

Data File : VV006589.D

Acq On : 12 Jul 2018 16:44

Operator : SY/MD

Sample : J3919-15

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Quant Time: Jul 13 02:21:29 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 13 01:47:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	326423	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	293380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65699	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.58	69	65799	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	97288	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.95	46	207225	45.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.94%
24) Chloroform-d	4.41	84	150769	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	72643	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	309642	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	99952	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	265451	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	30776	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	185655	49.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76113	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	110062	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

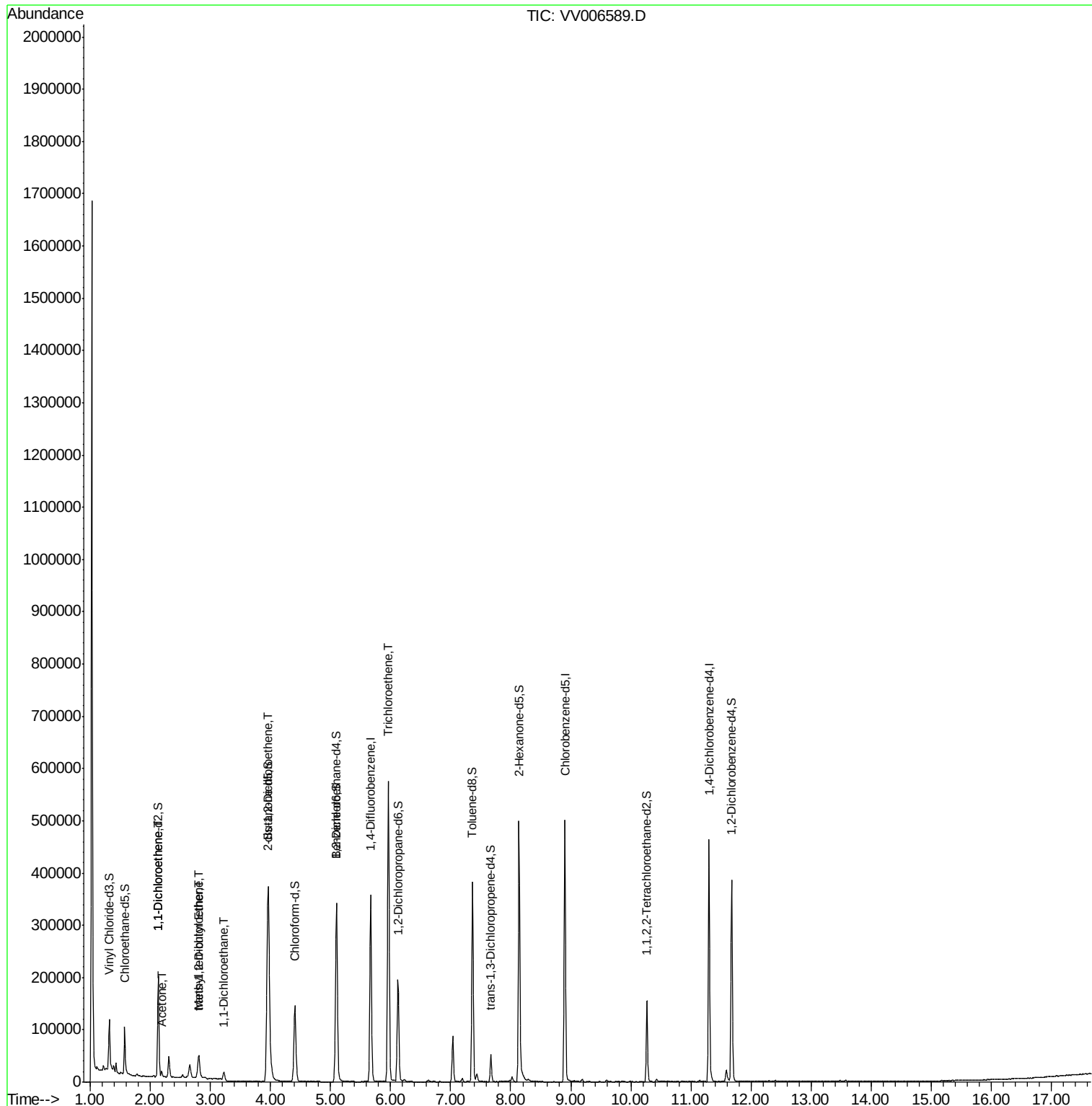
					Qvalue
12) 1,1-Dichloroethene	2.14	96	10756	0.526 ug/L #	1
13) Acetone	2.19	43	8379	2.939 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	40424	0.835 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	5422	0.243 ug/L	89
19) 1,1-Dichloroethane	3.23	63	12907	0.334 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	174702	7.293 ug/L	97
34) Trichloroethene	5.96	95	199032	8.862 ug/L	95

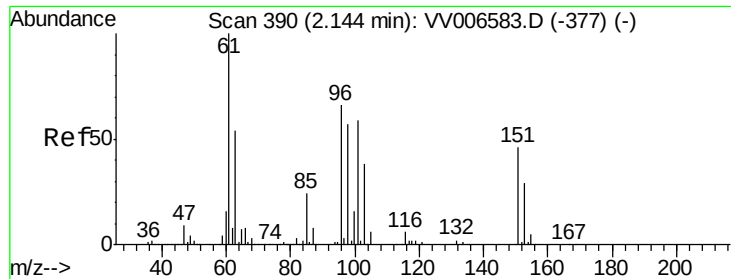
(#)=qualifier out of range (m)=manual integration (+)=signals summed

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QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.526 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006589.D

Acq: 12 Jul 2018 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0AF1

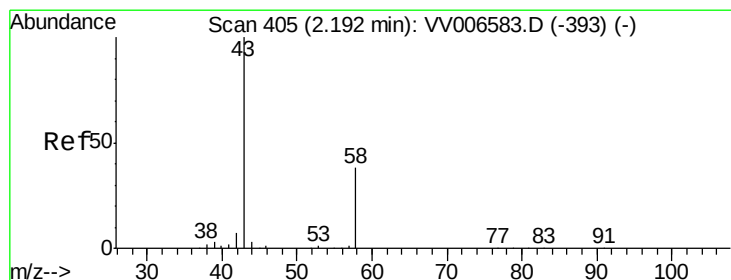
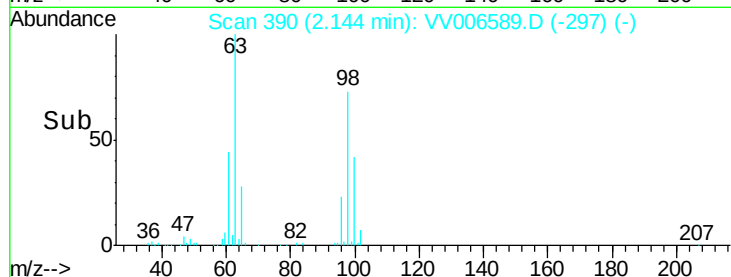
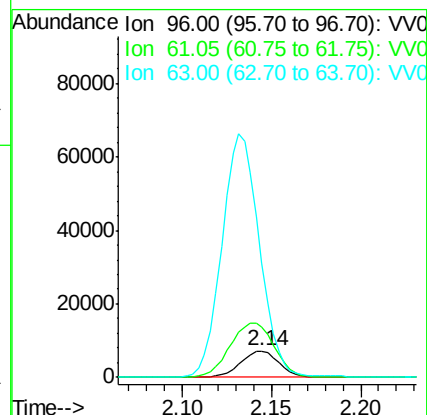
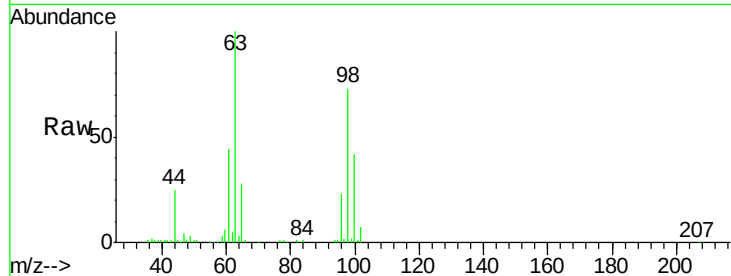
Tgt Ion: 96 Resp: 10756

Ion Ratio Lower Upper

96 100

61 192.1 110.7 205.7

63 434.8 79.0 146.8#



#13

Acetone

Concen: 2.939 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.00 min

Lab File: VV006589.D

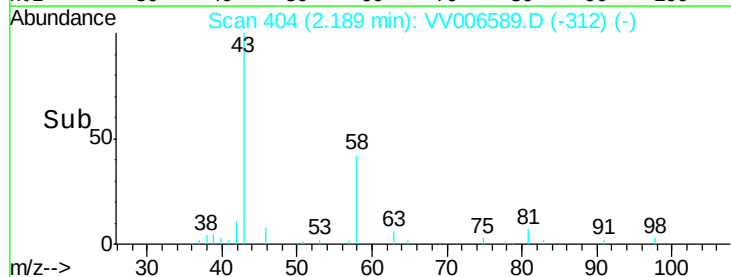
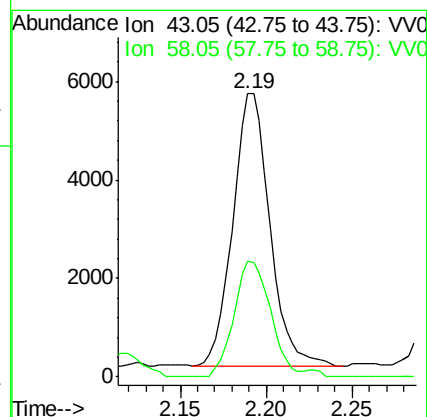
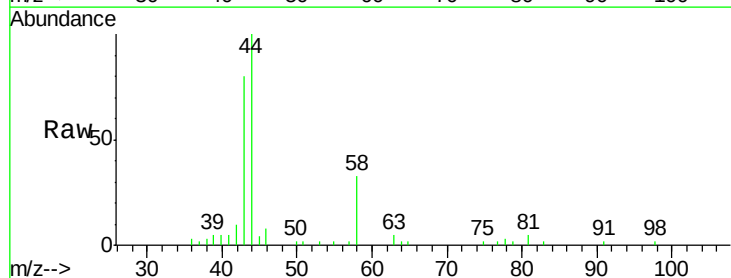
Acq: 12 Jul 2018 16:44

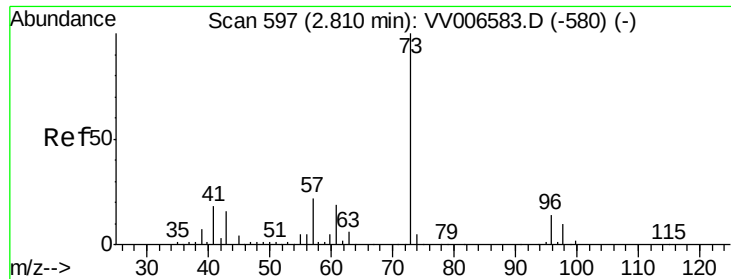
Tgt Ion: 43 Resp: 8379

Ion Ratio Lower Upper

43 100

58 41.6 0.0 76.2





#17

Methyl tert-butyl Ether

Concen: 0.835 ug/L

RT: 2.81 min Scan# 597

Delta R.T. 0.00 min

Lab File: VV006589.D

Acq: 12 Jul 2018 16:44

Instrument :

MSVOA_V

ClientSampled :

C0AF1

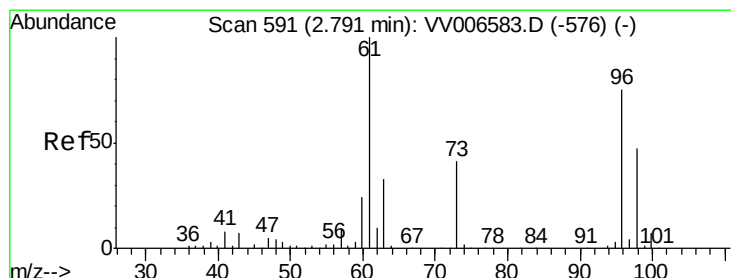
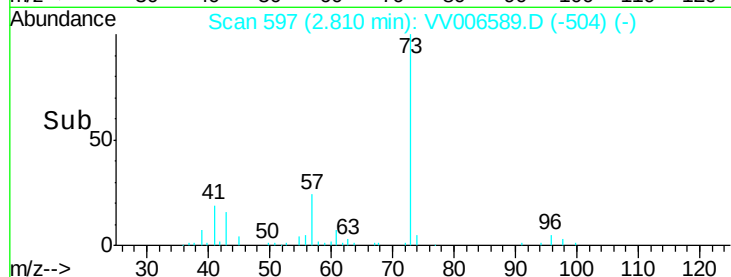
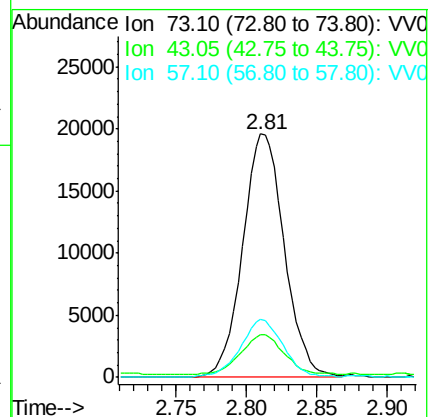
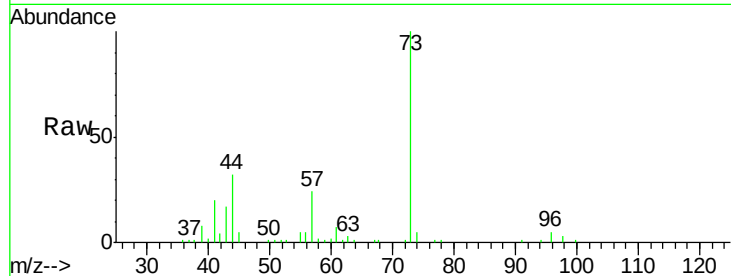
Tgt Ion: 73 Resp: 40424

Ion Ratio Lower Upper

73 100

43 16.8 12.5 18.7

57 24.5 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006589.D

Acq: 12 Jul 2018 16:44

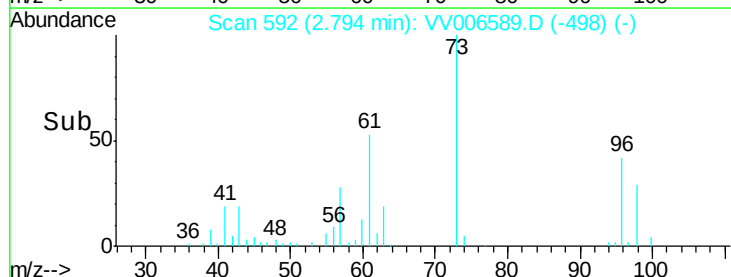
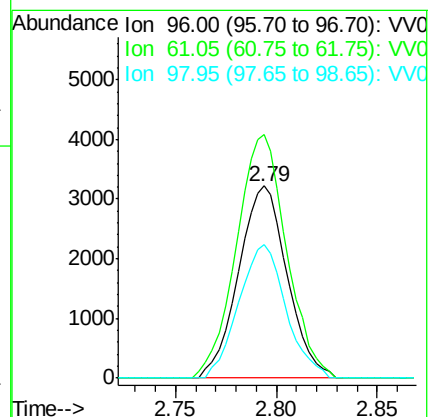
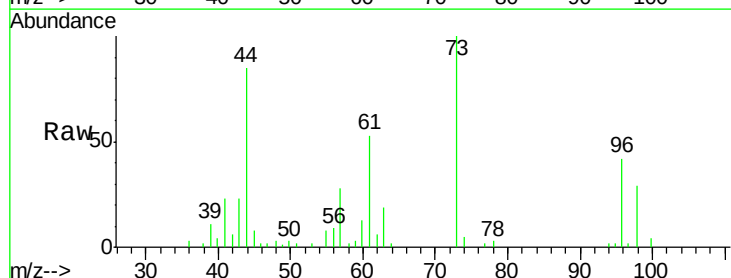
Tgt Ion: 96 Resp: 5422

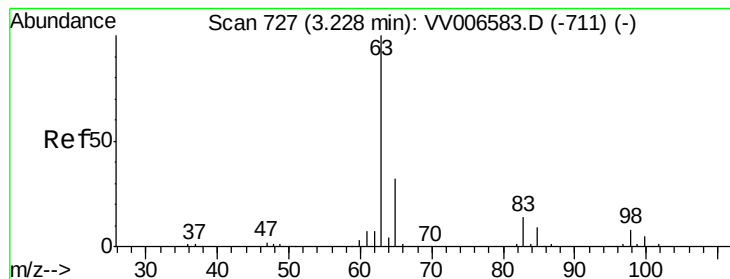
Ion Ratio Lower Upper

96 100

61 120.4 96.5 179.3

98 66.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.334 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006589.D

Acq: 12 Jul 2018 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0AF1

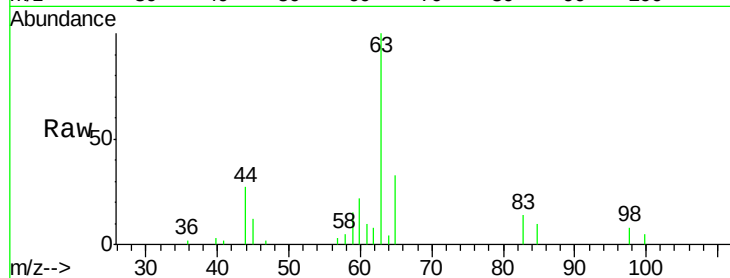
Tgt Ion: 63 Resp: 12907

Ion Ratio Lower Upper

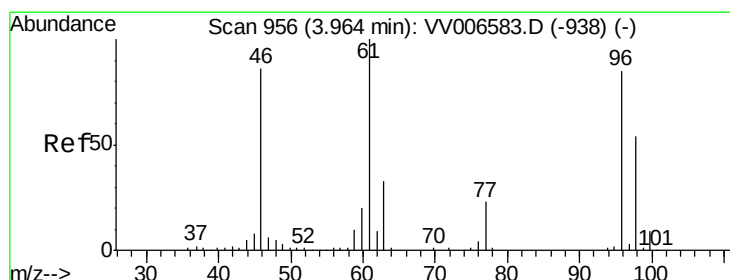
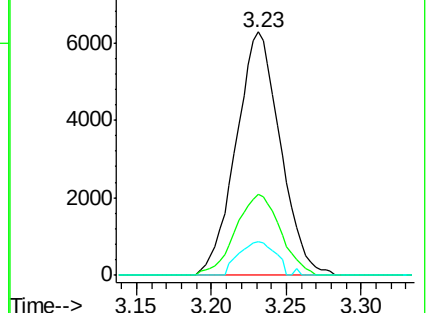
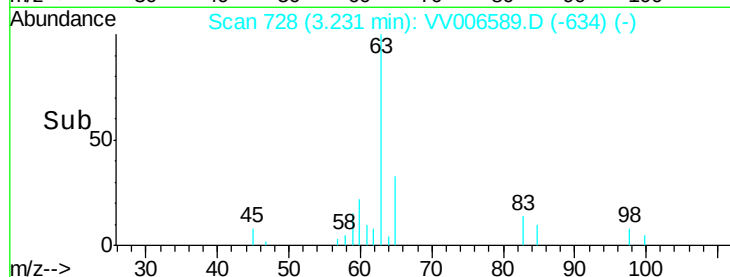
63 100

65 33.3 22.0 41.0

83 14.0 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VV006589.D (-634) (-)



#22

cis-1,2-Dichloroethene

Concen: 7.293 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006589.D

Acq: 12 Jul 2018 16:44

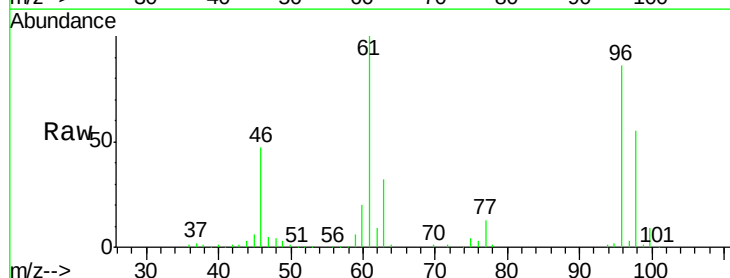
Tgt Ion: 96 Resp: 174702

Ion Ratio Lower Upper

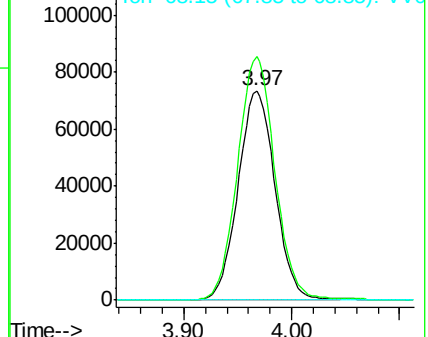
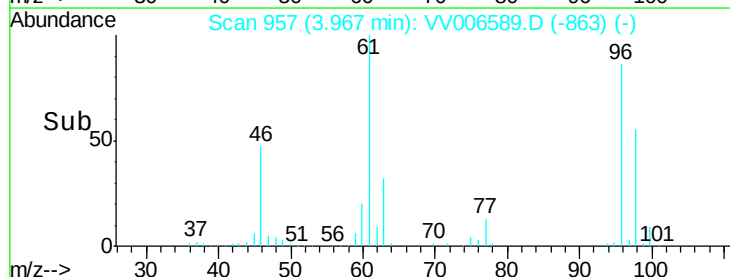
96 100

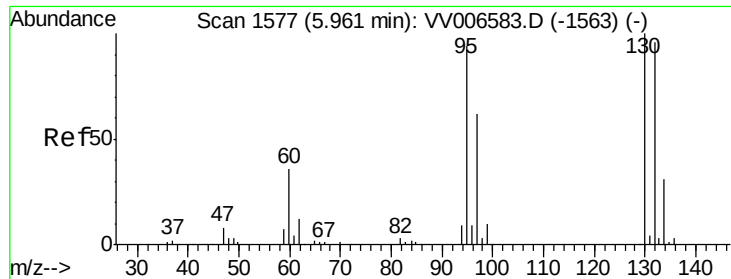
61 116.3 83.8 155.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006589.D (-863) (-)





#34

Trichloroethene

Concen: 8.862 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006589.D

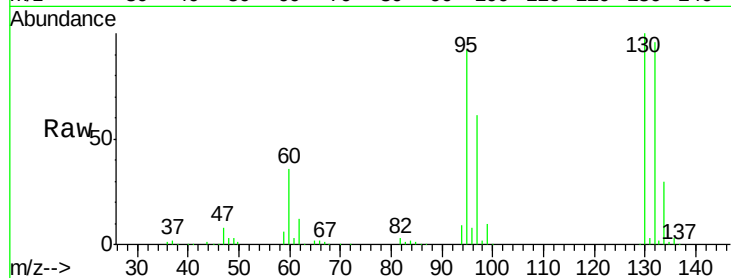
Acq: 12 Jul 2018 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0AF1



Tgt Ion: 95 Resp: 199032

Ion Ratio Lower Upper

95 100

97 66.4 44.3 82.3

132 104.5 70.0 130.0

130 108.9 72.7 134.9

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

