

Data File : VV007681.D
Acq On : 21 Sep 2018 03:23
Operator : SY/MD
Sample : J4990-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT11

Quant Time: Sep 21 04:11:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18414	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	20351	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	35423	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	52892	48.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	4.41	84	46157	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	24149	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	89359	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	26879	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	89874	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	9027	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	37995	42.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21502	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39734	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

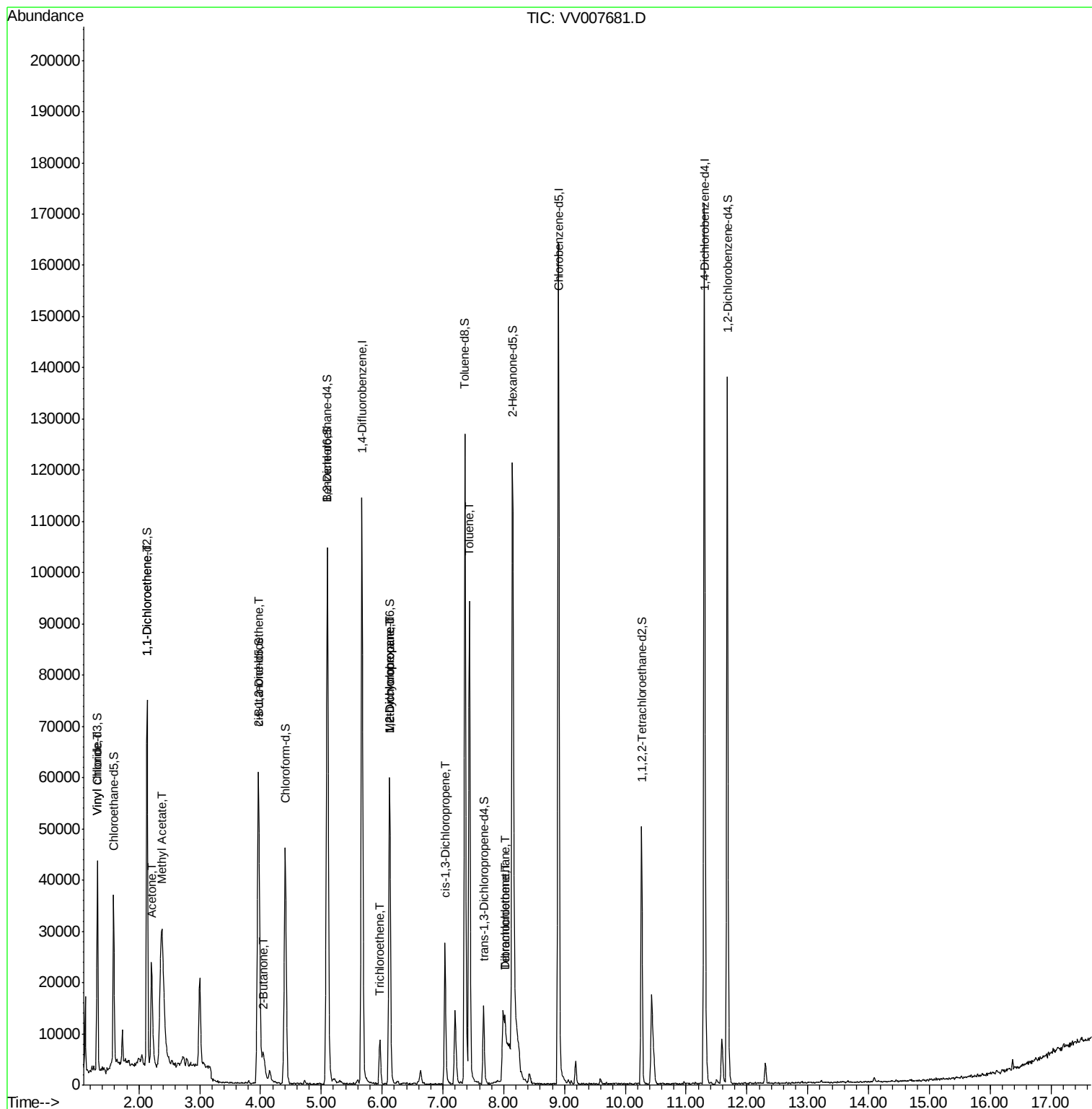
					Qvalue
5) Vinyl chloride	1.32	62	6146	0.806 ug/L	92
12) 1,1-Dichloroethene	2.14	96	850	0.111 ug/L #	1
13) Acetone	2.21	43	25697	24.261 ug/L	100
15) Methyl Acetate	2.38	43	16209	6.207 ug/L #	49
21) 2-Butanone	4.06	43	3995	2.990 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	18973	2.559 ug/L	100
34) Trichloroethene	5.96	95	2968	0.391 ug/L	95
35) Methylcyclohexane	6.13	83	6945	0.593 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3317	0.533 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	839	0.093 ug/L #	70
42) Toluene	7.44	91	70818	2.413 ug/L	99
47) Tetrachloroethene	8.02	164	1255	0.168 ug/L	87
49) Dibromochloromethane	8.02	129	1003	0.168 ug/L #	10

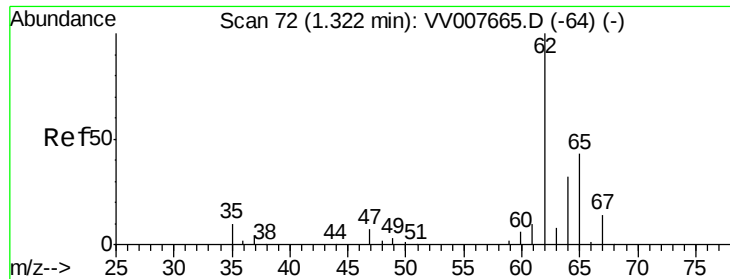
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV007681.D
Acq On : 21 Sep 2018 03:23
Operator : SY/MD
Sample : J4990-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T11

Quant Time: Sep 21 04:11:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.806 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

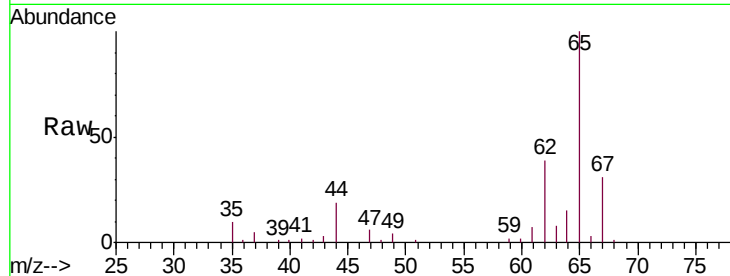
C0T11

Tgt Ion: 62 Resp: 6146

Ion Ratio Lower Upper

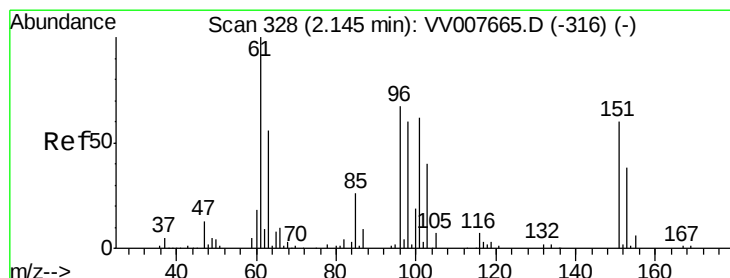
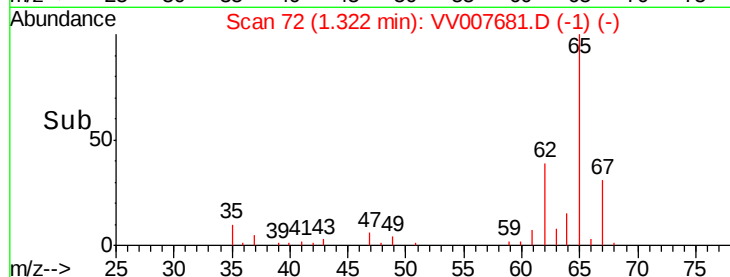
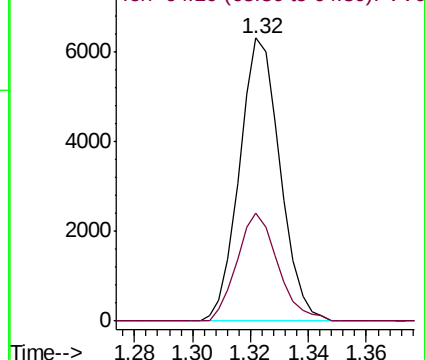
62 100

64 38.0 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

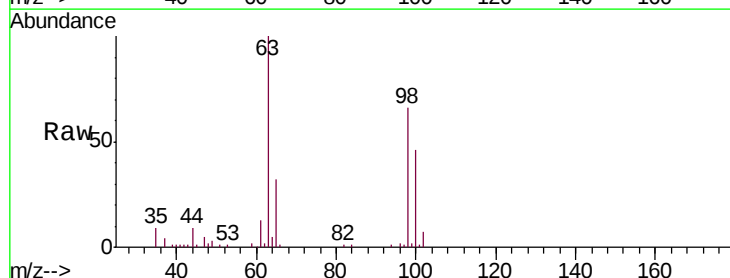
Tgt Ion: 96 Resp: 850

Ion Ratio Lower Upper

96 100

61 578.7 104.3 193.7#

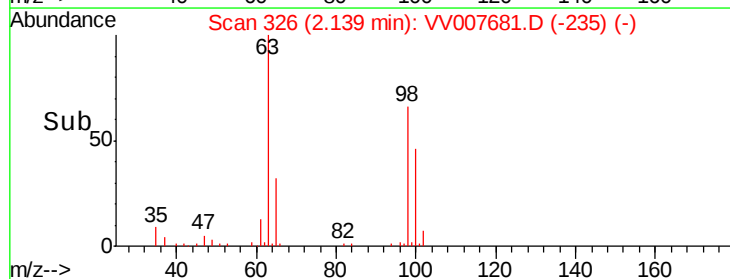
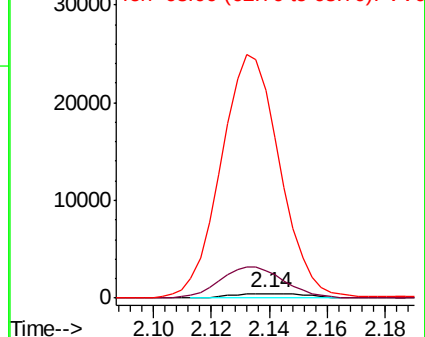
63 4303.4 65.2 121.2#

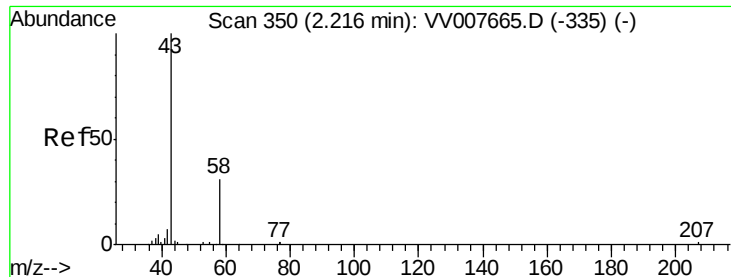


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 24.261 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampled :

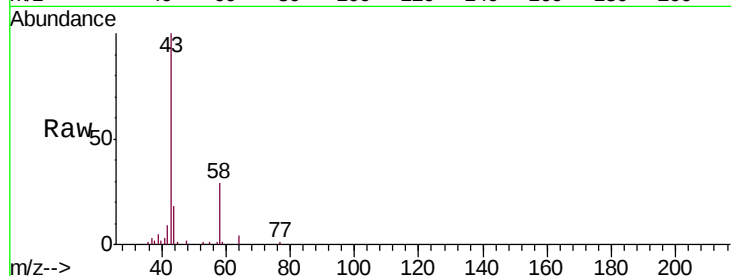
COT11

Tgt Ion: 43 Resp: 25697

Ion Ratio Lower Upper

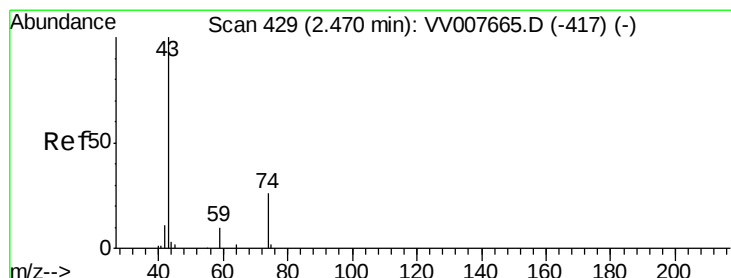
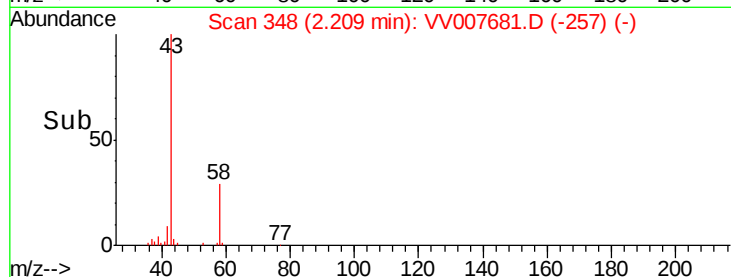
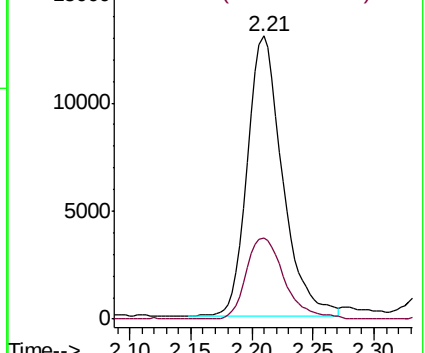
43 100

58 31.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV007665.D (-335) (-)



#15

Methyl Acetate

Concen: 6.207 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.09 min

Lab File: VV007681.D

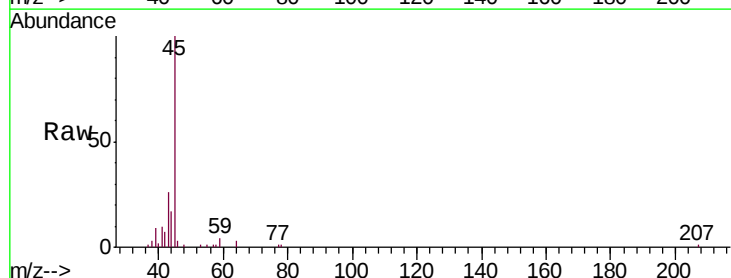
Acq: 21 Sep 2018 03:23

Tgt Ion: 43 Resp: 16209

Ion Ratio Lower Upper

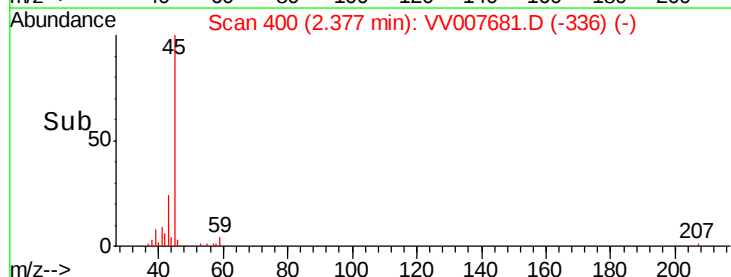
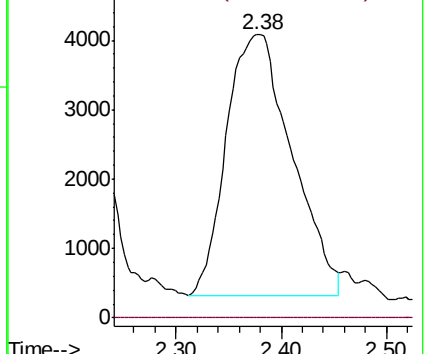
43 100

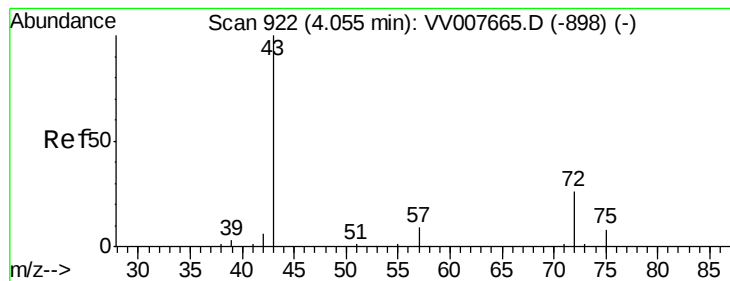
74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV007665.D (-417) (-)





#21

2-Butanone

Concen: 2.990 ug/L

RT: 4.06 min Scan# 923

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

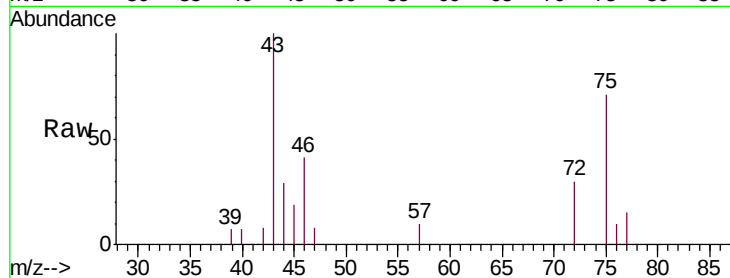
C0T11

Tgt Ion: 43 Resp: 3995

Ion Ratio Lower Upper

43 100

72 32.2 14.8 44.4



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-898) (-)

Ion 72.10 (71.80 to 72.80): VV007665.D (-898) (-)

4.06

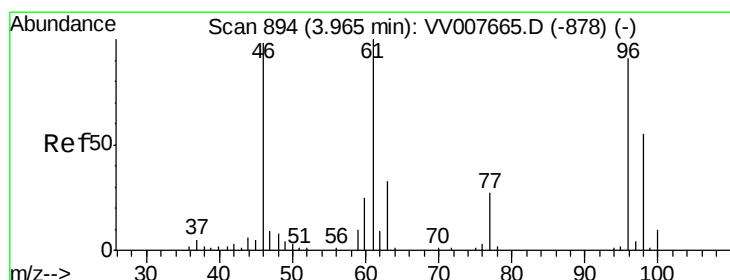
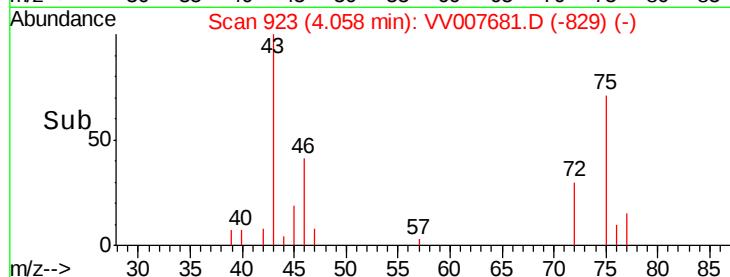
1500

1000

500

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 2.559 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

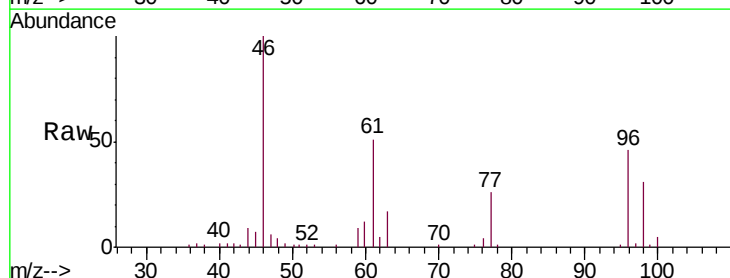
Tgt Ion: 96 Resp: 18973

Ion Ratio Lower Upper

96 100

61 112.6 79.0 146.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007665.D (-878) (-)

Ion 61.05 (60.75 to 61.75): VV007665.D (-878) (-)

Ion 68.15 (67.85 to 68.85): VV007665.D (-878) (-)

12000

10000

8000

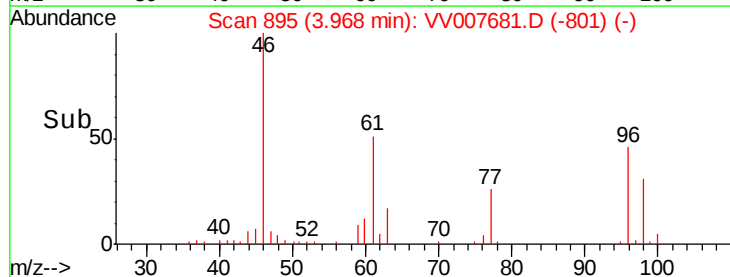
6000

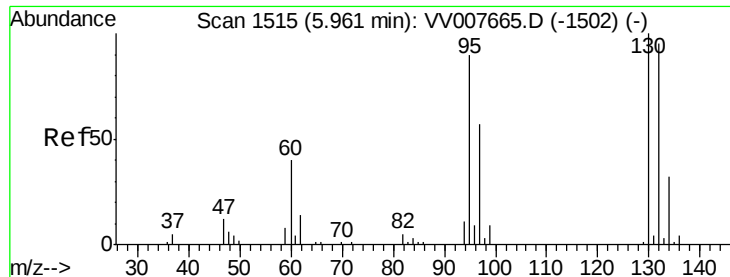
4000

2000

0

Time-->

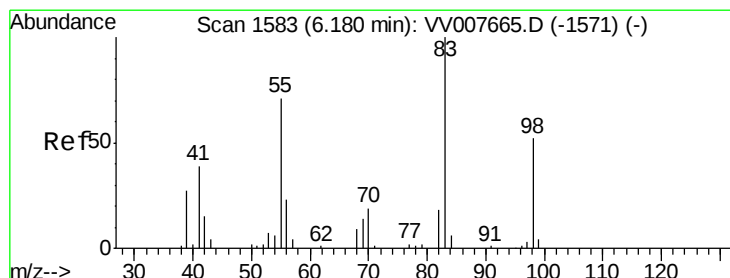
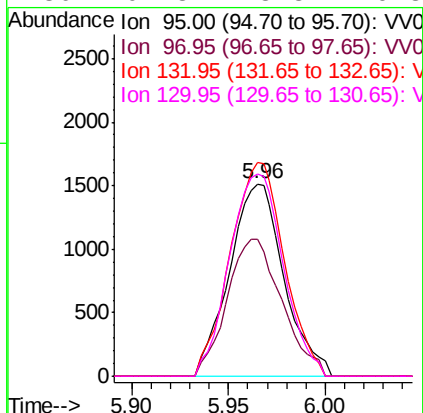
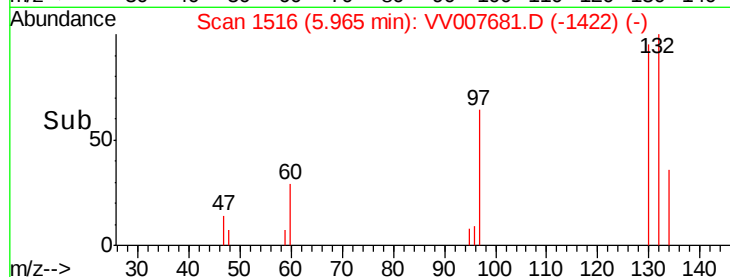
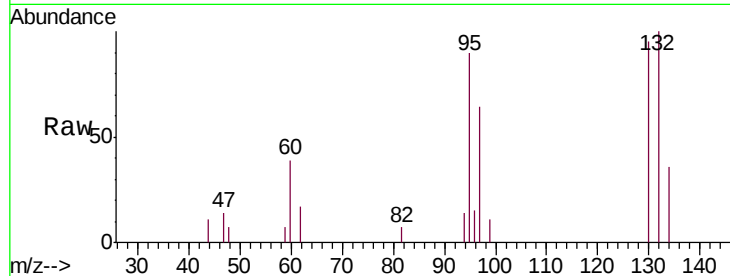




#34
 Trichloroethene
 Concen: 0.391 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

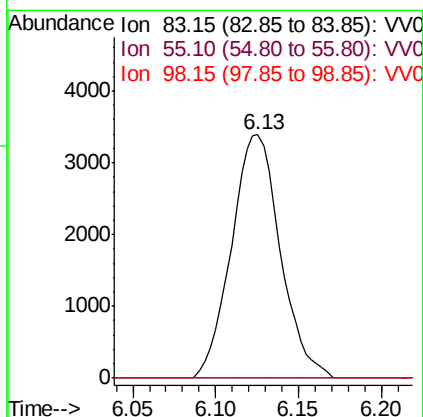
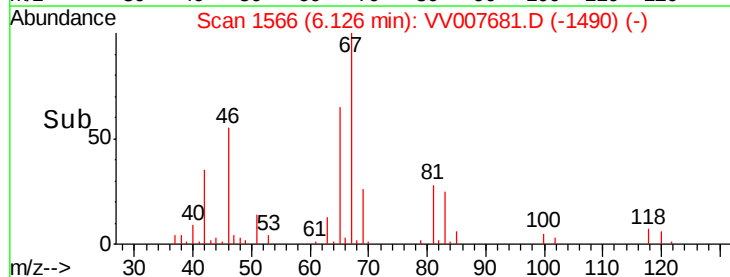
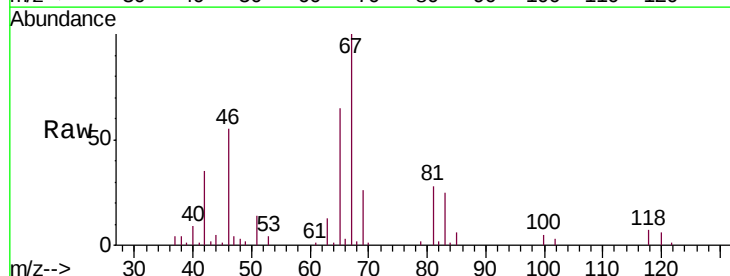
Instrument :
 MSVOA_V
 ClientSampled :
 COT11

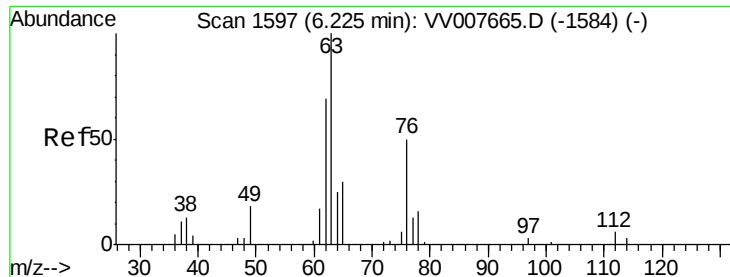
Tgt Ion: 95 Resp: 2968
 Ion Ratio Lower Upper
 95 100
 97 71.3 45.1 83.9
 132 110.9 78.2 145.2
 130 104.8 78.8 146.3



#35
 Methylcyclohexane
 Concen: 0.593 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

Tgt Ion: 83 Resp: 6945
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.8 82.2#
 98 1.6 40.7 61.1#

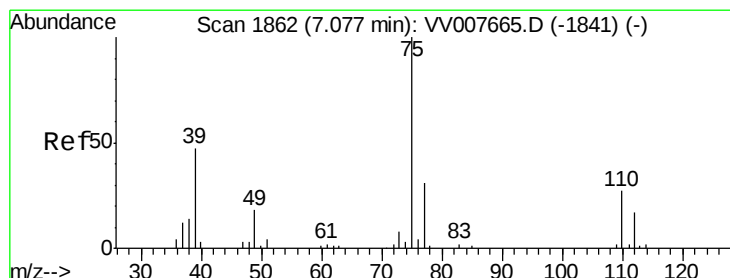
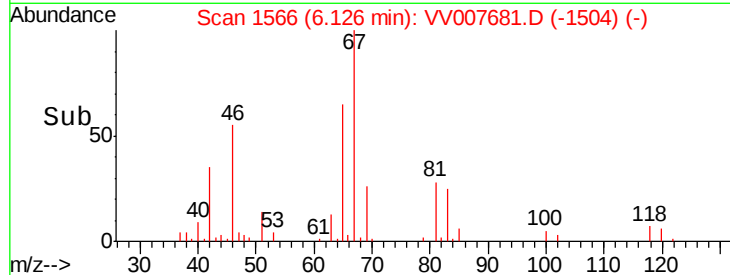
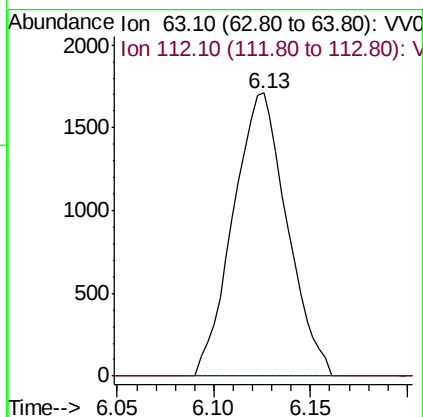
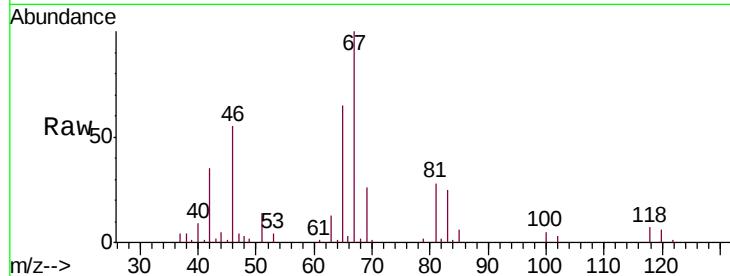




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

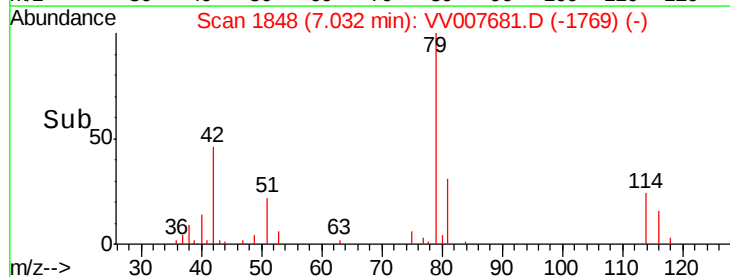
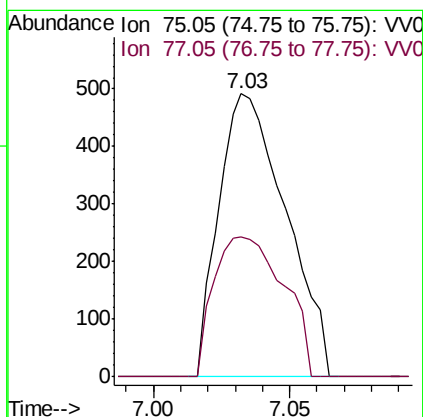
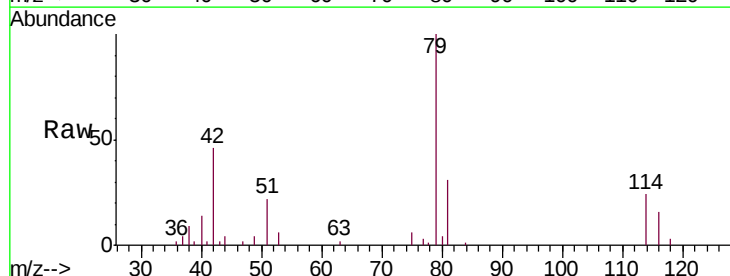
Instrument :
 MSVOA_V
 ClientSampleId :
 C0T11

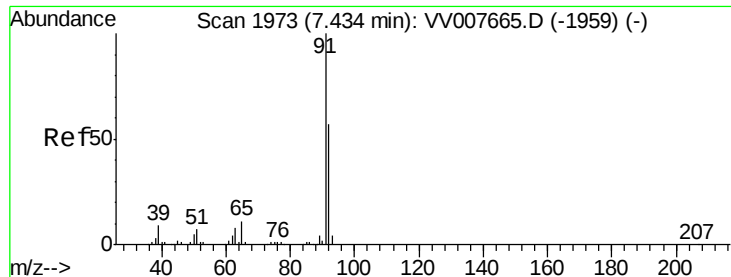
Tgt Ion: 63 Resp: 3317
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

Tgt Ion: 75 Resp: 839
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.7 42.3#





#42

Toluene

Concen: 2.413 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

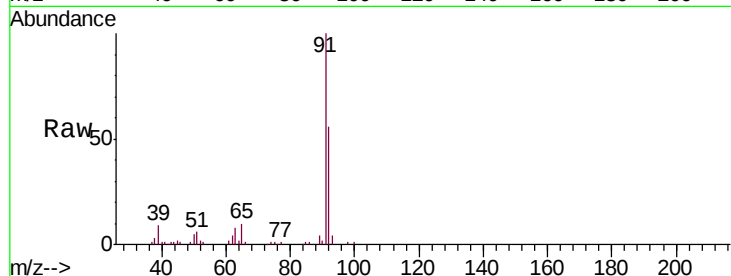
C0T11

Tgt Ion: 91 Resp: 70818

Ion Ratio Lower Upper

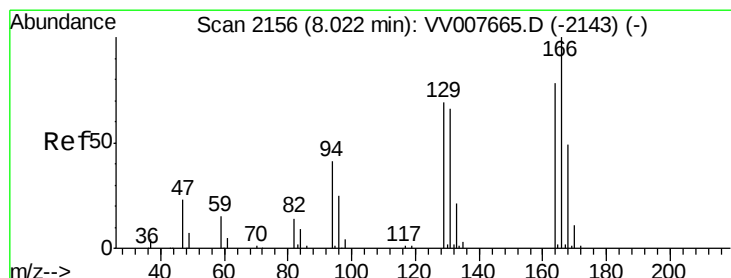
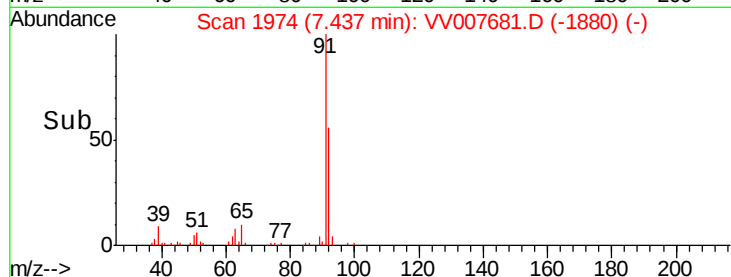
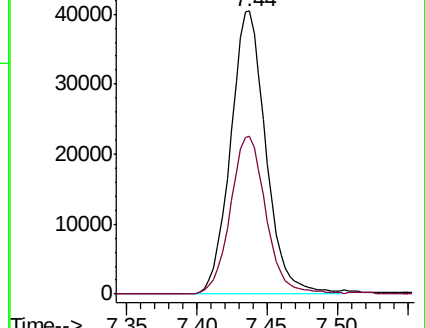
91 100

92 55.6 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007665.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007665.D (-1959) (-)



#47

Tetrachloroethene

Concen: 0.168 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Tgt Ion: 164 Resp: 1255

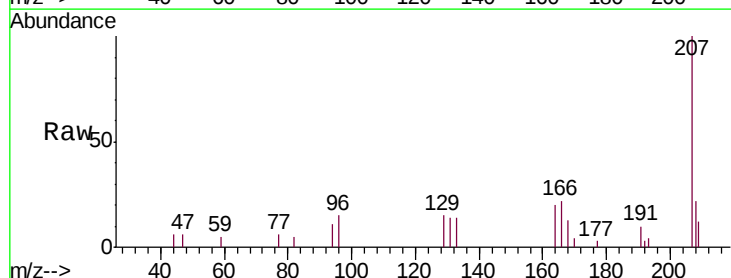
Ion Ratio Lower Upper

164 100

129 77.5 61.5 114.3

131 73.4 60.9 113.1

166 111.1 88.8 165.0

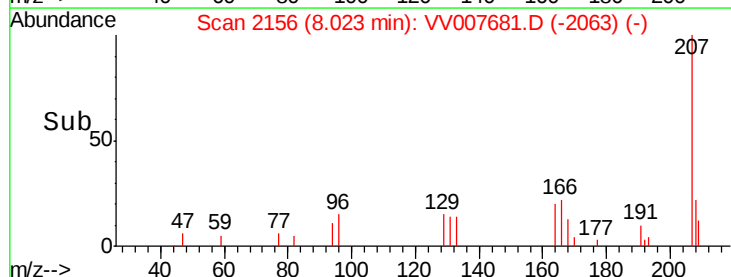
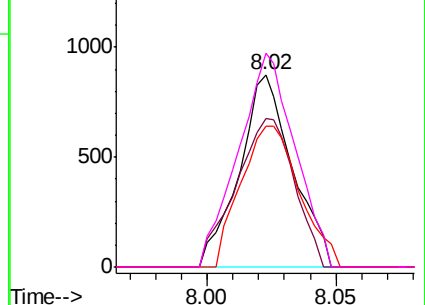


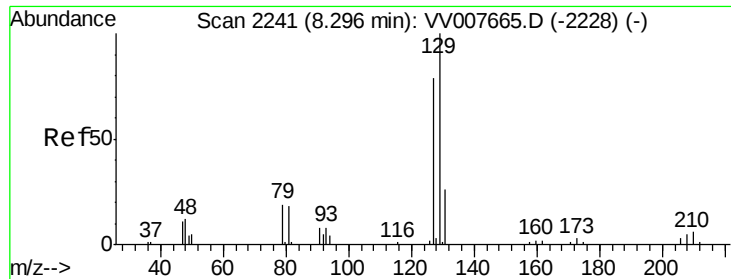
Abundance Ion 163.90 (163.60 to 164.60): VV007665.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV007665.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV007665.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV007665.D (-2143) (-)





#49

Dibromochloromethane

Concen: 0.168 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

C0T11

Tgt Ion:129 Resp: 1003

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

