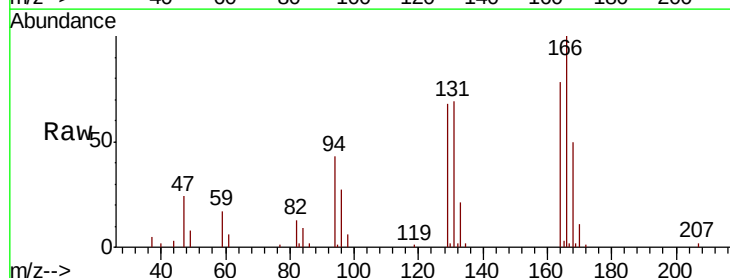
Ion Ratio Lower Upper

164 100

129 86.3 59.2 110.0

131 88.2 57.1 106.1

166 127.6 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

