

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008323.D
 Acq On : 17 Oct 2018 04:09
 Operator : SY/MD
 Sample : J5463-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC1

Quant Time: Oct 17 07:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79370	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	69433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23025	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	18318	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.14	63	40658	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	75242	50.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.02%
24) Chloroform-d	4.41	84	46122	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	24643	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	97246	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.13	67	33552	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	87218	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	10668	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.14	63	46023	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20563	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	25619	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

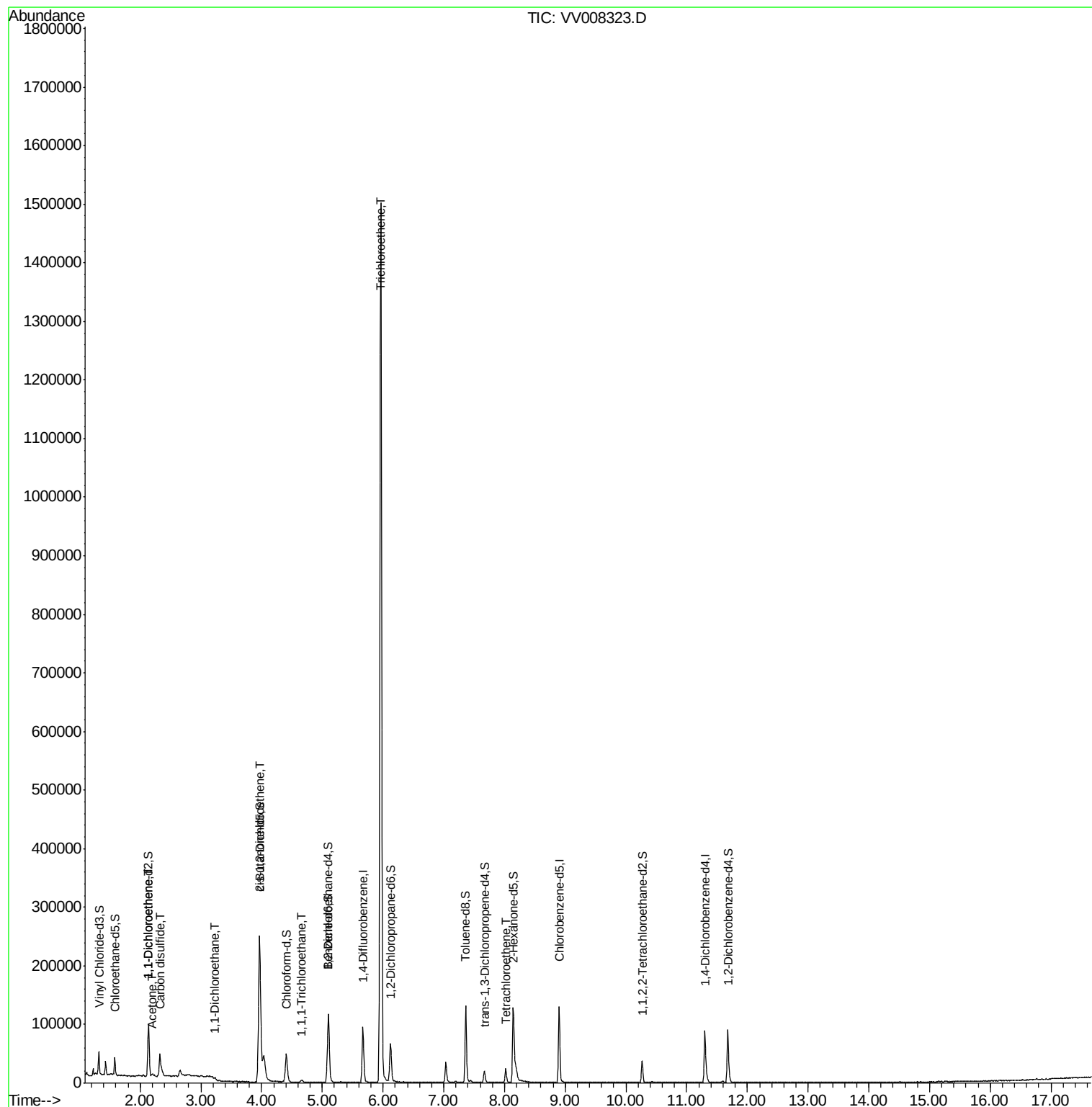
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	11522	3.022	ug/L #	73
13) Acetone	2.21	43	2738	3.364	ug/L	98
14) Carbon disulfide	2.32	76	33744	2.572	ug/L	99
19) 1,1-Dichloroethane	3.23	63	3543	0.418	ug/L #	89
22) cis-1,2-Dichloroethene	3.96	96	115250	17.401	ug/L #	98
29) 1,1,1-Trichloroethane	4.66	97	2719	0.314	ug/L	98
34) Trichloroethene	5.96	95	543002	83.745	ug/L	99
47) Tetrachloroethene	8.02	164	4901	1.206	ug/L	92

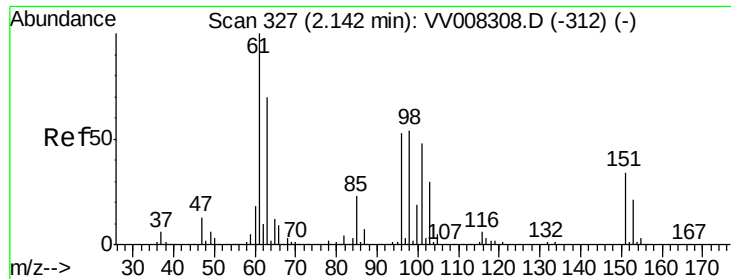
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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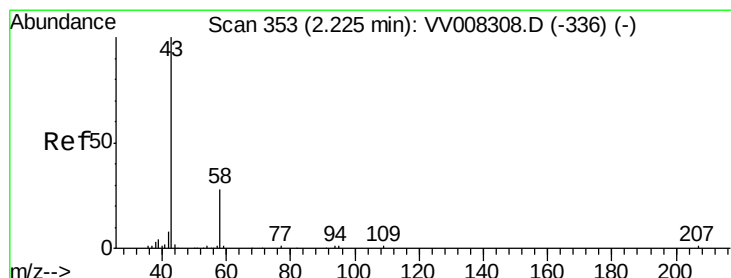
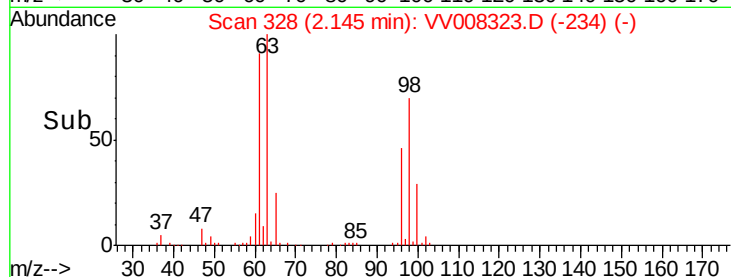
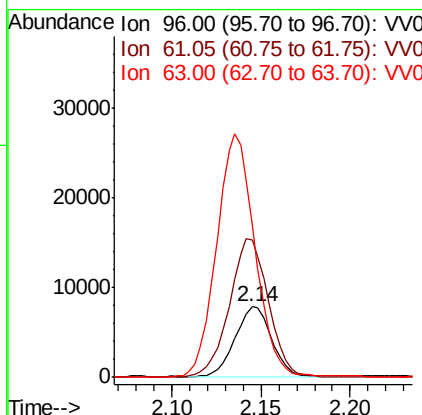
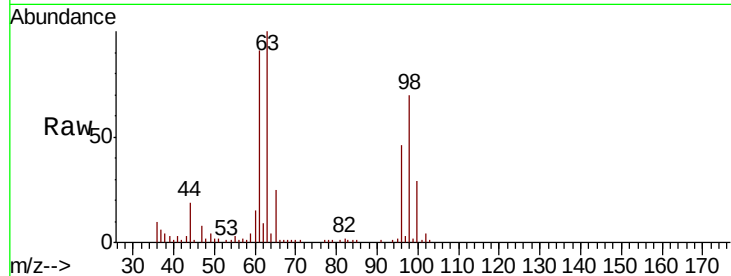




#12
 1,1-Dichloroethene
 Concen: 3.022 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008323.D
 Acq: 17 Oct 2018 04:09

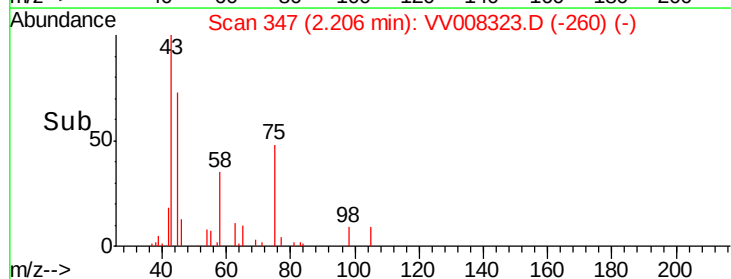
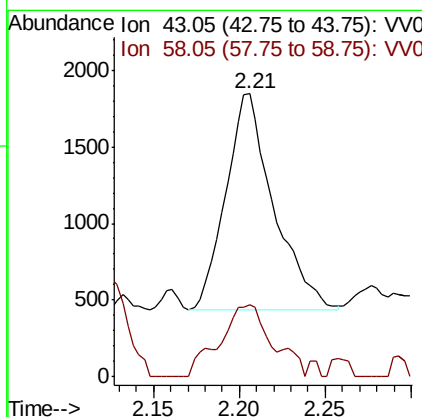
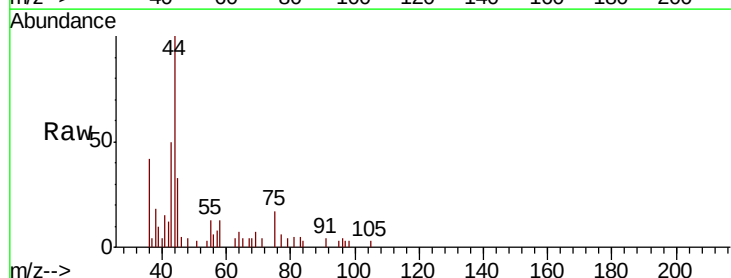
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC1

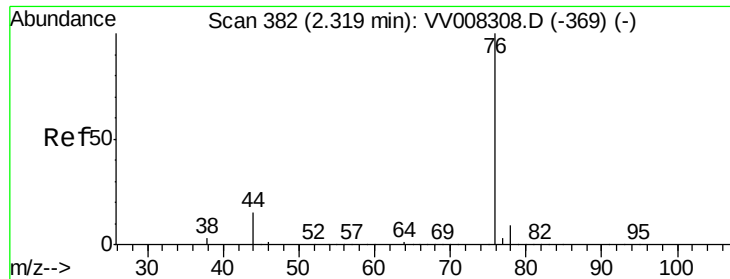
Tot Ion: 96 Resp: 11522
 Ion Ratio Lower Upper
 96 100
 61 194.7 129.9 241.3
 63 215.1 103.0 191.4#



#13
 Acetone
 Concen: 3.364 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VV008323.D
 Acq: 17 Oct 2018 04:09

Tgt Ion: 43 Resp: 2738
 Ion Ratio Lower Upper
 43 100
 58 32.0 0.0 62.0





#14

Carbon disulfide

Concen: 2.572 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008323.D

Acq: 17 Oct 2018 04:09

Instrument :

MSVOA_V

ClientSampleId :

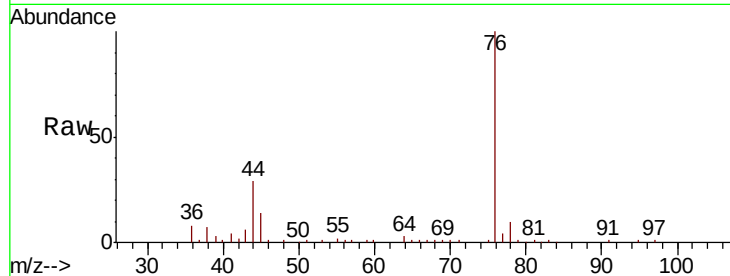
C0JC1

Tot Ion: 76 Resp: 33744

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

25000

20000

15000

10000

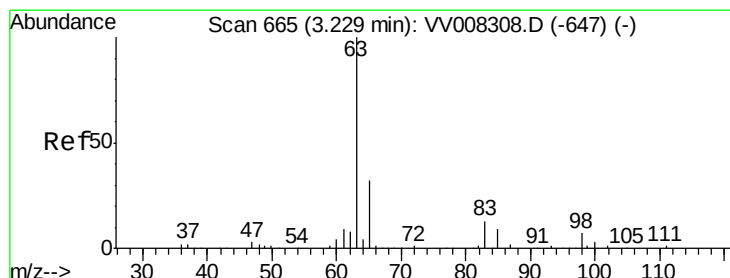
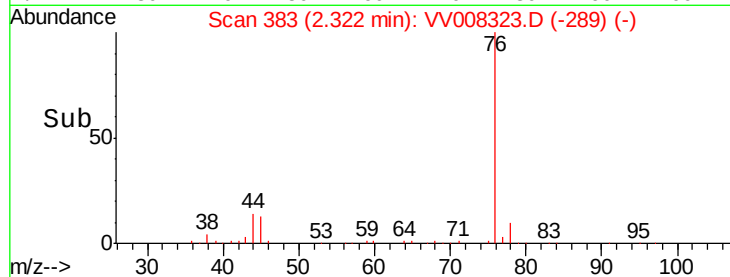
5000

0

Time-->

2.25 2.30 2.35 2.40

2.32



#19

1,1-Dichloroethane

Concen: 0.418 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV008323.D

Acq: 17 Oct 2018 04:09

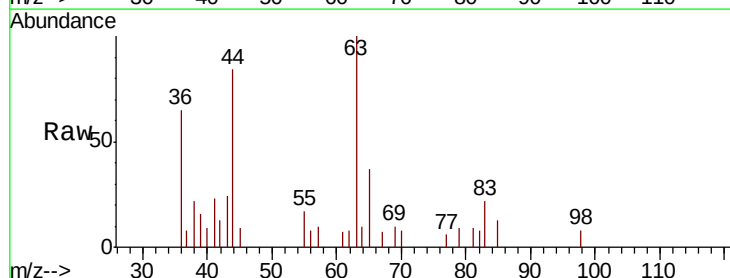
Tgt Ion: 63 Resp: 3543

Ion Ratio Lower Upper

63 100

65 36.9 22.6 42.0

83 22.3 11.0 20.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

2000

1500

1000

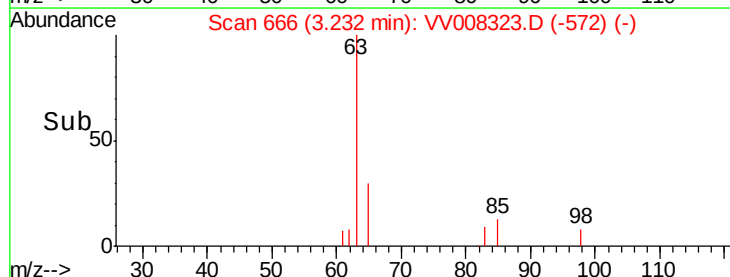
500

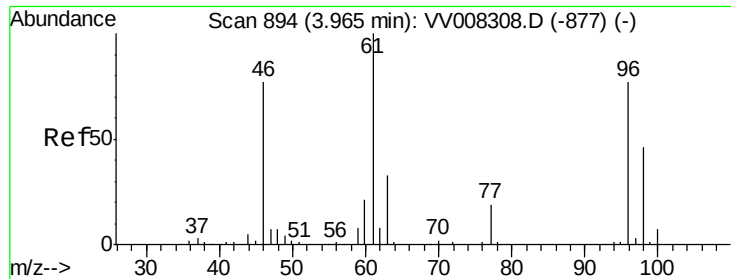
0

Time-->

3.15 3.20 3.25 3.30

3.23





#22

cis-1,2-Dichloroethene

Concen: 17.401 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008323.D

Acq: 17 Oct 2018 04:09

Instrument :

MSVOA_V

ClientSampleId :

C0JC1

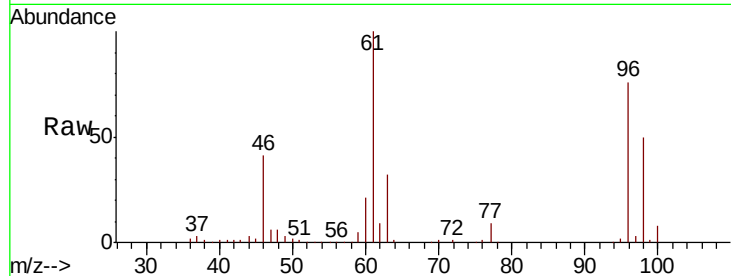
Tot Ion: 96 Resp: 115250

Ion Ratio Lower Upper

96 100

61 131.0 93.7 174.1

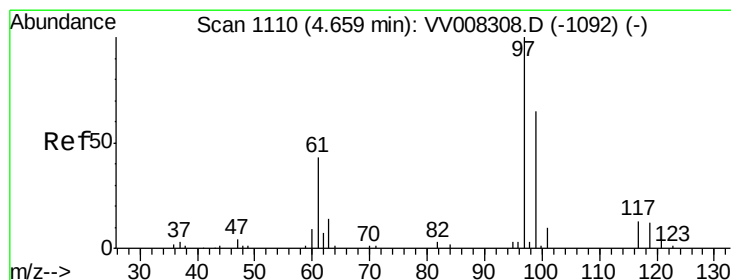
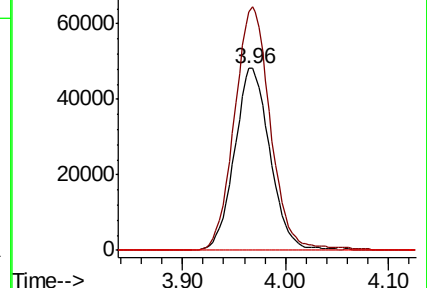
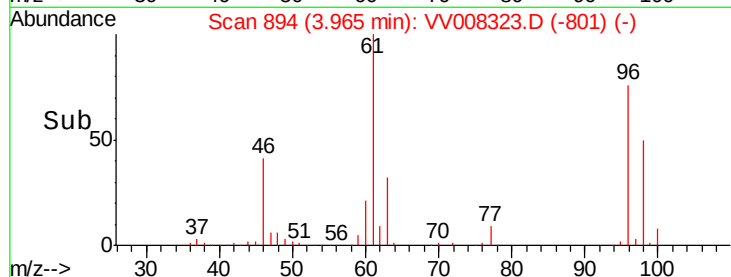
68 0.0 0.6 1.2#



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



#29

1,1,1-Trichloroethane

Concen: 0.314 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV008323.D

Acq: 17 Oct 2018 04:09

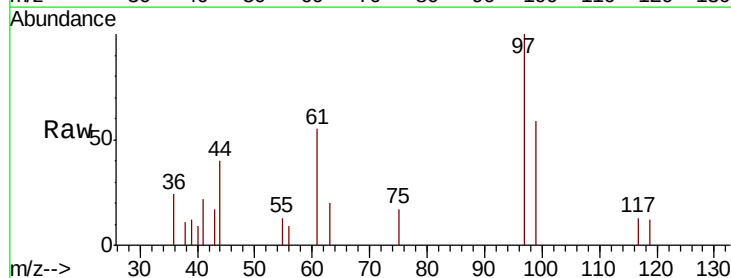
Tgt Ion: 97 Resp: 2719

Ion Ratio Lower Upper

97 100

99 61.8 51.6 77.4

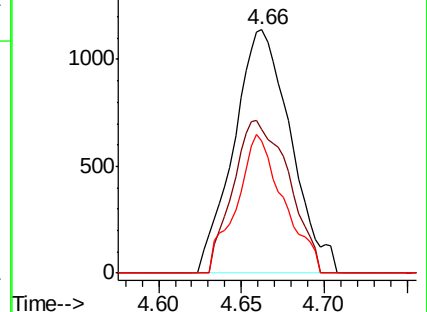
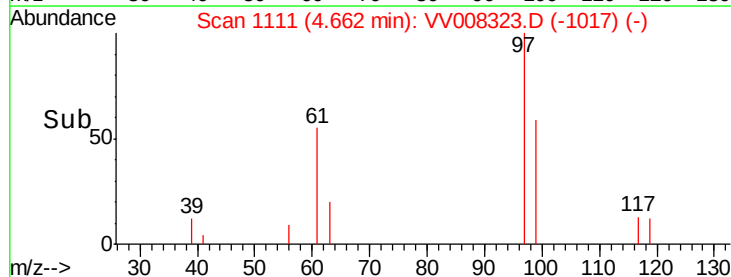
61 47.0 37.0 55.6

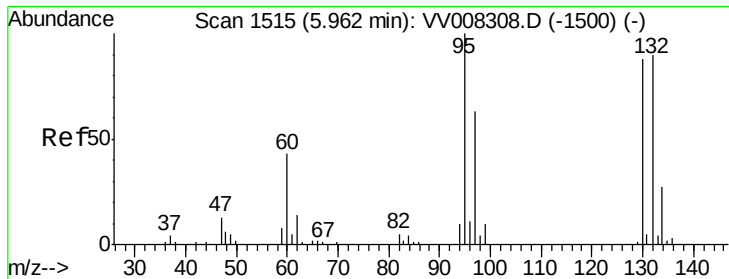


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

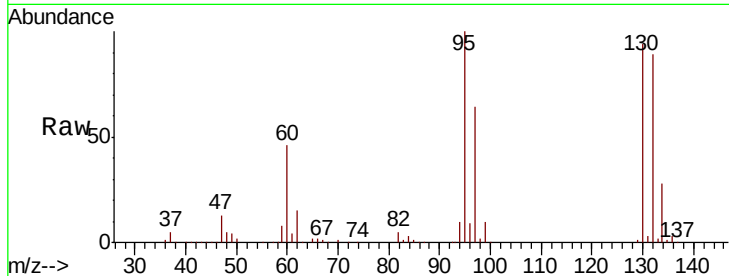




#34
 Trichloroethene
 Concen: 83.745 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008323.D
 Acq: 17 Oct 2018 04:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC1

Tot Ion:	95	Resp:	543002
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.4	82.4
132	89.3	60.4	112.2
130	93.7	65.5	121.7



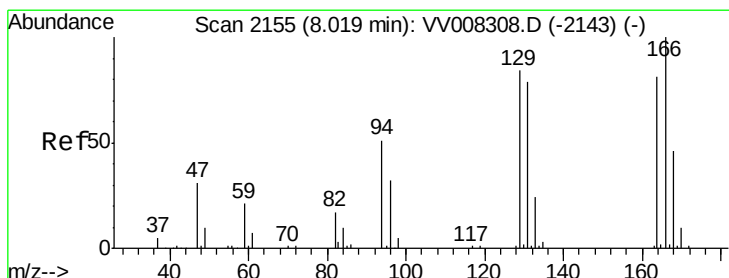
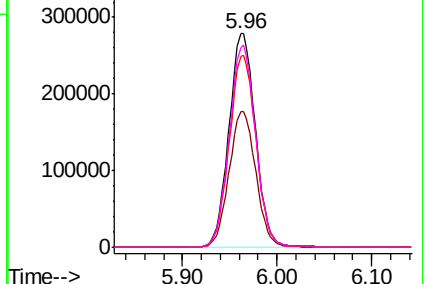
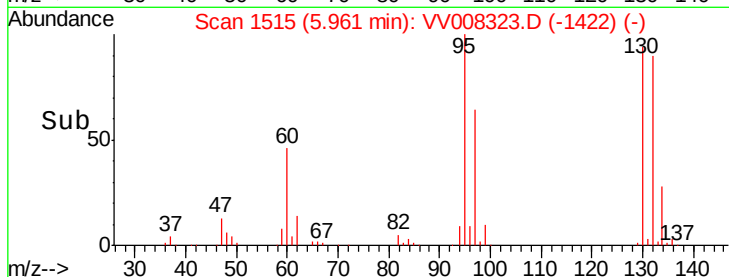
Abundance

Ion 95.00 (94.70 to 95.70): VV008323.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008323.D (-1422) (-)

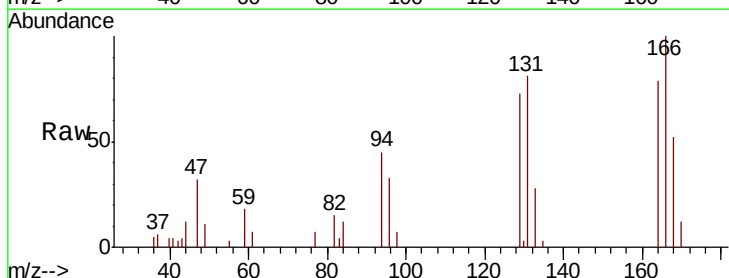
Ion 131.95 (131.65 to 132.65): VV008323.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008323.D (-1422) (-)



#47
 Tetrachloroethene
 Concen: 1.206 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008323.D
 Acq: 17 Oct 2018 04:09

Tgt Ion:	164	Resp:	4901
Ion	Ratio	Lower	Upper
164	100		
129	92.1	76.5	142.1
131	101.8	74.7	138.7
166	125.9	91.6	170.0



Abundance

Ion 163.90 (163.60 to 164.60): VV008323.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008323.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008323.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV008323.D (-2062) (-)

