

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006936.D
 Acq On : 08 Aug 2018 16:17
 Operator : SY/MD
 Sample : J4357-22
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWW2

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 2:11:58 PM

Quant Time: Aug 09 09:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	292481	22.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	455.00%#
7) Chloroethane-d5	1.58	69	65263	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.14	63	177829	6.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.60%#
20) 2-Butanone-d5	3.99	46	199100	48.54	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.41	84	134923	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	72935	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	271001	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.13	67	90528	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	203074	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	28121	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.15	63	95435	40.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62793	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	68105	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.31	62	14024263m	695.83	ug/L	
12) 1,1-Dichloroethene	2.14	96	144698	10.20	ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	582633	37.83	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	36411459m	2363.05	ug/L	
34) Trichloroethene	5.96	95	13454	0.95	ug/L	96
47) Tetrachloroethene	8.02	164	6634	0.61	ug/L	90

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

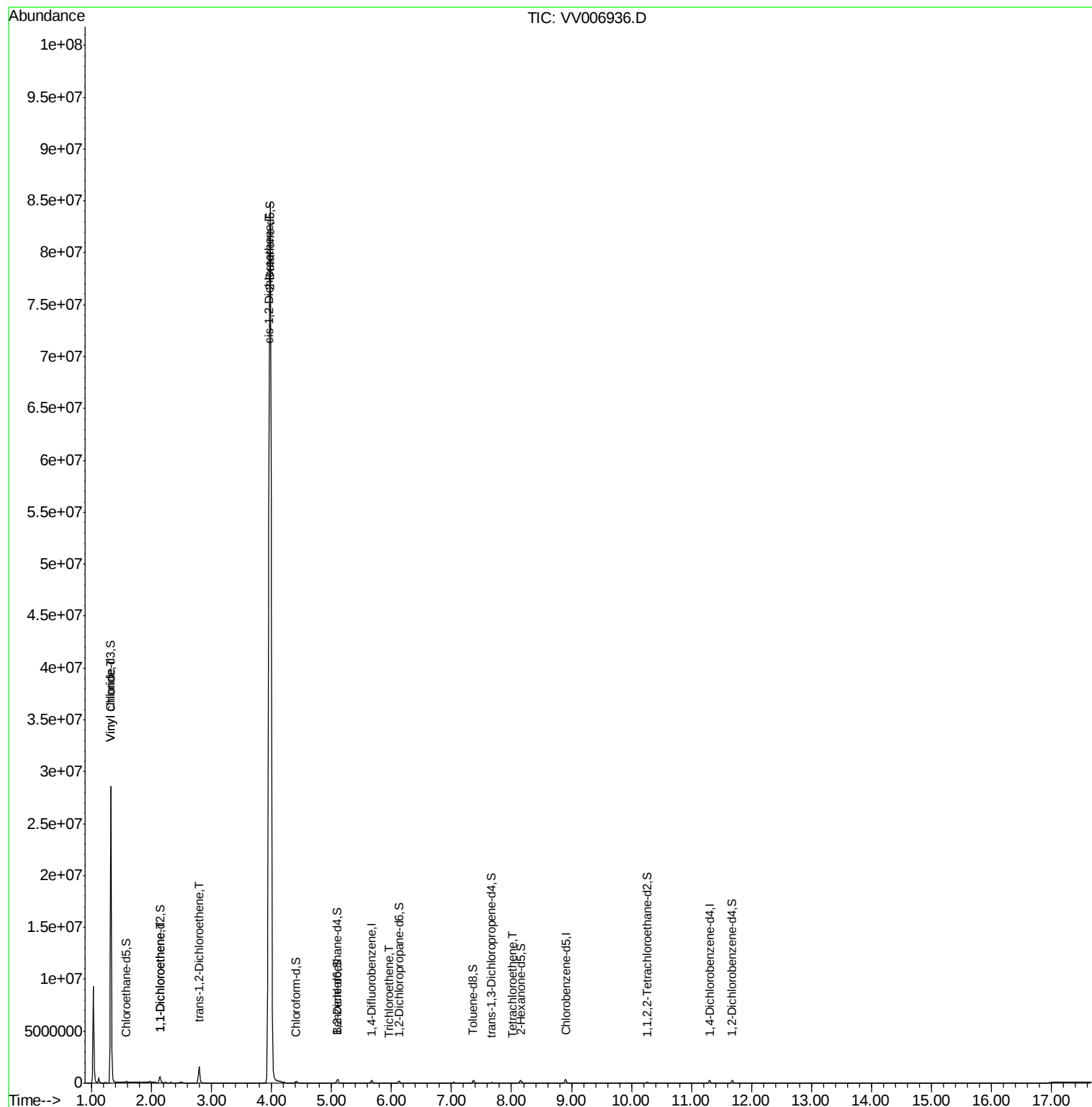
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
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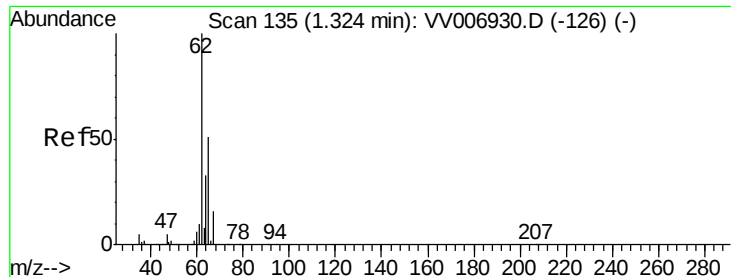
Instrument :
MSVOA_V
ClientSampleId :
ESWW2

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Quant Time: Aug 09 09:25:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 695.83 ug/L m

RT: 1.31 min Scan# 132

Delta R.T. -0.01 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

ESWW2

Tot Ion: 62 Resp: 14024263

Ion Ratio Lower Upper

62 100

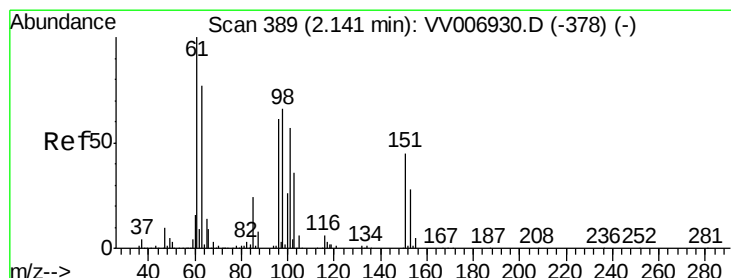
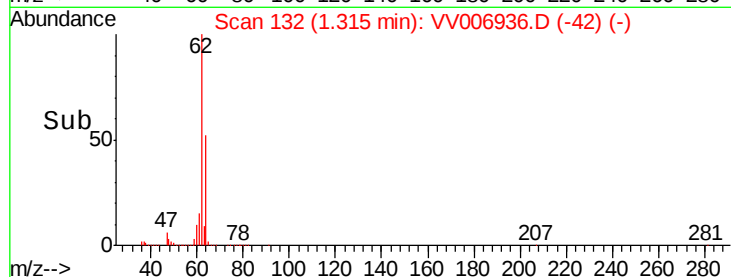
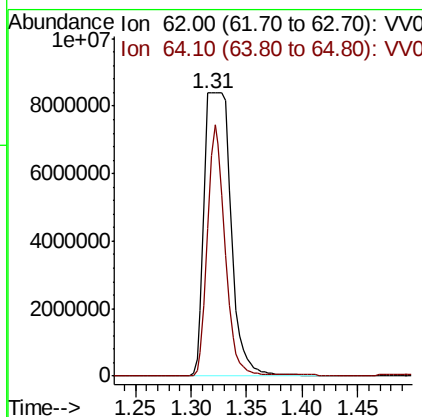
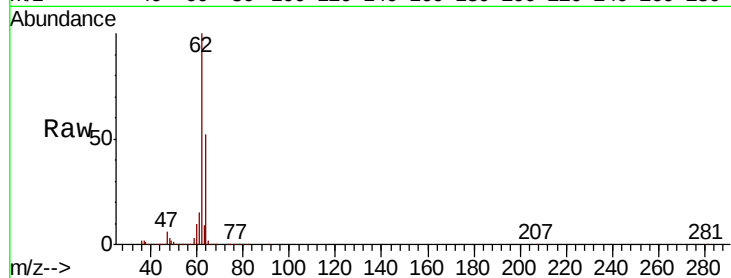
64 52.1 22.1 41.1#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 10.20 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

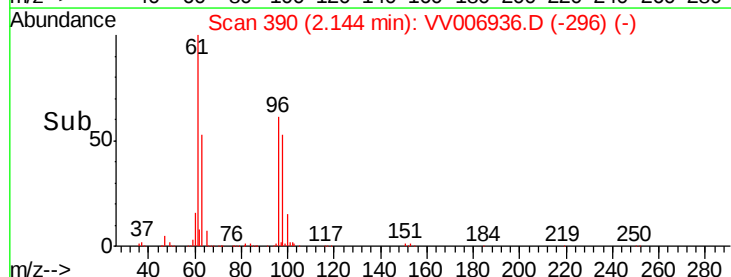
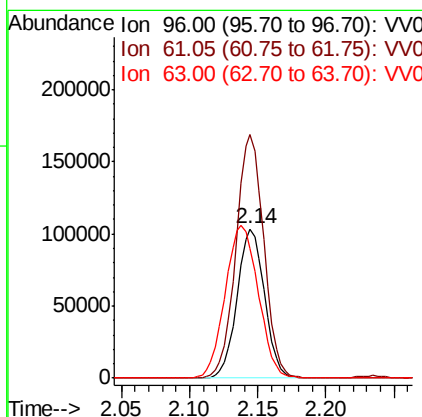
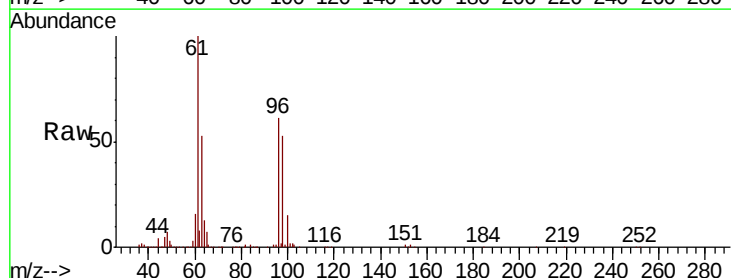
Tgt Ion: 96 Resp: 144698

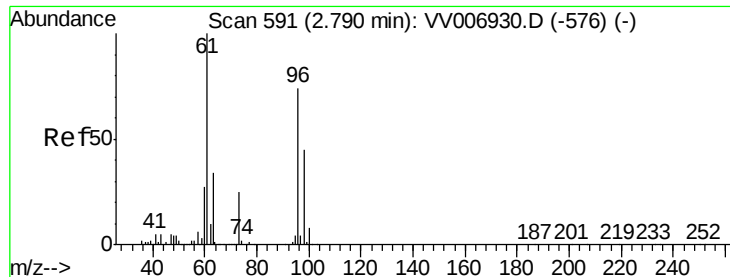
Ion Ratio Lower Upper

96 100

61 163.2 119.0 221.0

63 86.7 73.6 136.6





#18

trans-1,2-Dichloroethene

Concen: 37.83 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

ESWW2

Tot Ion: 96 Resp: 582633

Ion Ratio Lower Upper

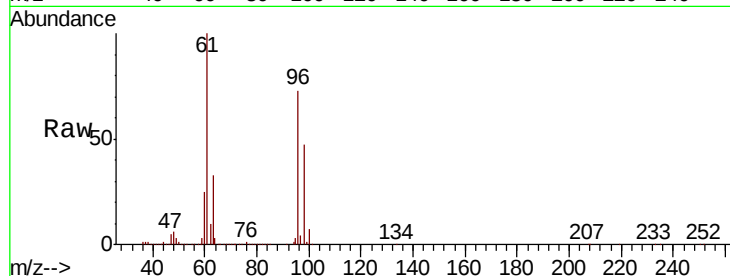
96 100

61 136.2 97.3 180.7

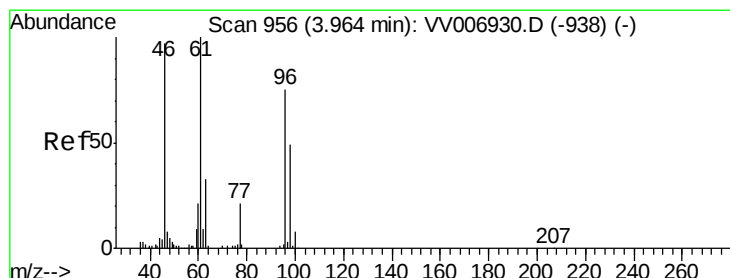
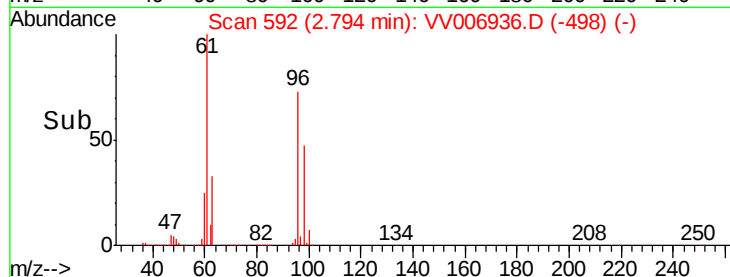
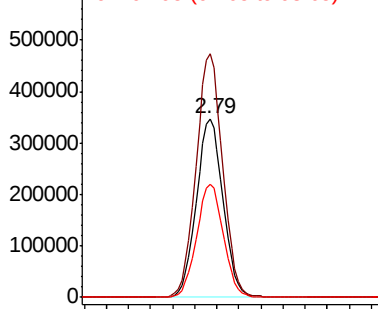
98 63.5 42.8 79.6

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Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 2363.05 ug/L m

RT: 3.95 min Scan# 952

Delta R.T. -0.01 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

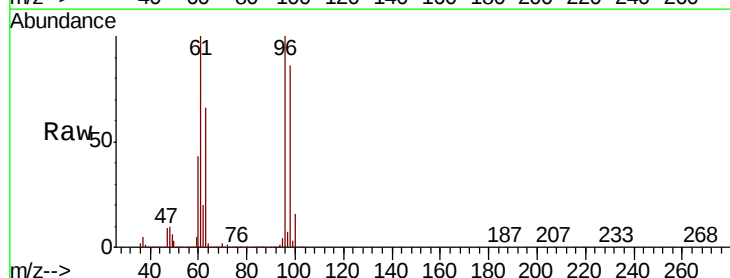
Tgt Ion: 96 Resp: 36411459

Ion Ratio Lower Upper

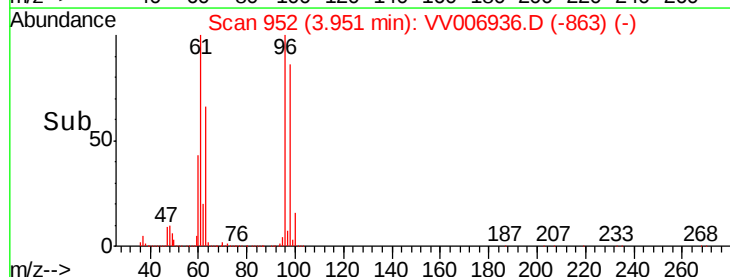
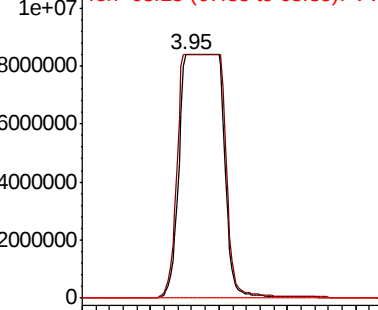
96 100

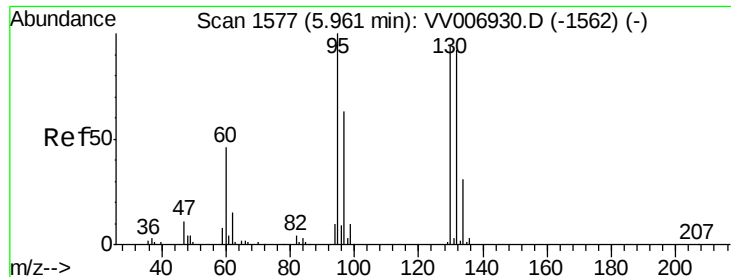
61 100.0 95.5 177.4

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: 0.95 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

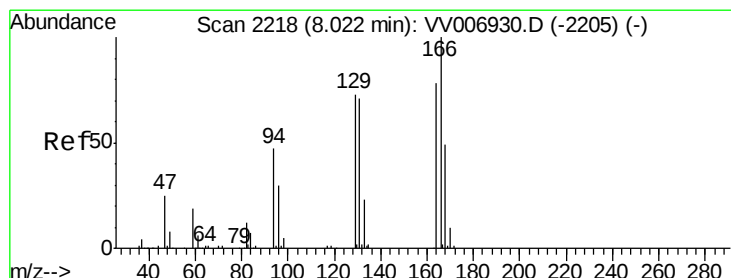
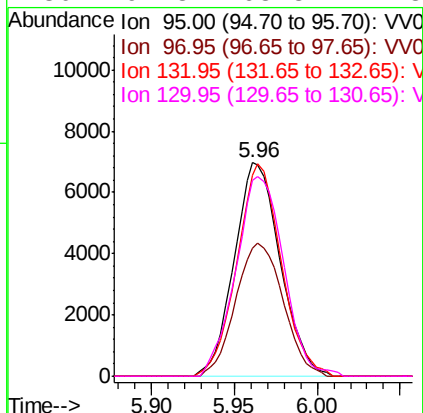
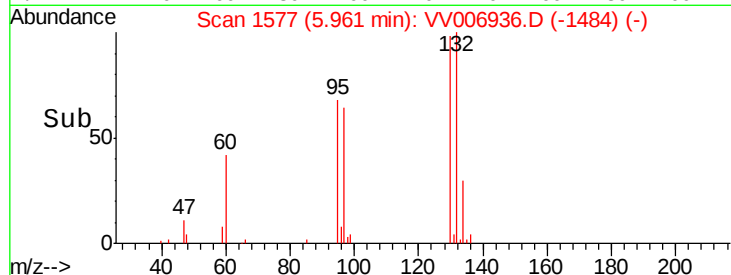
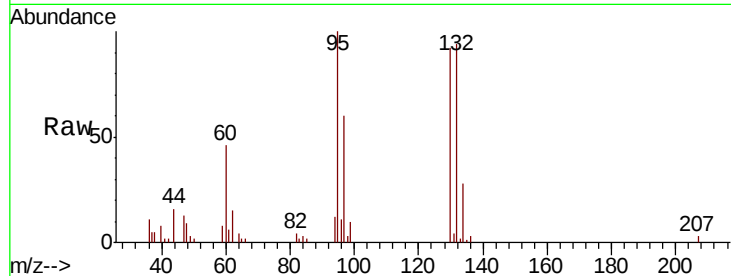
ClientSampled :

ESWW2

Tot Ion	95	Resp	13454
Ion	Ratio	Lower	Upper
95	100		
97	60.1	44.4	82.4
132	93.8	65.6	121.8
130	91.8	68.8	127.8

Manual Integrations
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8/9/2018 2:11:58 PM



#47

Tetrachloroethene

Concen: 0.61 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Tgt Ion	164	Resp	6634
Ion	Ratio	Lower	Upper
164	100		
129	81.3	63.1	117.3
131	75.9	62.3	115.7
166	117.0	87.4	162.4

