

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007971.D
 Acq On : 28 Sep 2018 23:34
 Operator : SY/MD
 Sample : J5091-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S6

Quant Time: Oct 01 05:25:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17891	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.59	69	17772	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.14	63	31181	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.96	46	69927	48.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	4.41	84	48849	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	26459	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	90399	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.12	67	29680	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	84634	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	9281	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.14	63	52519	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22866	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42261	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

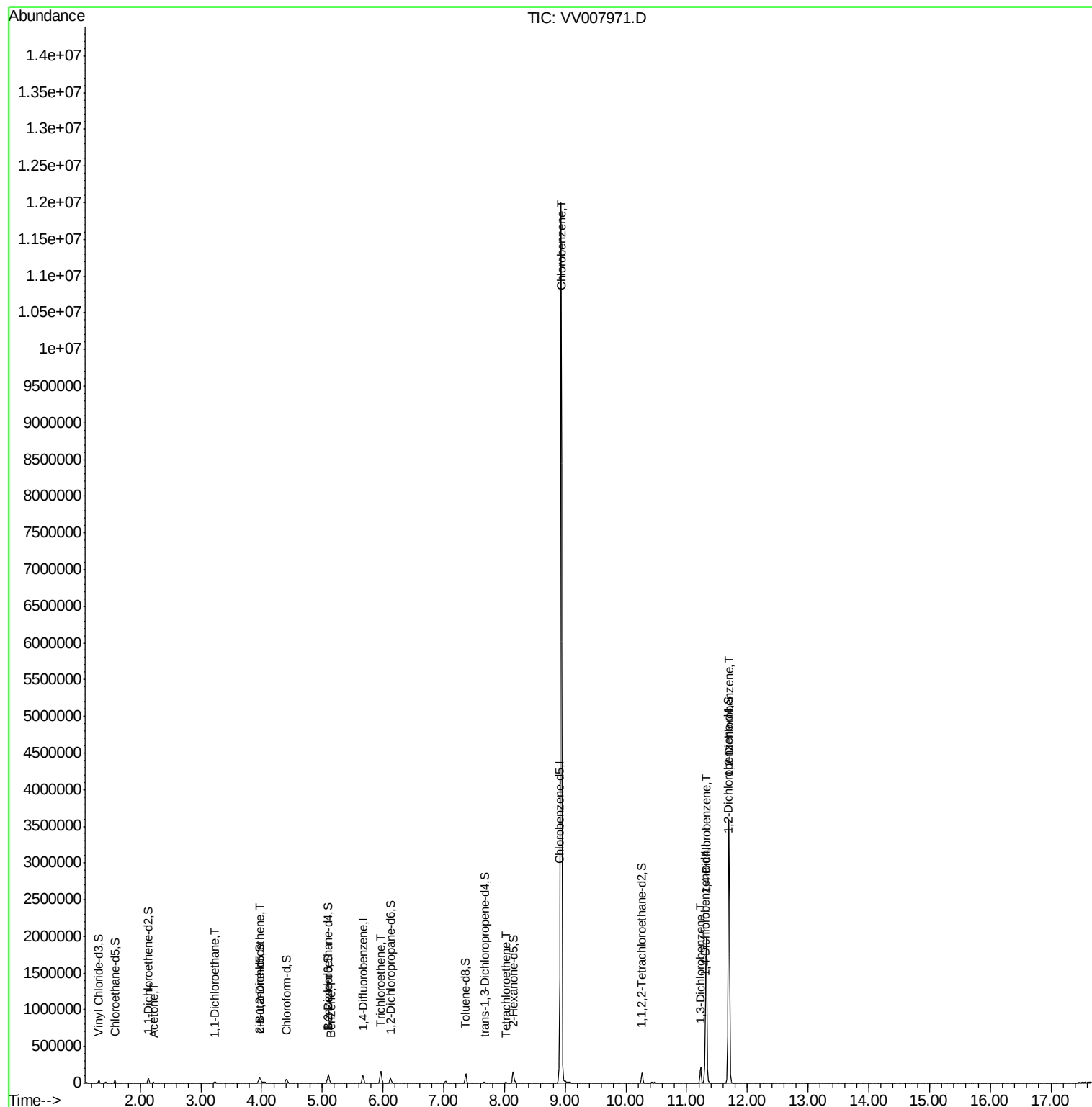
					Ovalue
13) Acetone	2.22	43	6982	6.676	ug/L 98
19) 1,1-Dichloroethane	3.23	63	12735	1.151	ug/L 94
22) cis-1,2-Dichloroethene	3.97	96	18183	2.769	ug/L 100
33) Benzene	5.15	78	4496	0.177	ug/L 100
34) Trichloroethene	5.96	95	53271	7.341	ug/L 96
47) Tetrachloroethene	8.02	164	3119	0.464	ug/L 89
51) Chlorobenzene	8.93	112	6286021	329.754	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	87591	5.518	ug/L 99
63) 1,4-Dichlorobenzene	11.32	146	795938	48.227	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	1462033	97.705	ug/L 98

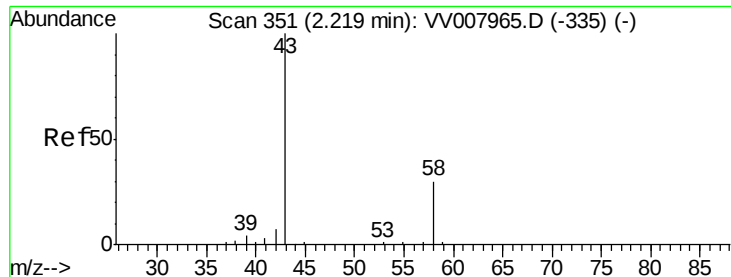
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092818\
Data File : VV007971.D
Acq On : 28 Sep 2018 23:34
Operator : SY/MD
Sample : J5091-02
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E62S6

Quant Time: Oct 01 05:25:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.676 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

Instrument :

MSVOA_V

ClientSampled :

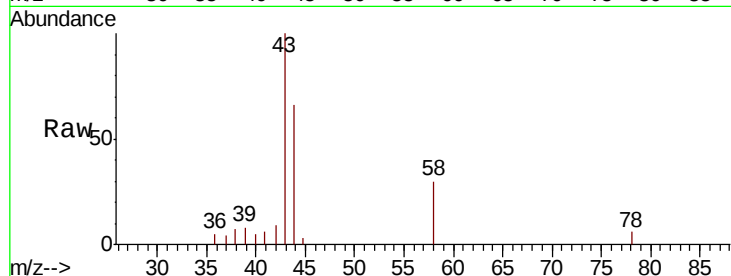
E62S6

Tot Ion: 43 Resp: 6982

Ion Ratio Lower Upper

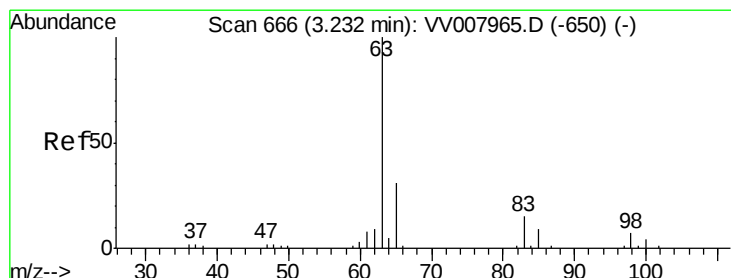
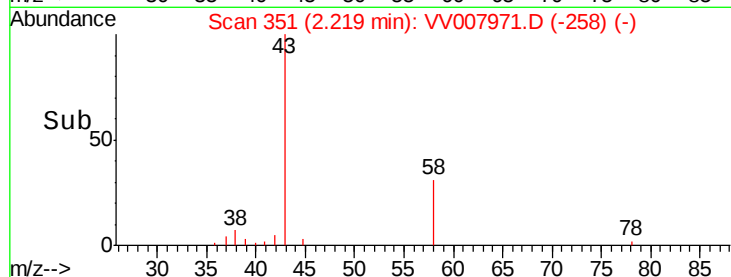
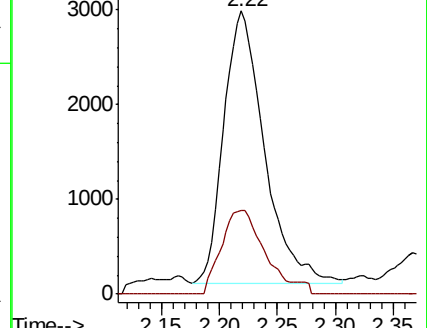
43 100

58 32.3 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007971.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV007971.D (-258) (-)



#19

1,1-Dichloroethane

Concen: 1.151 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

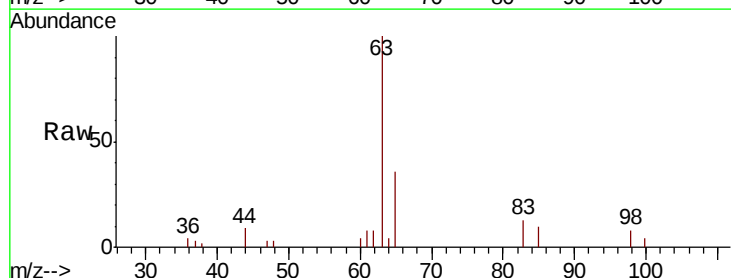
Tgt Ion: 63 Resp: 12735

Ion Ratio Lower Upper

63 100

65 36.3 22.3 41.5

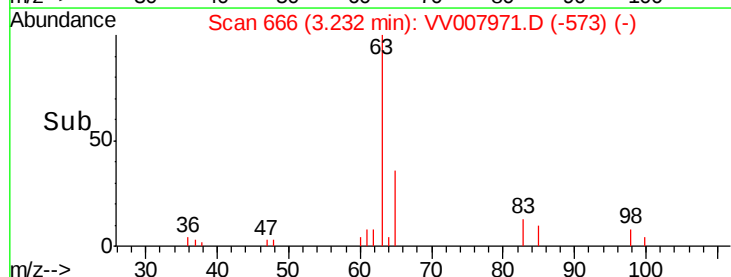
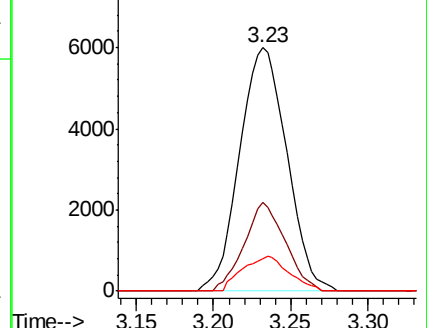
83 13.4 9.8 18.2

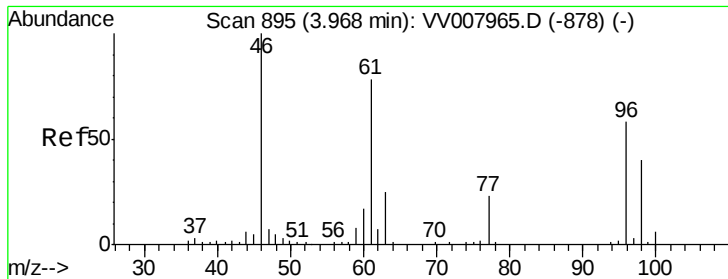


Abundance Ion 63.10 (62.80 to 63.80): VV007971.D (-573) (-)

Ion 65.10 (64.80 to 65.80): VV007971.D (-573) (-)

Ion 83.05 (82.75 to 83.75): VV007971.D (-573) (-)



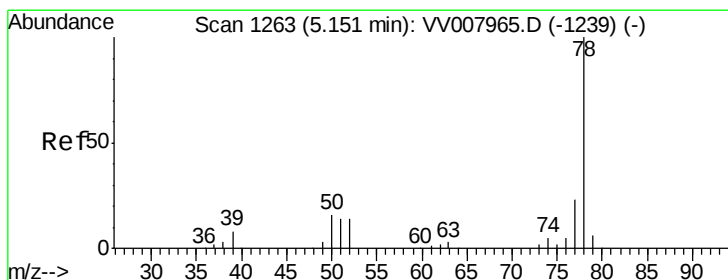
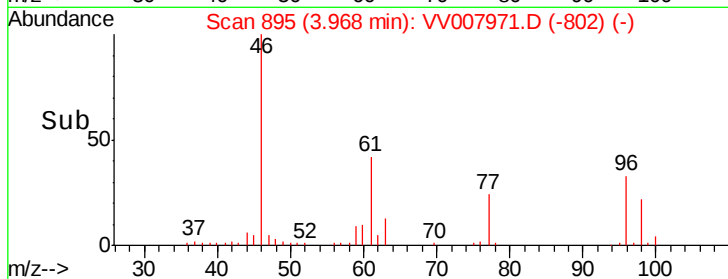
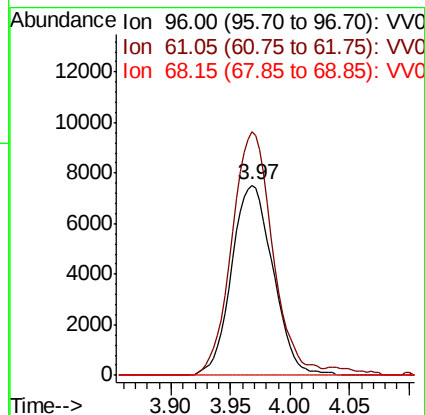
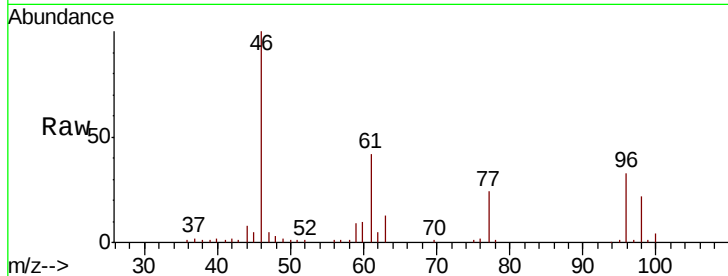


#22

cis-1,2-Dichloroethene
 Concen: 2.769 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007971.D
 Acq: 28 Sep 2018 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S6

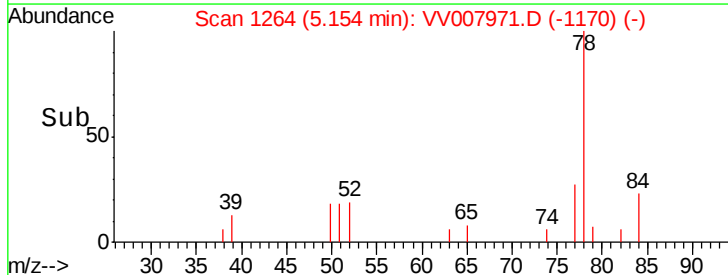
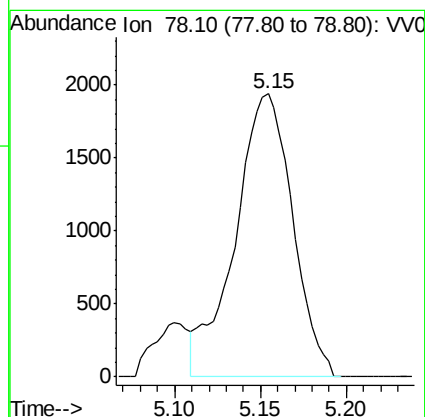
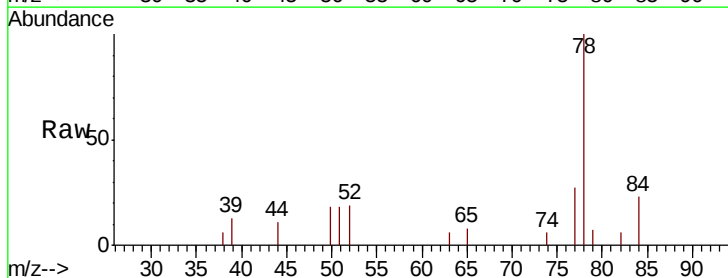
Tot Ion: 96 Resp: 18183
 Ion Ratio Lower Upper
 96 100
 61 128.0 89.5 166.1
 68 0.0 0.0 0.0

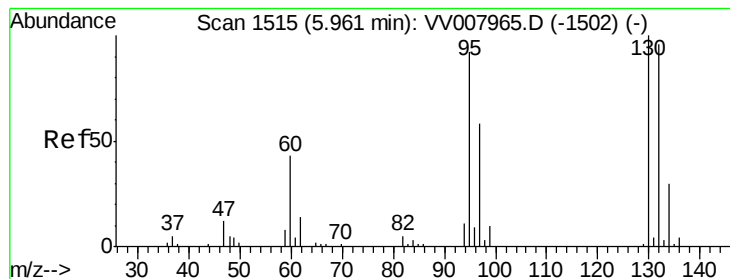


#33

Benzene
 Concen: 0.177 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VV007971.D
 Acq: 28 Sep 2018 23:34

Tgt Ion: 78 Resp: 4496





#34

Trichloroethene

Concen: 7.341 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

Instrument :

MSVOA_V

ClientSampleId :

E62S6

Tot Ion: 95 Resp: 53271

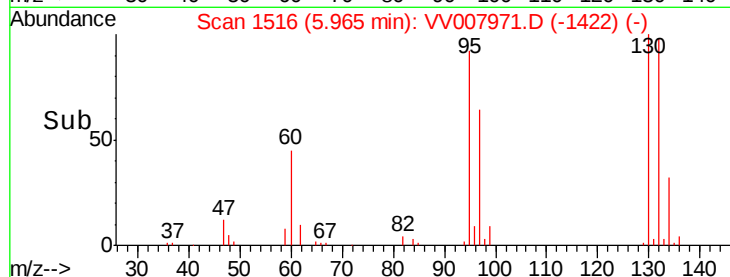
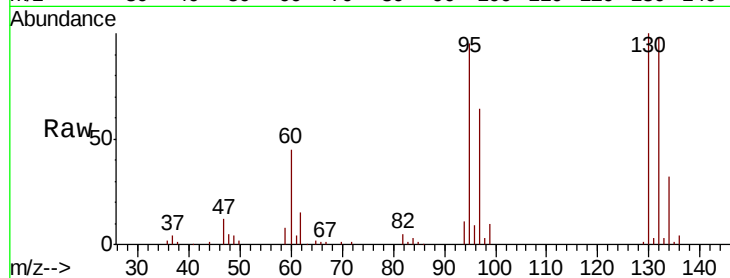
Ion Ratio Lower Upper

95 100

97 67.1 43.6 81.0

132 103.1 69.9 129.9

130 105.1 71.7 133.3

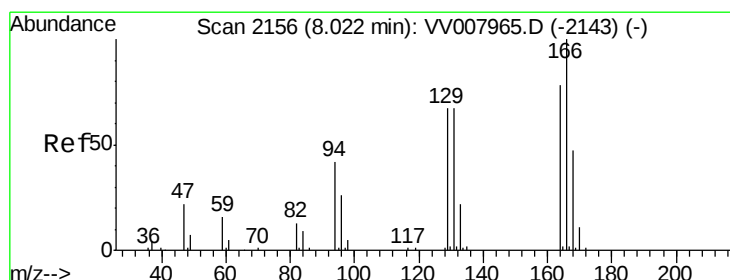
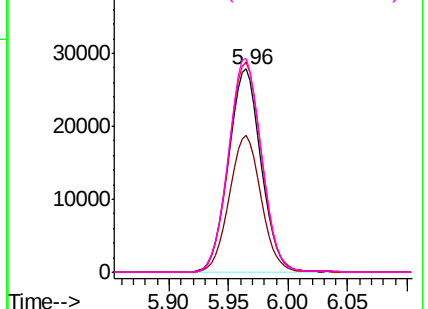


Abundance Ion 95.00 (94.70 to 95.70): VV007971.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007971.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007971.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007971.D (-1422) (-)



#47

Tetrachloroethene

Concen: 0.464 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

Tgt Ion: 164 Resp: 3119

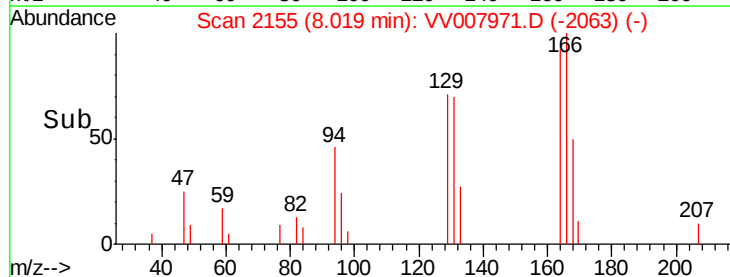
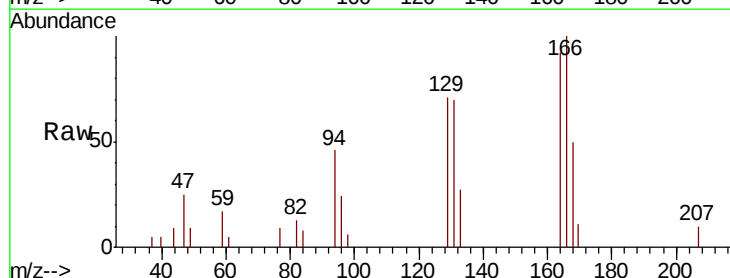
Ion Ratio Lower Upper

164 100

129 77.4 59.2 110.0

131 75.5 57.1 106.1

166 108.3 88.6 164.6

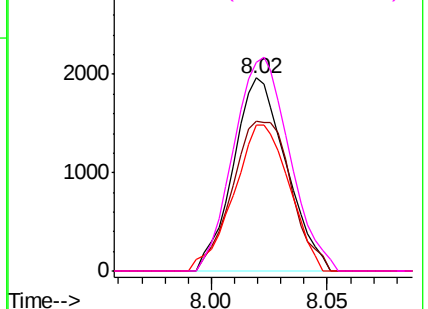


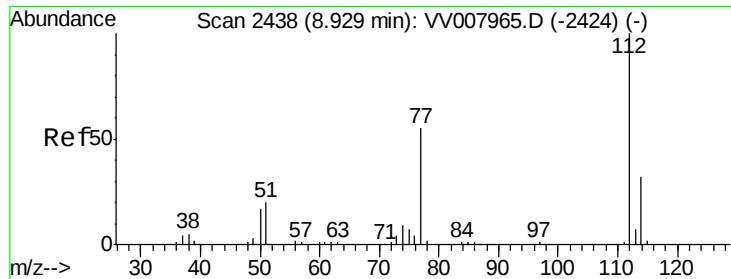
Abundance Ion 163.90 (163.60 to 164.60): VV007971.D (-2063) (-)

Ion 128.95 (128.65 to 129.65): VV007971.D (-2063) (-)

Ion 130.95 (130.65 to 131.65): VV007971.D (-2063) (-)

Ion 165.90 (165.60 to 166.60): VV007971.D (-2063) (-)





#51

Chlorobenzene

Concen: 329.754 ug/L

RT: 8.93 min Scan# 2439

Delta R.T. 0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

Instrument :

MSVOA_V

ClientSampleId :

E62S6

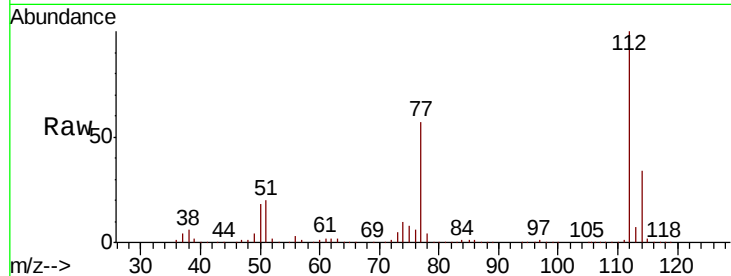
Tot Ion:112 Resp: 6286021

Ion Ratio Lower Upper

112 100

114 34.1 22.4 41.6

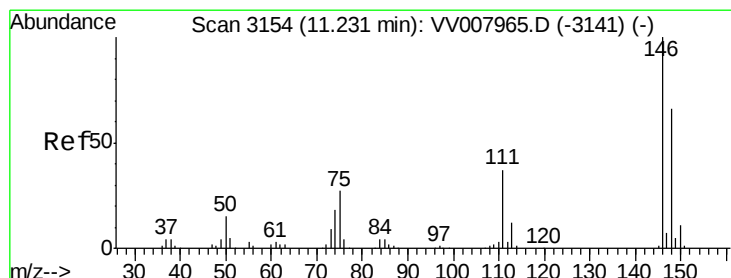
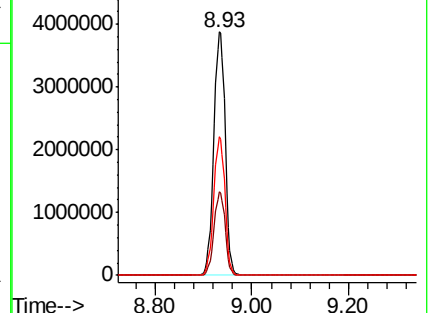
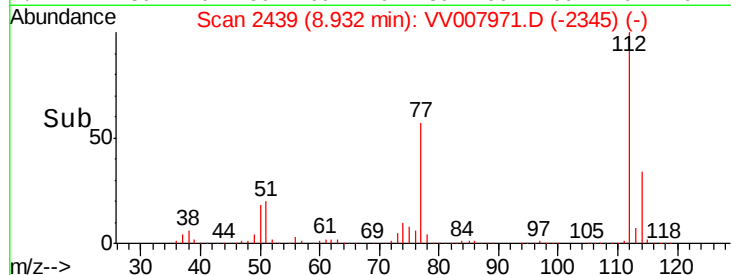
77 56.8 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#62

1,3-Dichlorobenzene

Concen: 5.518 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV007971.D

Acq: 28 Sep 2018 23:34

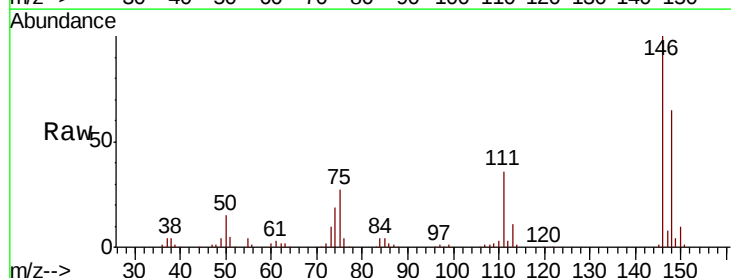
Tgt Ion:146 Resp: 87591

Ion Ratio Lower Upper

146 100

111 36.3 25.8 48.0

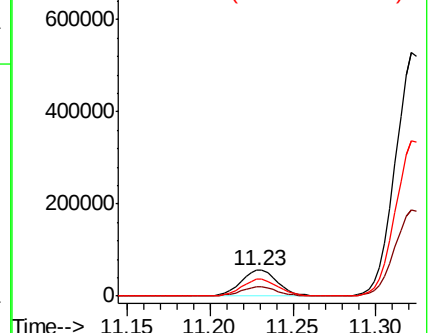
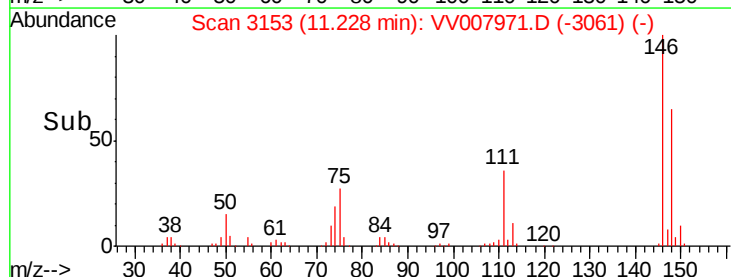
148 64.7 44.7 82.9

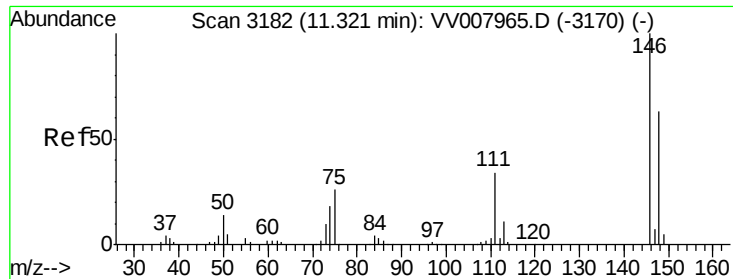


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

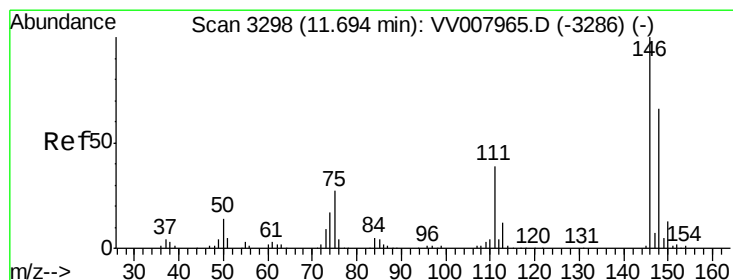
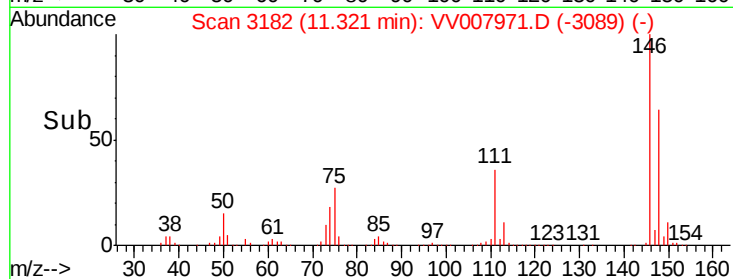
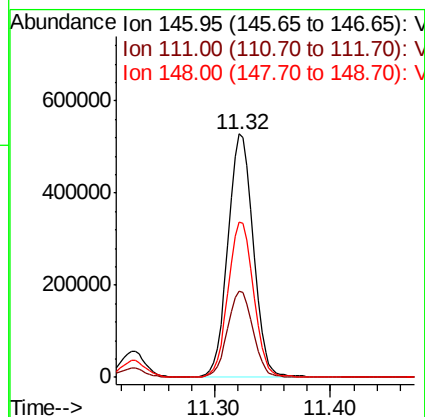
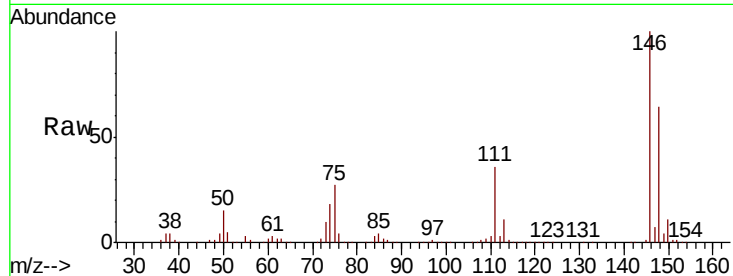




#63
 1,4-Dichlorobenzene
 Concen: 48.227 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007971.D
 Acq: 28 Sep 2018 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S6

Tot Ion:146 Resp: 795938
 Ion Ratio Lower Upper
 146 100
 111 35.6 25.3 47.1
 148 63.8 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 97.705 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007971.D
 Acq: 28 Sep 2018 23:34

Tgt Ion:146 Resp: 1462033
 Ion Ratio Lower Upper
 146 100
 111 38.2 31.2 46.8
 148 64.3 50.3 75.5

