

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008326.D
 Acq On : 17 Oct 2018 05:35
 Operator : SY/MD
 Sample : J5463-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC4

Quant Time: Oct 17 09:51:23 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	85619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23165	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	17421	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	77907	8.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	167.80%#
20) 2-Butanone-d5	3.96	46	76445	47.11	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.41	84	46155	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.09	65	24383	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	98923	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	33410	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	86414	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	11289	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	48496	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20579	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	26743	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

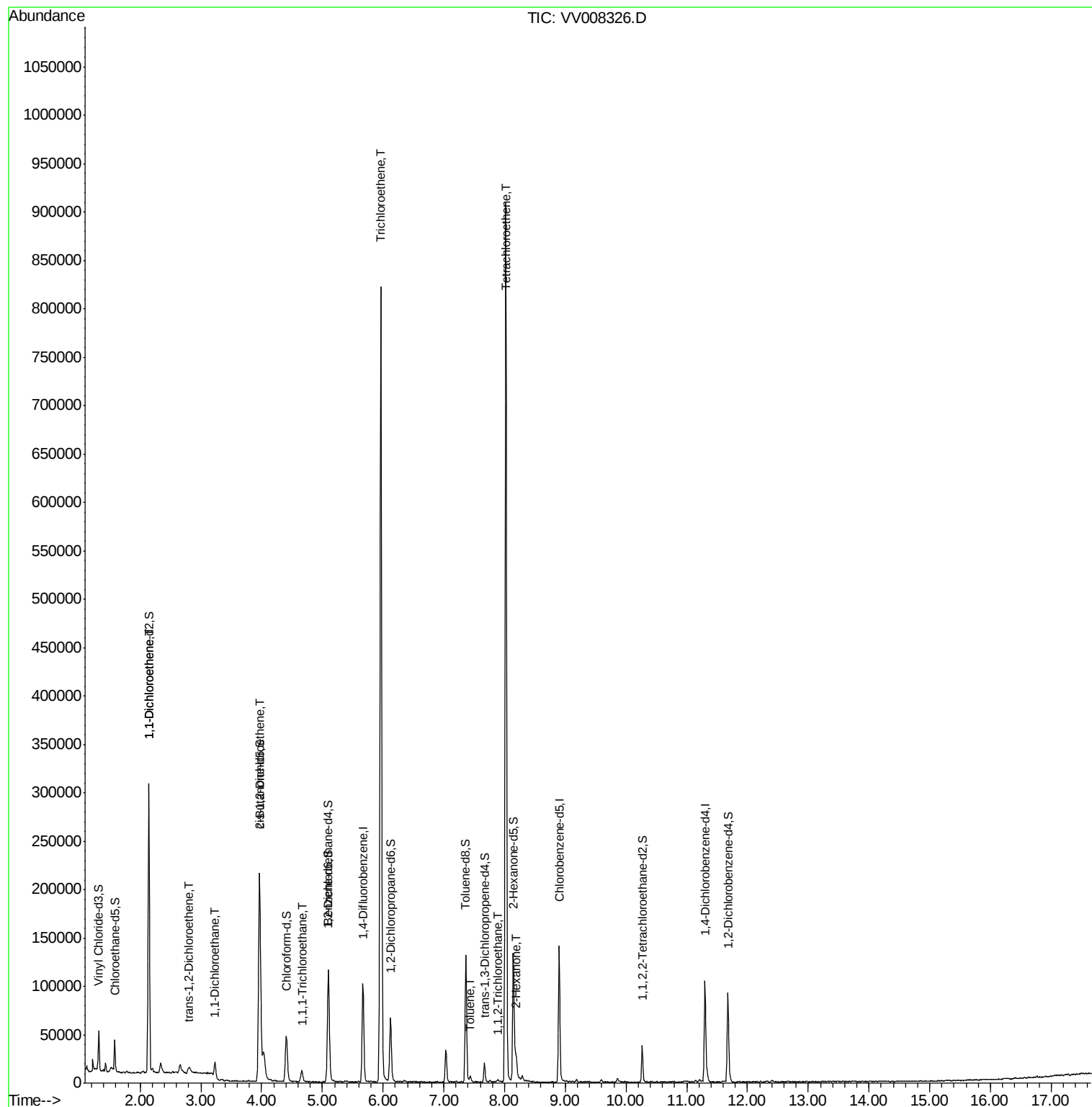
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	73084	17.769	ug/L #	74
18) trans-1,2-Dichloroethene	2.79	96	1653	0.374	ug/L #	80
19) 1,1-Dichloroethane	3.23	63	17521	1.916	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	97572	13.657	ug/L #	97
29) 1,1,1-Trichloroethane	4.66	97	8955	0.953	ug/L	98
34) Trichloroethene	5.96	95	291395	41.343	ug/L	98
42) Toluene	7.44	91	4506	0.170	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	747	0.175	ug/L	92
47) Tetrachloroethene	8.02	164	188260	42.631	ug/L	95
48) 2-Hexanone	8.19	43	14745	4.800	ug/L #	87

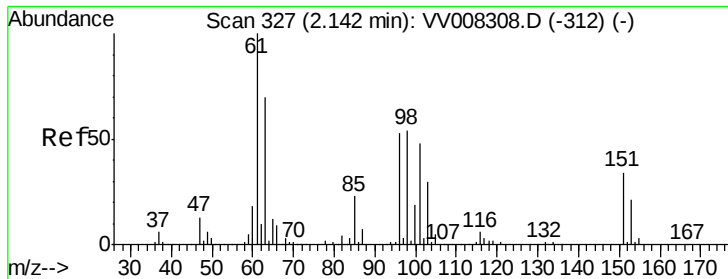
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 17.769 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

Instrument :

MSVOA_V

ClientSampled :

C0JC4

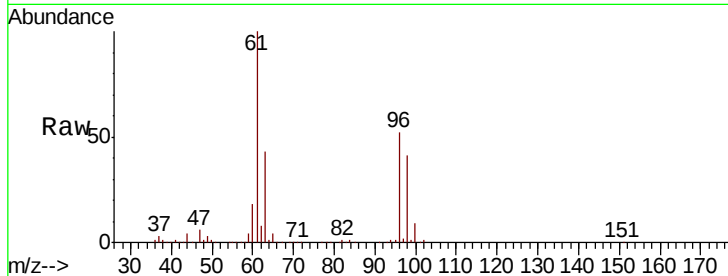
Tot Ion: 96 Resp: 73084

Ion Ratio Lower Upper

96 100

61 192.2 129.9 241.3

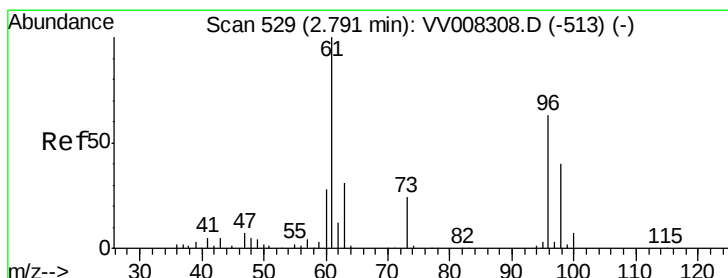
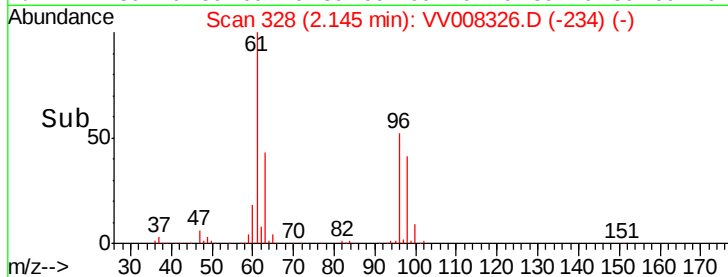
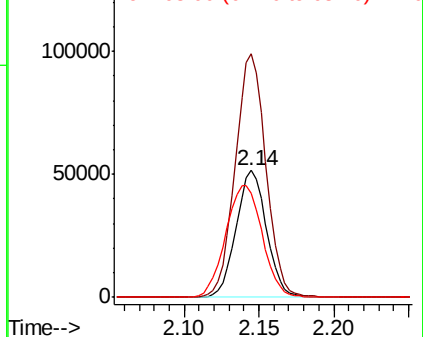
63 81.8 103.0 191.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.374 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

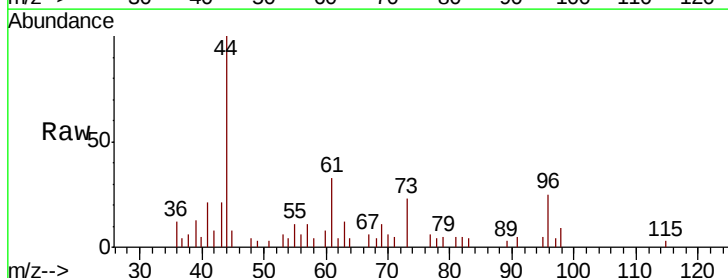
Tgt Ion: 96 Resp: 1653

Ion Ratio Lower Upper

96 100

61 131.4 104.6 194.2

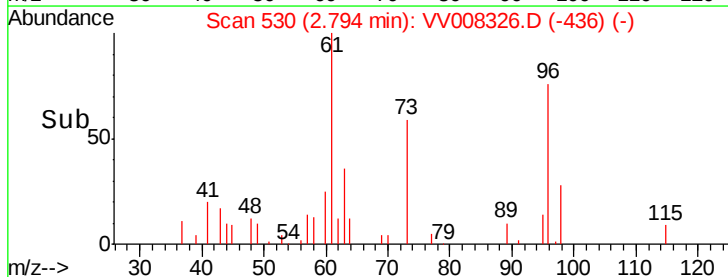
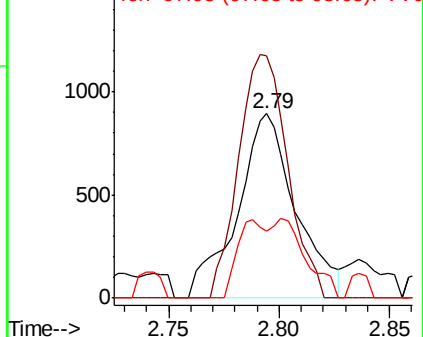
98 36.6 44.1 81.9#

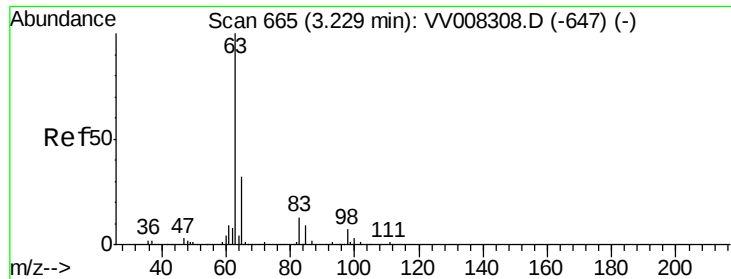


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 1.916 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

Instrument :

MSVOA_V

ClientSampled :

C0JC4

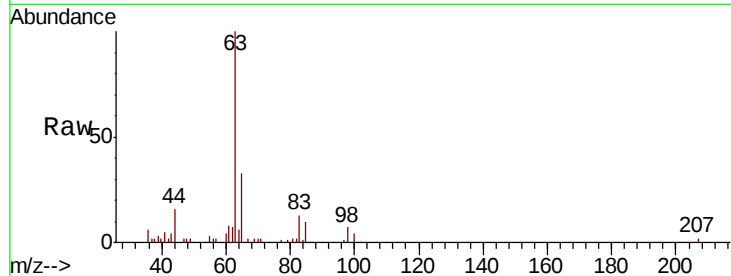
Tot Ion: 63 Resp: 17521

Ion Ratio Lower Upper

63 100

65 33.0 22.6 42.0

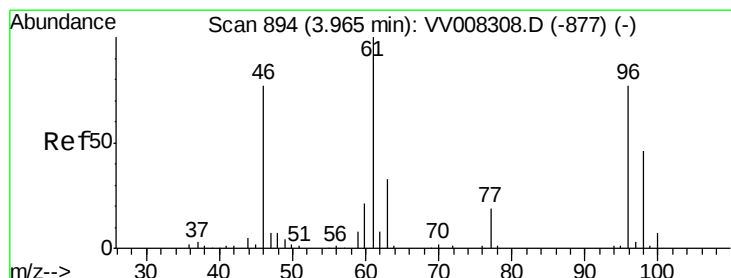
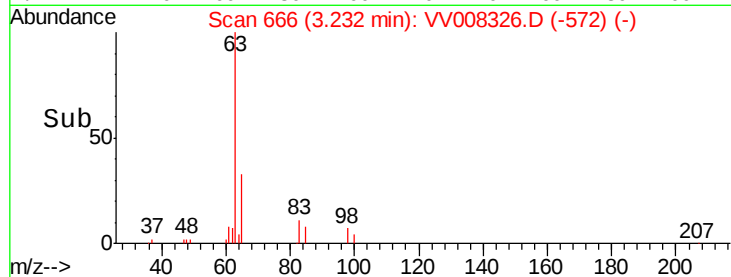
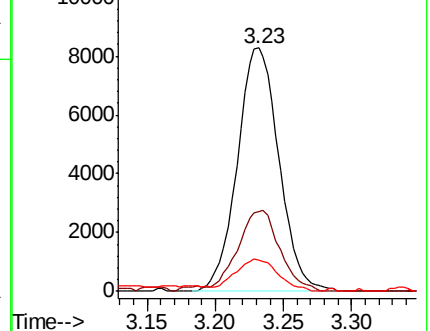
83 13.0 11.0 20.4



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



#22

cis-1,2-Dichloroethene

Concen: 13.657 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

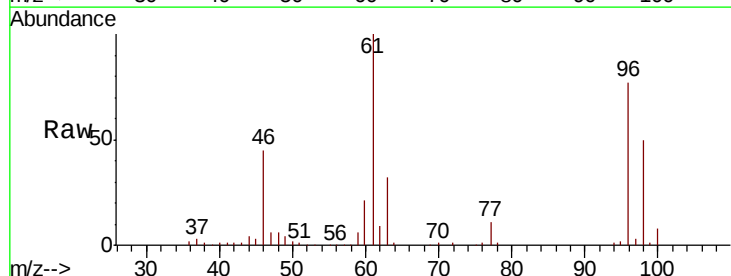
Tgt Ion: 96 Resp: 97572

Ion Ratio Lower Upper

96 100

61 130.5 93.7 174.1

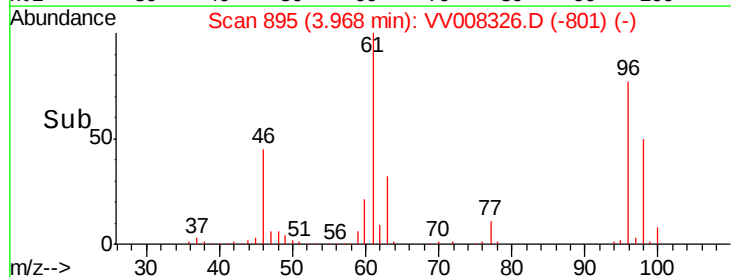
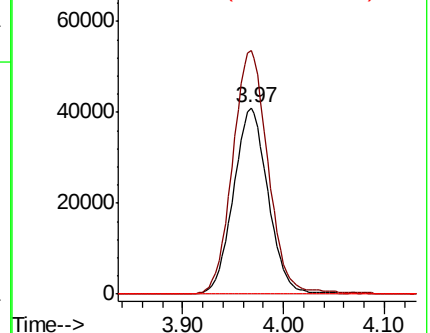
68 0.3 0.6 1.2#

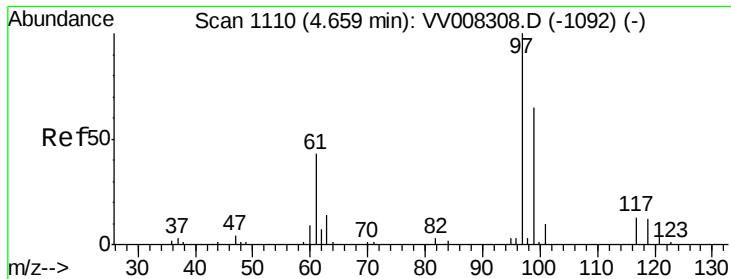


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

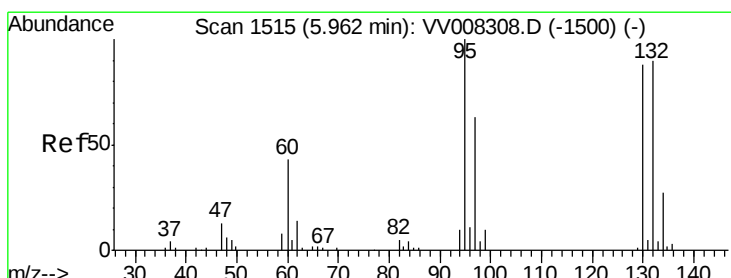
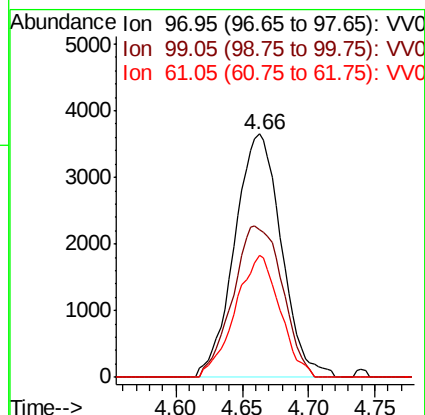
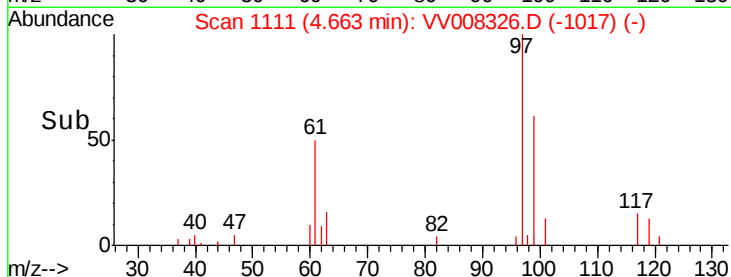
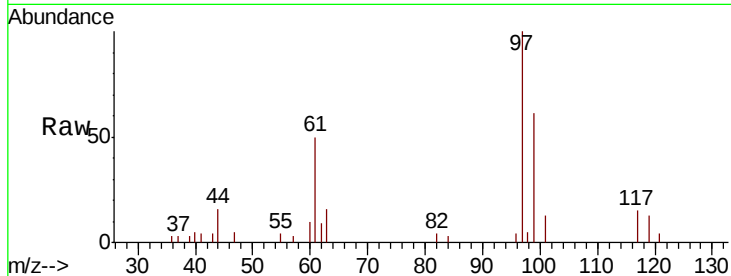




#29
1,1,1-Trichloroethane
Concen: 0.953 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008326.D
Acq: 17 Oct 2018 05:35

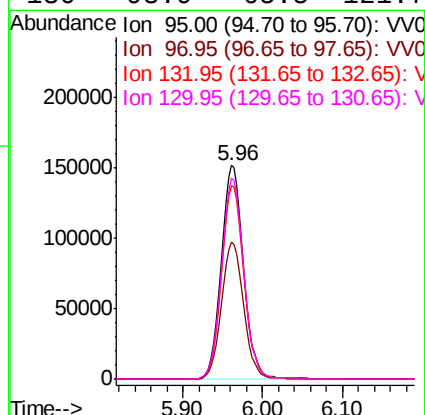
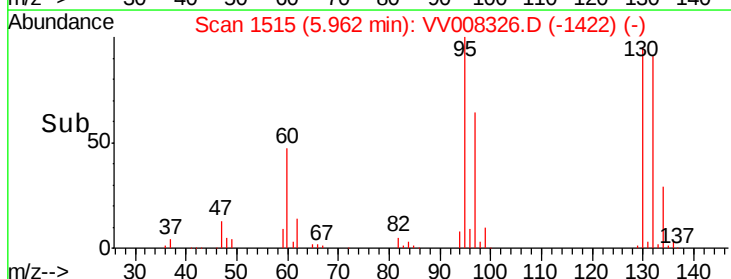
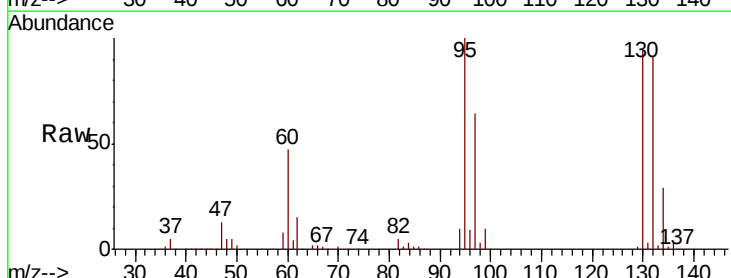
Instrument :
MSVOA_V
ClientSampleId :
C0JC4

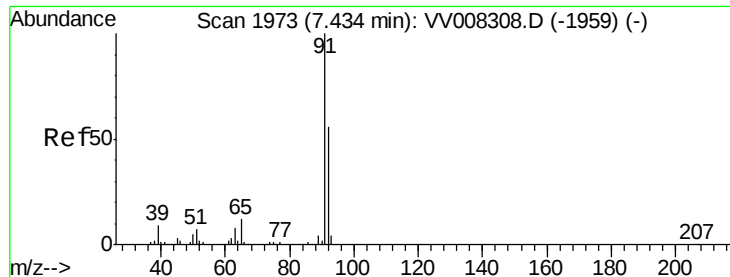
Tot Ion: 97 Resp: 8955
Ion Ratio Lower Upper
97 100
99 65.8 51.6 77.4
61 47.9 37.0 55.6



#34
Trichloroethene
Concen: 41.343 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008326.D
Acq: 17 Oct 2018 05:35

Tgt Ion: 95 Resp: 291395
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 90.5 60.4 112.2
130 93.9 65.5 121.7





#42

Toluene

Concen: 0.170 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

Instrument :

MSVOA_V

ClientSampleId :

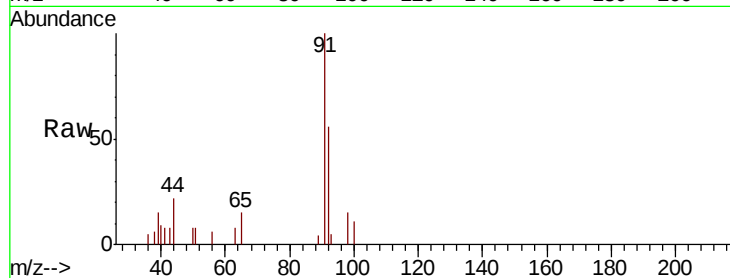
C0JC4

Tot Ion: 91 Resp: 4506

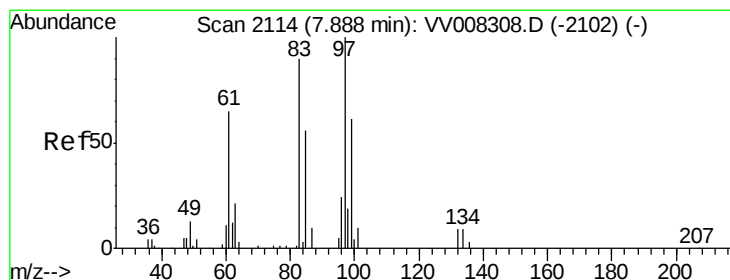
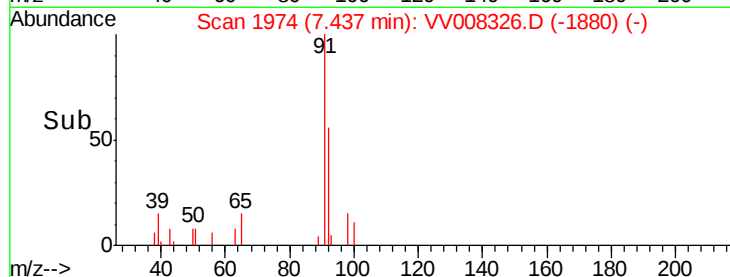
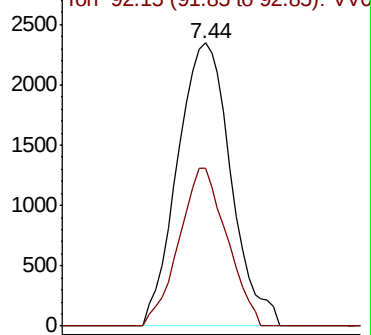
Ion Ratio Lower Upper

91 100

92 55.9 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV008308.D (-1959) (-)



#45

1,1,2-Trichloroethane

Concen: 0.175 ug/L

RT: 7.89 min Scan# 2116

Delta R.T. 0.01 min

Lab File: VV008326.D

Acq: 17 Oct 2018 05:35

Tgt Ion: 97 Resp: 747

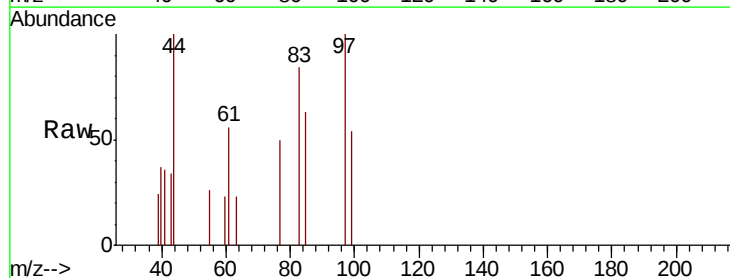
Ion Ratio Lower Upper

97 100

99 54.5 44.1 81.9

83 83.9 63.7 118.3

85 62.8 40.7 75.7

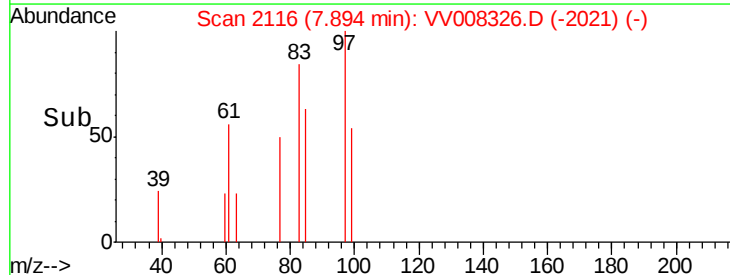
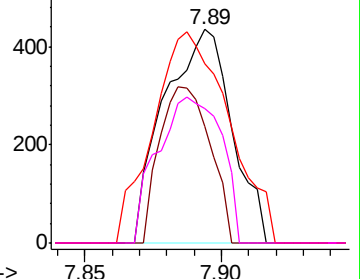


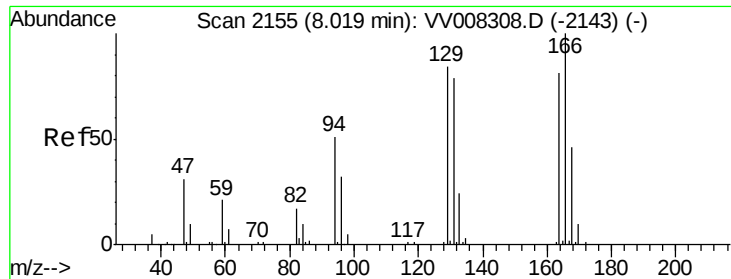
Abundance Ion 96.95 (96.65 to 97.65): VV008308.D (-2102) (-)

Ion 99.05 (98.75 to 99.75): VV008308.D (-2102) (-)

Ion 82.95 (82.65 to 83.65): VV008308.D (-2102) (-)

Ion 85.00 (84.70 to 85.70): VV008308.D (-2102) (-)

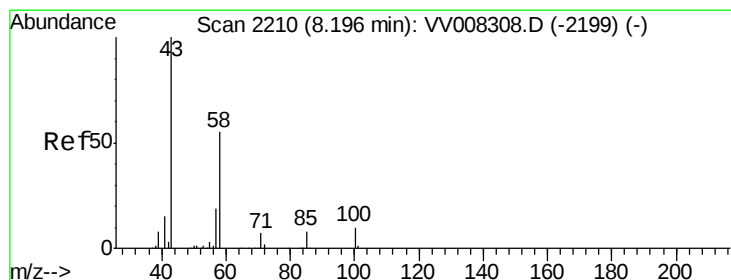
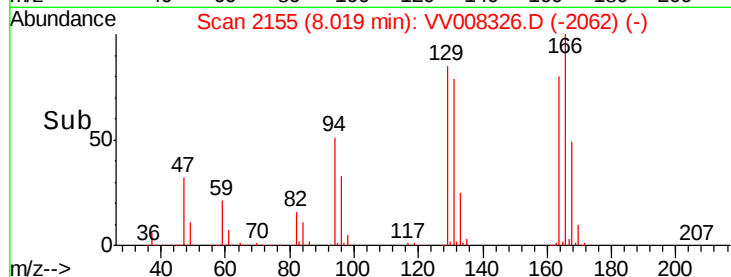
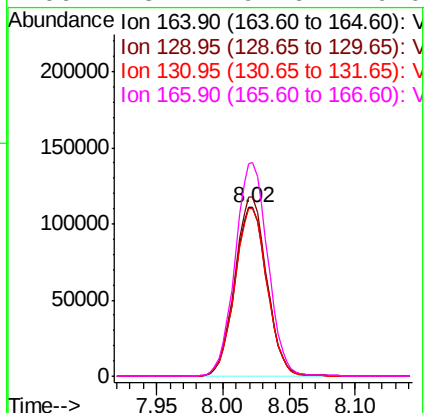
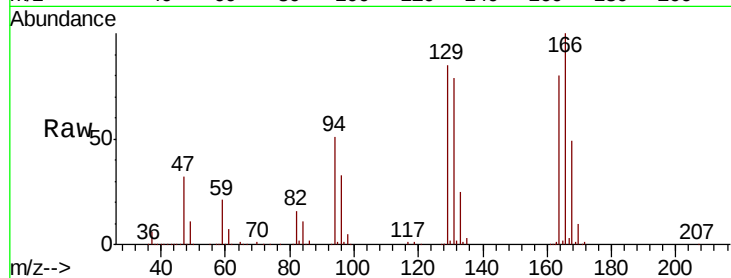




#47
Tetrachloroethene
Concen: 42.631 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008326.D
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Tot Ion:164 Resp: 188260
Ion Ratio Lower Upper
164 100
129 106.3 76.5 142.1
131 99.3 74.7 138.7
166 125.7 91.6 170.0



#48
2-Hexanone
Concen: 4.800 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008326.D
Acq: 17 Oct 2018 05:35

Tgt Ion: 43 Resp: 14745
Ion Ratio Lower Upper
43 100
58 44.3 45.0 67.4#
57 16.5 14.4 21.6
100 6.3 7.9 11.9#

