

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
 Data File : VV006607.D
 Acq On : 13 Jul 2018 21:45
 Operator : SY/MD
 Sample : J3983-15
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB195

Quant Time: Jul 14 02:49:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	301838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	280606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87856	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	74331	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	115683	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	192607	46.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.42%
24) Chloroform-d	4.41	84	150385	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	71884	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	328868	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	99390	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.37	98	289602	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	28637	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	175724	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74285	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	112187	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

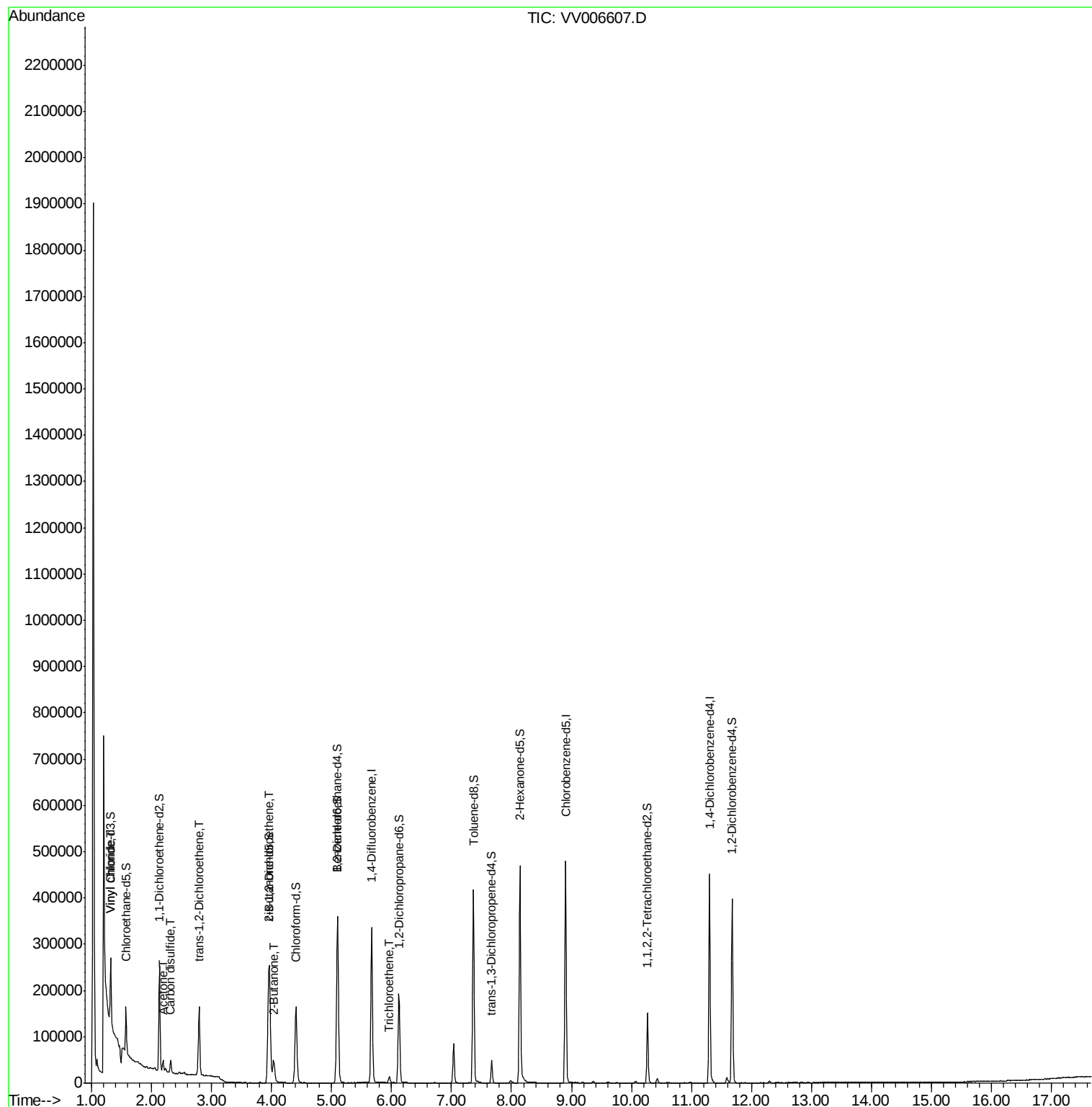
					Ovalue
5) Vinyl chloride	1.32	62	26378	0.98	ug/L # 1
13) Acetone	2.19	43	21808	8.27	ug/L 99
14) Carbon disulfide	2.32	76	30866	0.55	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	57429	2.79	ug/L 96
21) 2-Butanone	4.03	43	70359	16.27	ug/L 95
22) cis-1,2-Dichloroethene	3.97	96	101432	4.58	ug/L 97
34) Trichloroethene	5.96	95	4305	0.20	ug/L 92

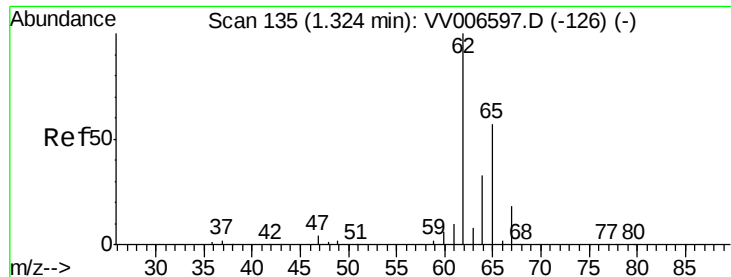
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.98 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

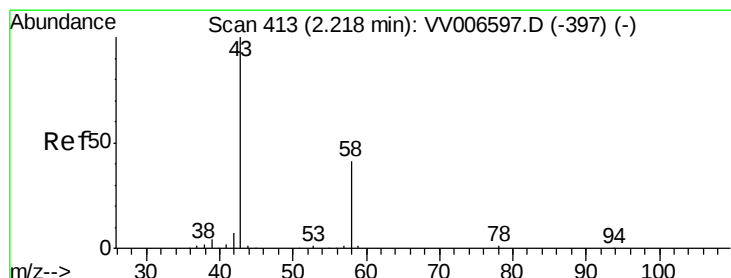
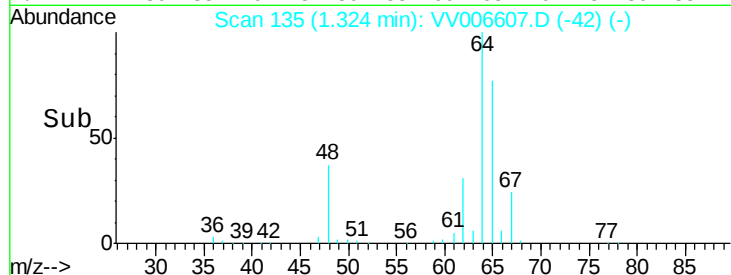
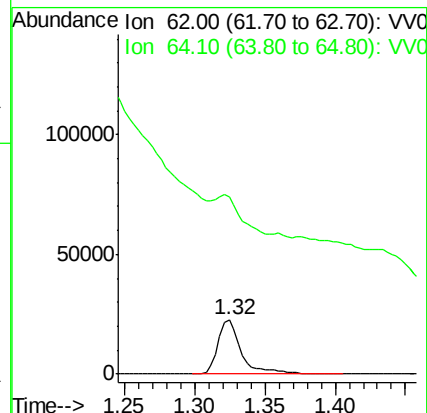
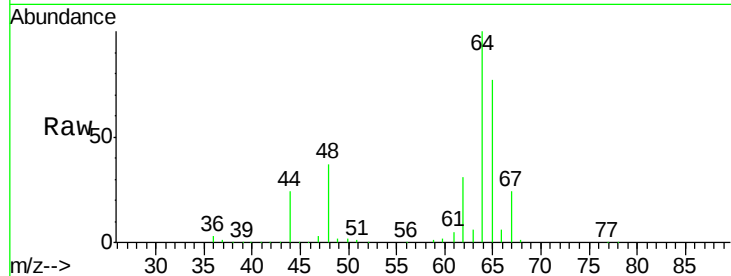
DB195

Tot Ion: 62 Resp: 26378

Ion Ratio Lower Upper

62 100

64 323.0 23.0 42.6#



#13

Acetone

Concen: 8.27 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.03 min

Lab File: VV006607.D

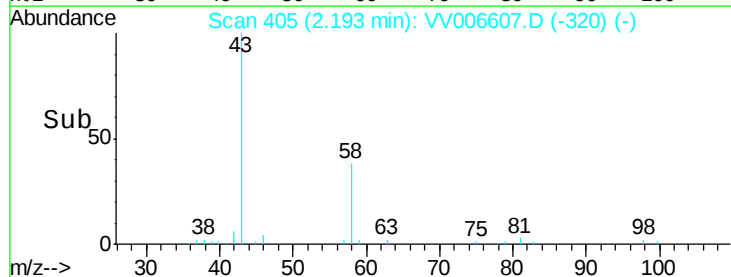
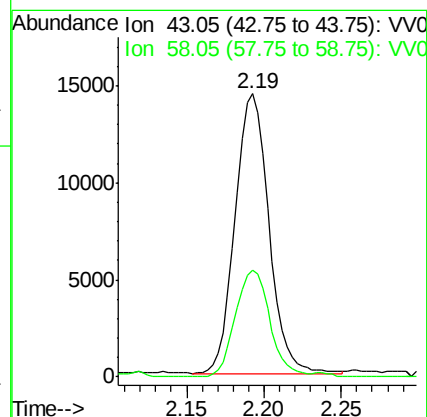
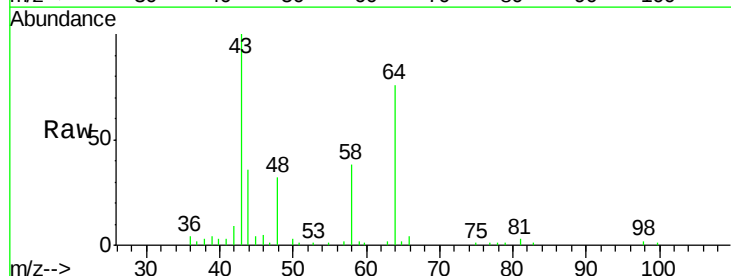
Acq: 13 Jul 2018 21:45

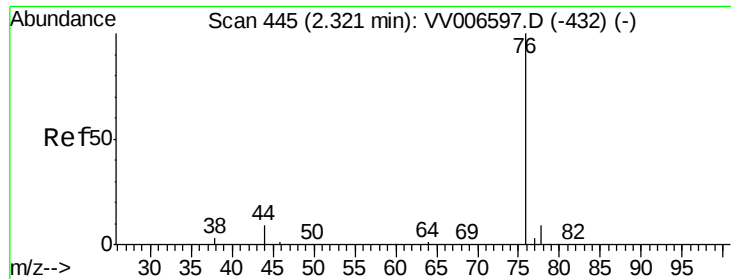
Tgt Ion: 43 Resp: 21808

Ion Ratio Lower Upper

43 100

58 38.9 0.0 76.2





#14

Carbon disulfide

Concen: 0.55 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

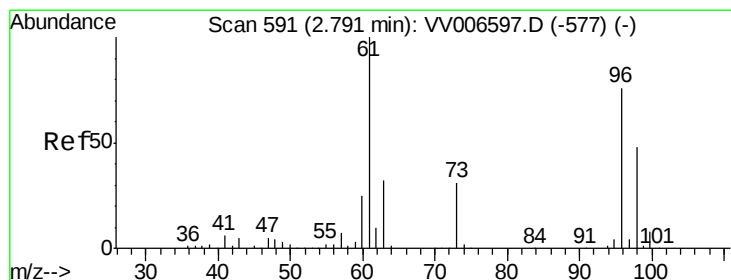
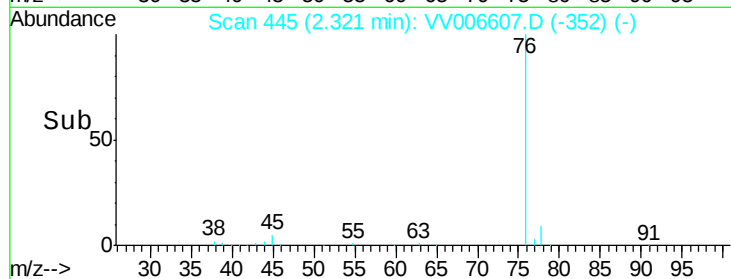
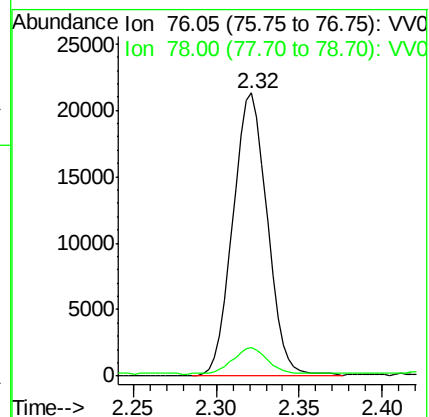
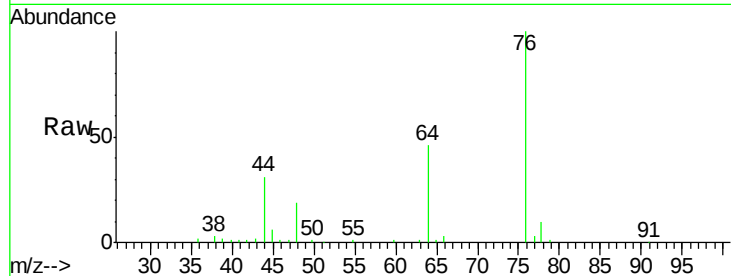
DB195

Tot Ion: 76 Resp: 30866

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.2



#18

trans-1,2-Dichloroethene

Concen: 2.79 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

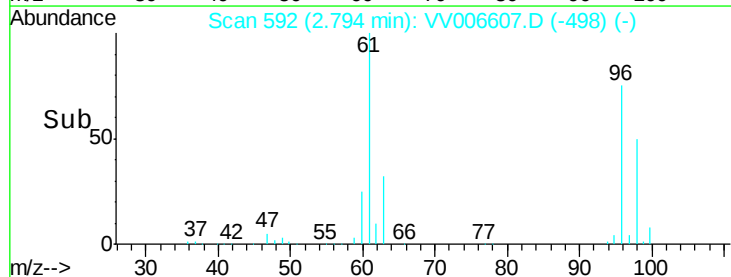
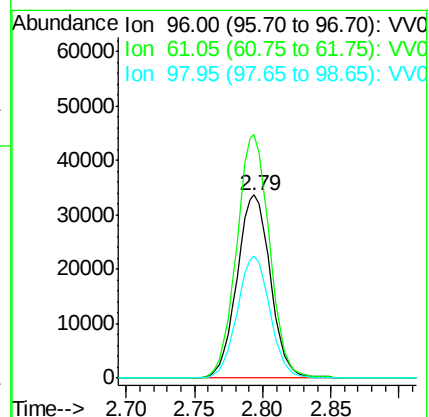
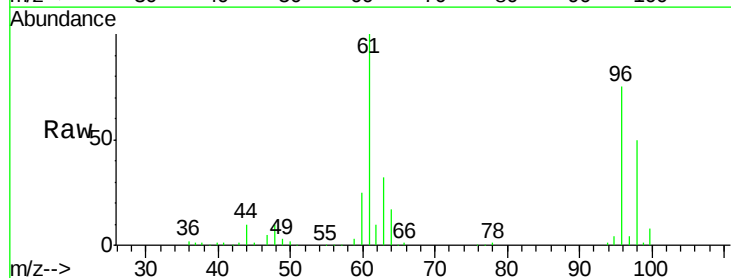
Tgt Ion: 96 Resp: 57429

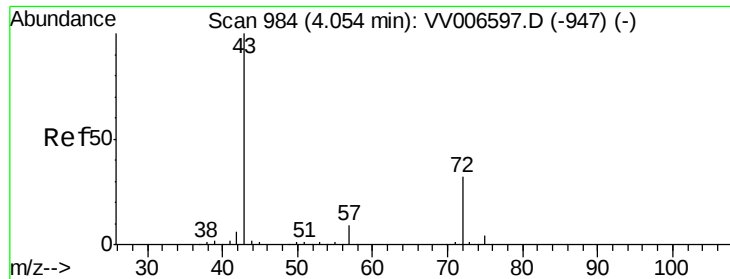
Ion Ratio Lower Upper

96 100

61 132.9 96.5 179.3

98 66.4 45.1 83.7





#21

2-Butanone

Concen: 16.27 ug/L

RT: 4.03 min Scan# 978

Delta R.T. -0.02 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

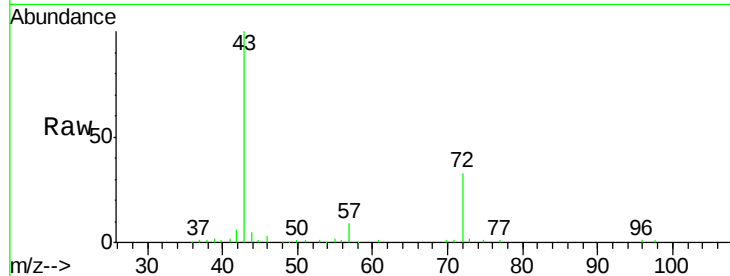
DB195

Tot Ion: 43 Resp: 70359

Ion Ratio Lower Upper

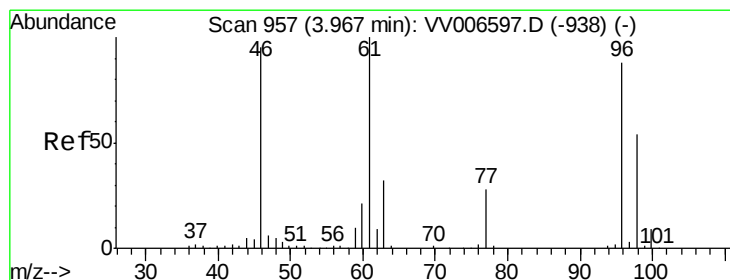
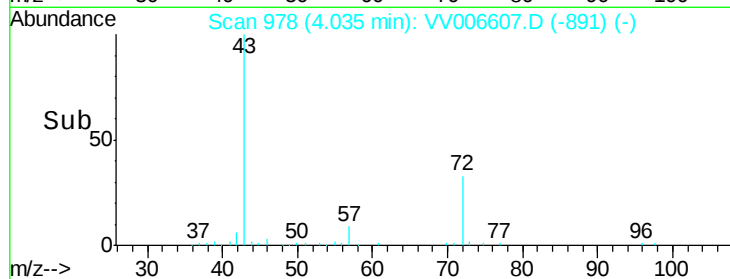
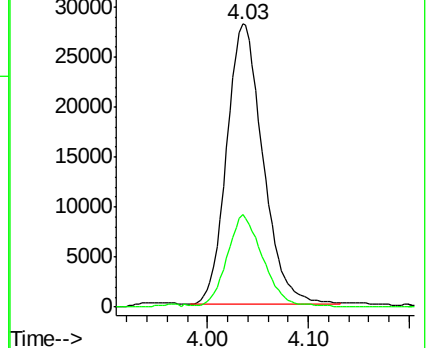
43 100

72 32.8 15.1 45.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 4.58 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

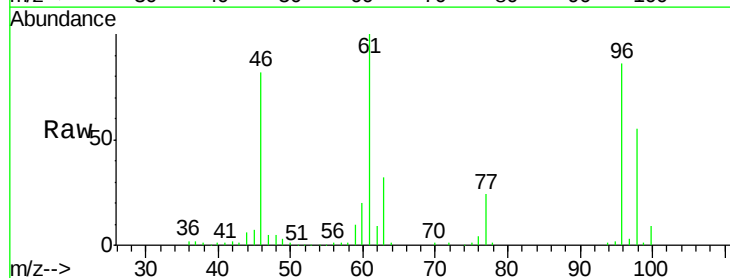
Tgt Ion: 96 Resp: 101432

Ion Ratio Lower Upper

96 100

61 116.9 83.8 155.6

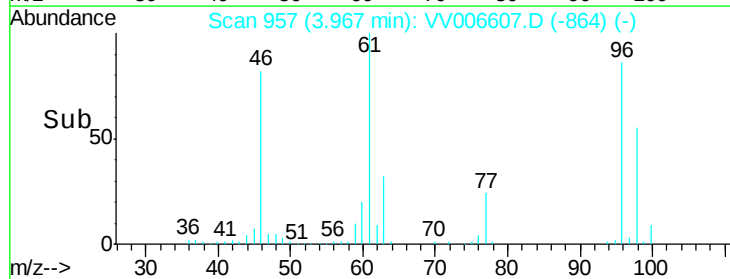
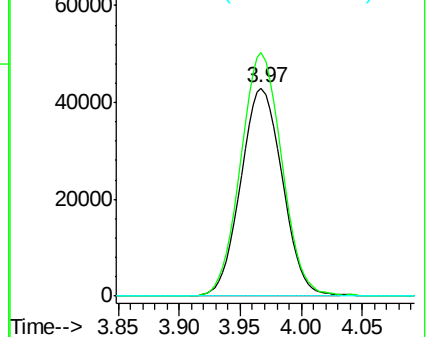
68 0.0 0.0 0.0

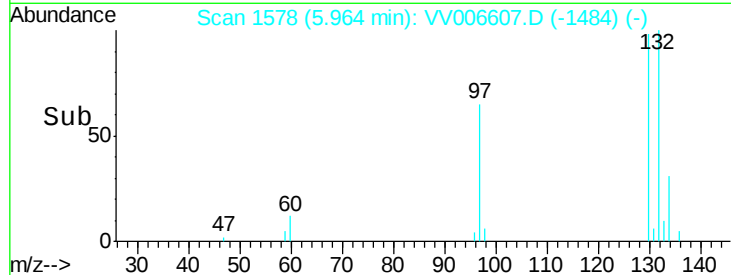
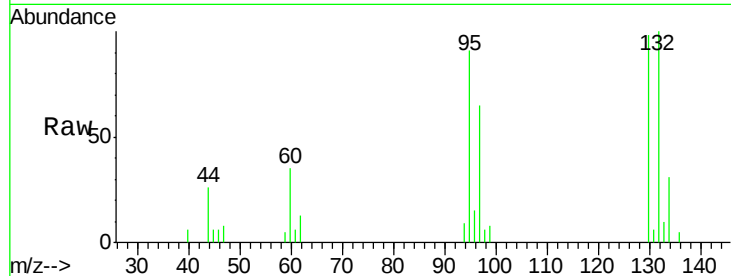
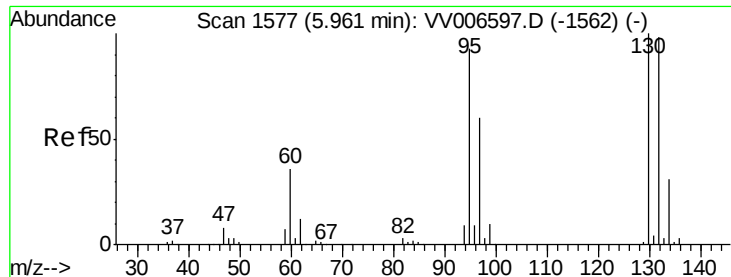


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.20 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

DB195

Tot Ion: 95 Resp: 4305

Ion Ratio Lower Upper

95 100

97 71.6 44.3 82.3

132 110.3 70.0 130.0

130 108.2 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

