

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007798.D
 Acq On : 23 Sep 2018 19:16
 Operator : SY/MD
 Sample : J5010-09
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T15

Quant Time: Sep 24 07:23:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167423	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39281	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.34%
7) Chloroethane-d5	1.59	69	39742	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.14	63	75743	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.95	46	58429	97.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.23%
24) Chloroform-d	4.41	84	87644	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.09	65	60379	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.11	84	173517	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
36) 1,2-Dichloropropane-d6	6.13	67	52488	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.36	98	177913	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%
43) trans-1,3-Dichloropropene-	7.67	79	22544	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.14	63	42030	88.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77081	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	83054	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

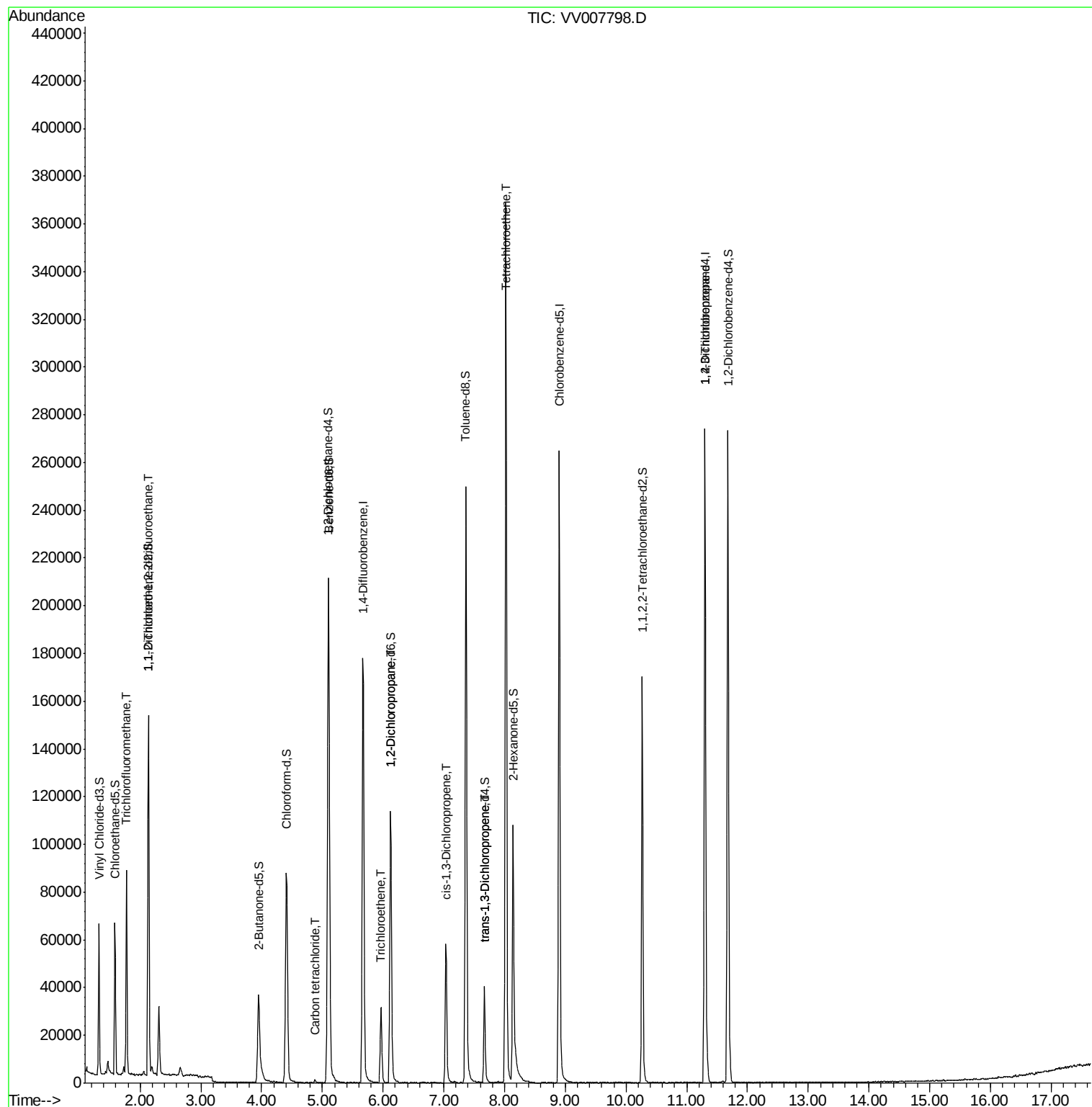
					Qvalue
9) Trichlorofluoromethane	1.78	101	47575	21.317 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	782	0.618 ug/L #	14
31) Carbon tetrachloride	4.88	117	832	0.530 ug/L	99
34) Trichloroethene	5.96	95	10710	9.520 ug/L	95
37) 1,2-Dichloropropane	6.13	63	6506	6.793 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1676	1.089 ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	1023	0.700 ug/L	87
46) Tetrachloroethene	8.02	164	87804	76.255 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	8172	6.034 ug/L	89

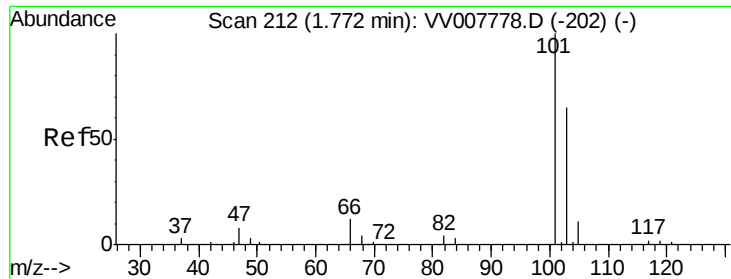
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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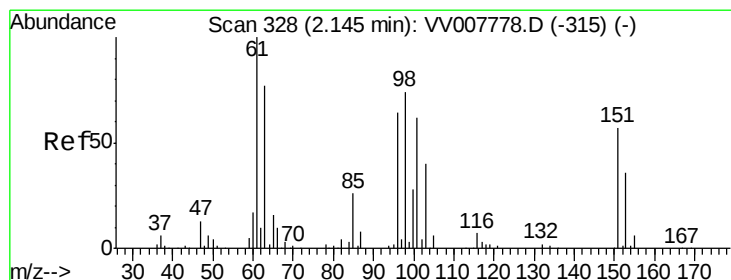
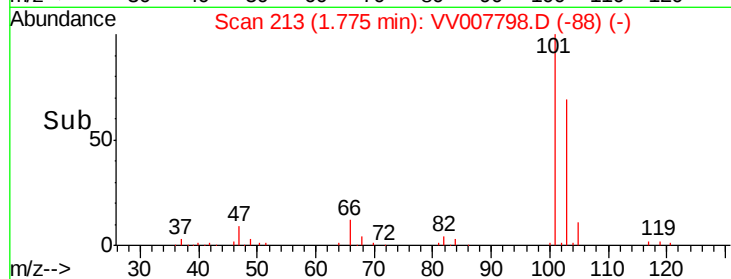
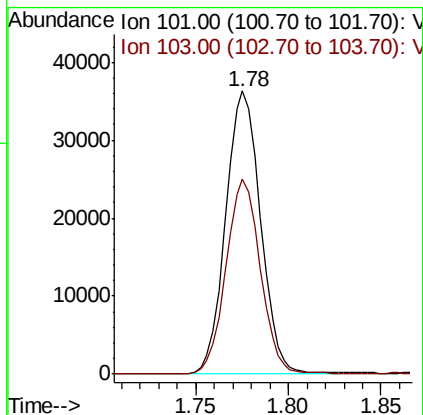
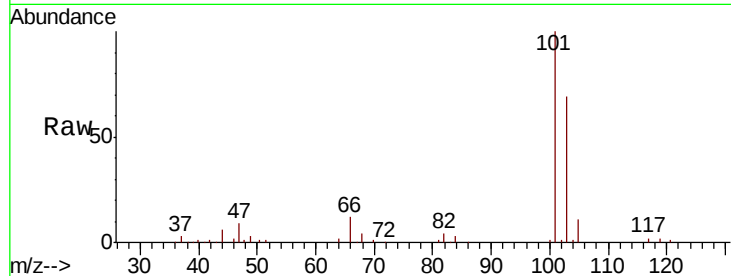


#9

Trichlorofluoromethane
 Concen: 21.317 ug/L
 RT: 1.78 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: VV007798.D
 Acq: 23 Sep 2018 19:16

Instrument :
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 ClientSampleId :
 COT15

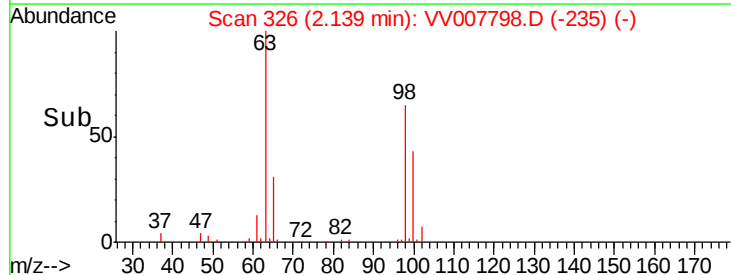
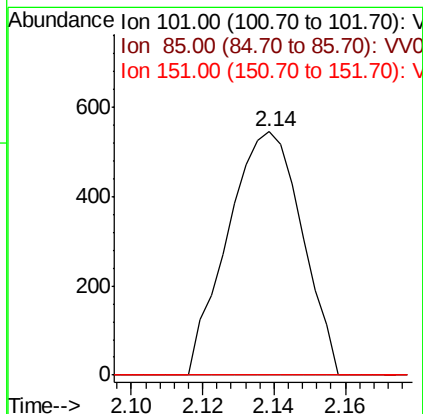
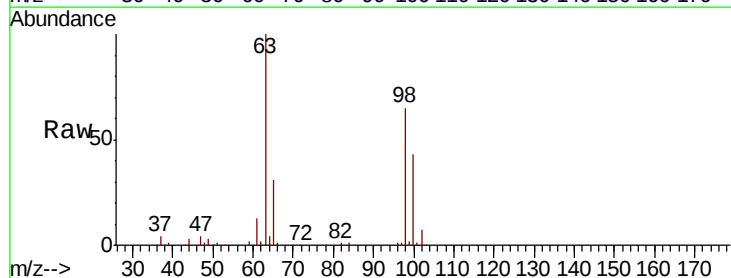
Tgt Ion:101 Resp: 47575
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.4 77.2

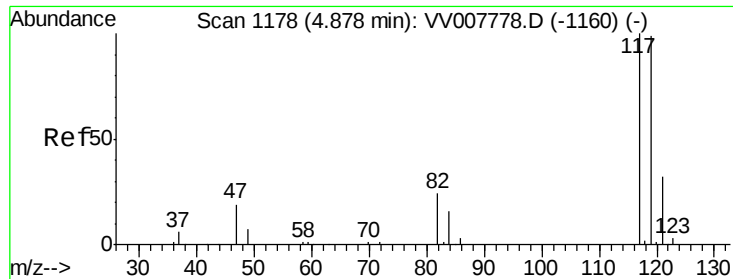


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.618 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV007798.D
 Acq: 23 Sep 2018 19:16

Tgt Ion:101 Resp: 782
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.7 49.1#
 151 0.0 72.2 108.2#





#31

Carbon tetrachloride

Concen: 0.530 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007798.D

Acq: 23 Sep 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

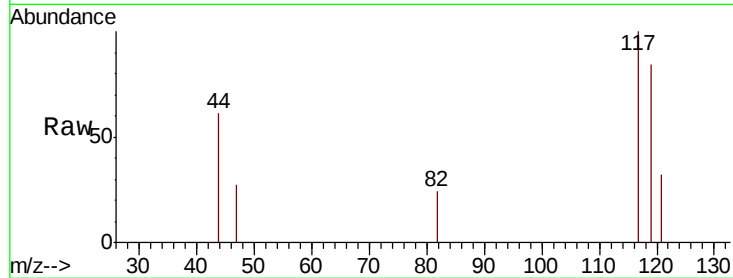
C0T15

Tgt Ion:117 Resp: 832

Ion Ratio Lower Upper

117 100

119 97.1 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

4.88

400

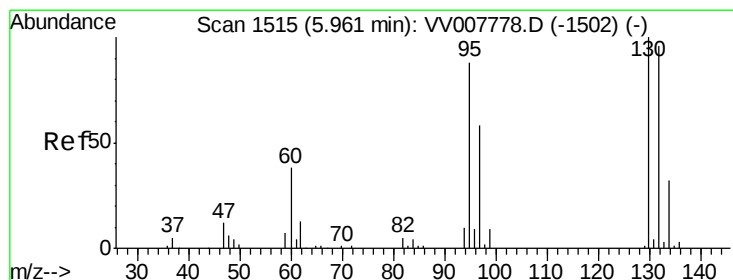
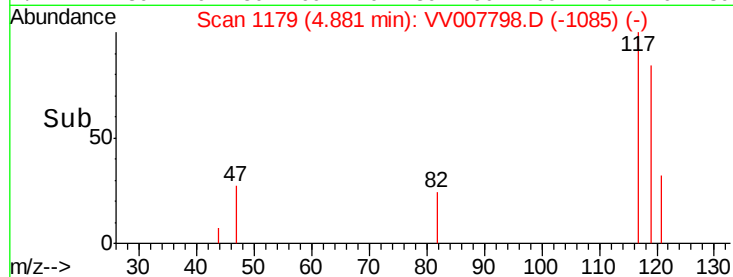
300

200

100

0

Time-->



#34

Trichloroethene

Concen: 9.520 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007798.D

Acq: 23 Sep 2018 19:16

Tgt Ion: 95 Resp: 10710

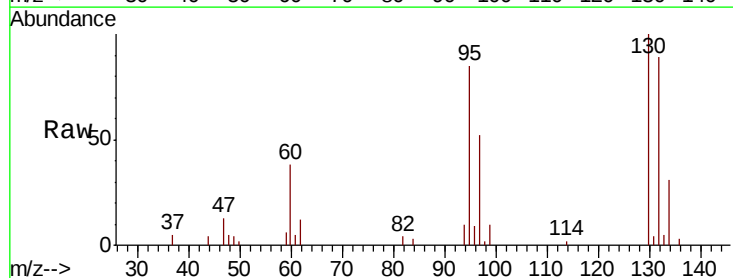
Ion Ratio Lower Upper

95 100

97 61.4 45.2 84.0

132 104.4 77.7 144.3

130 117.5 79.7 148.1



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

10000

8000

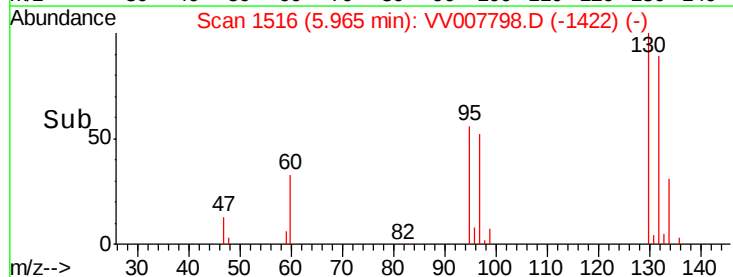
6000

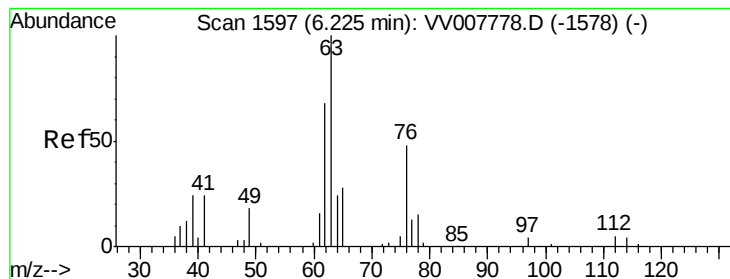
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 6.793 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007798.D

Acq: 23 Sep 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

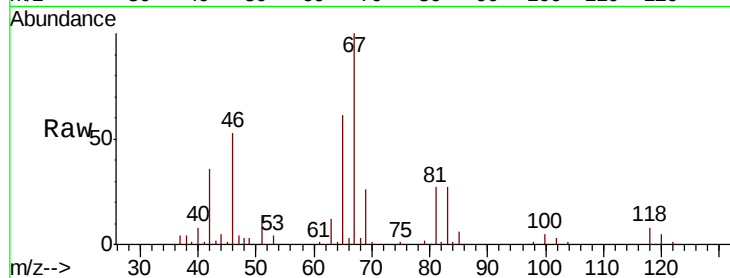
C0T15

Tgt Ion: 63 Resp: 6506

Ion Ratio Lower Upper

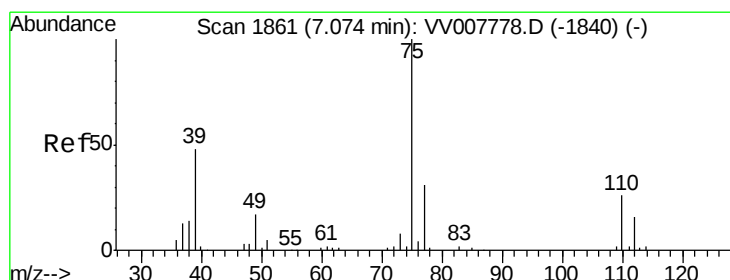
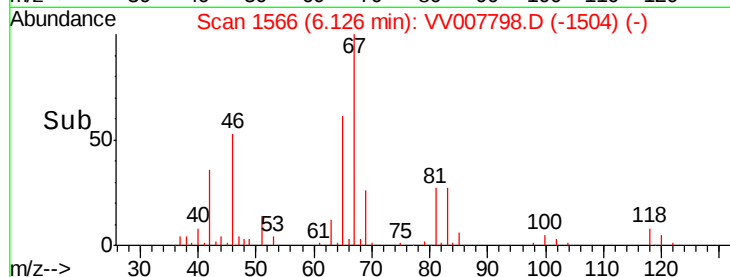
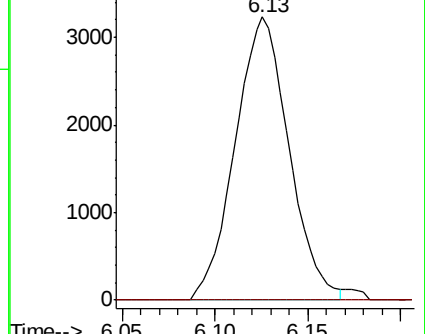
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV007778.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV007778.D (-1578) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.089 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007798.D

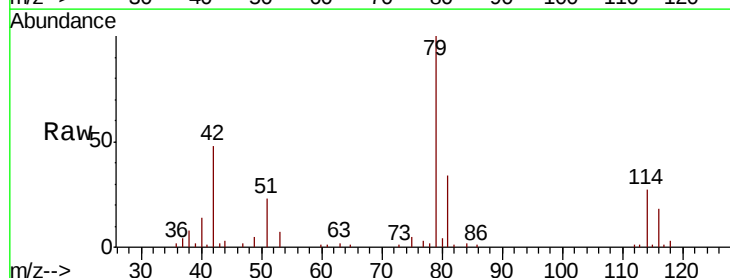
Acq: 23 Sep 2018 19:16

Tgt Ion: 75 Resp: 1676

Ion Ratio Lower Upper

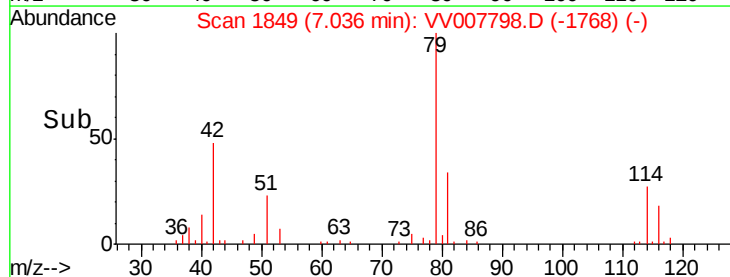
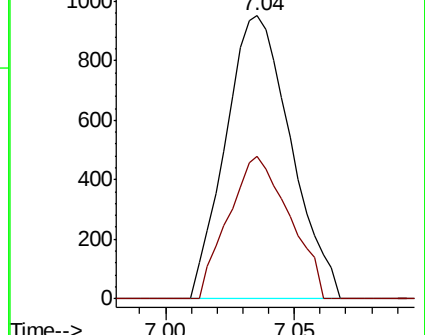
75 100

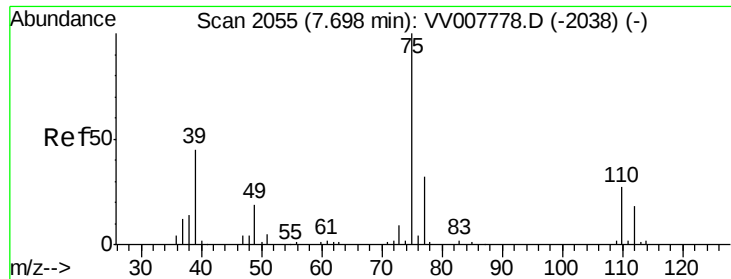
77 50.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-1840) (-)

Ion 77.00 (76.70 to 77.70): VV007778.D (-1840) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.700 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007798.D

Acq: 23 Sep 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

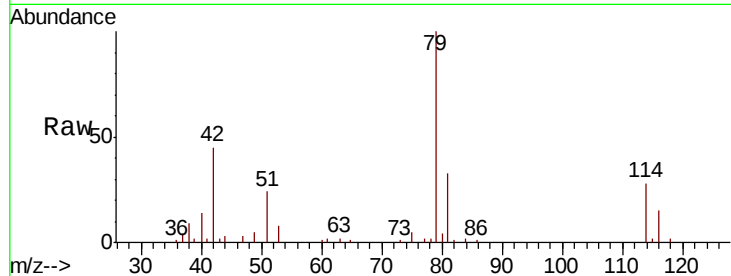
C0T15

Tgt Ion: 75 Resp: 1023

Ion Ratio Lower Upper

75 100

77 38.8 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-2038) (-)

Ion 77.00 (76.70 to 77.70): VV007778.D (-2038) (-)

7.67

600

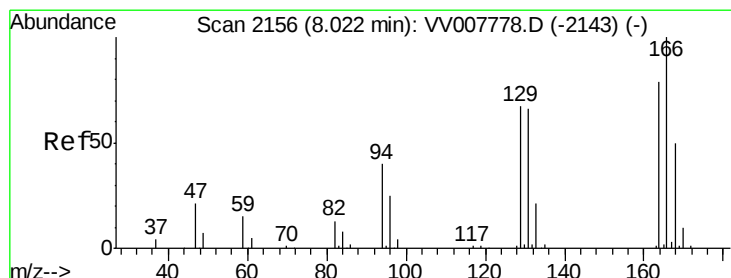
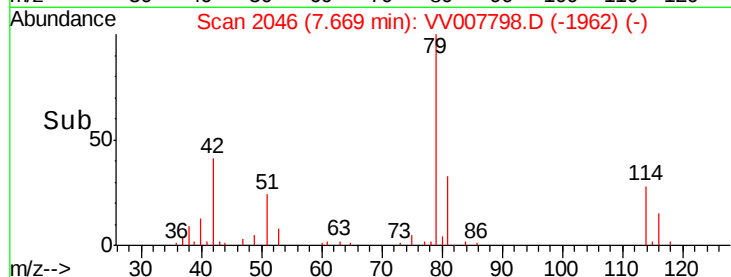
400

200

0

7.64 7.66 7.68 7.70

Time-->



#46

Tetrachloroethene

Concen: 76.255 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007798.D

Acq: 23 Sep 2018 19:16

Tgt Ion: 164 Resp: 87804

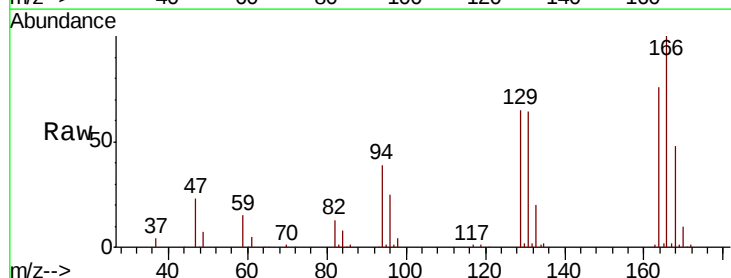
Ion Ratio Lower Upper

164 100

129 85.2 61.0 113.4

131 83.8 57.8 107.4

166 130.9 89.9 167.0



Abundance Ion 164.00 (163.70 to 164.70): VV007778.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV007778.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV007778.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV007778.D (-2143) (-)

8.02

100000

80000

60000

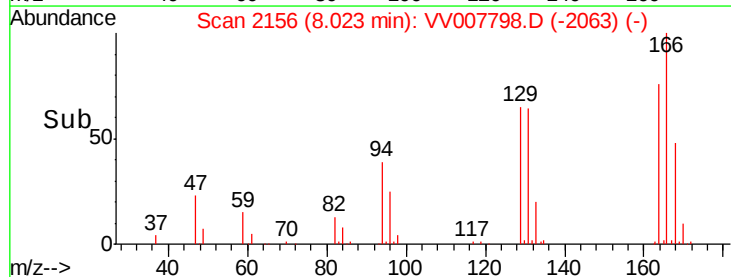
40000

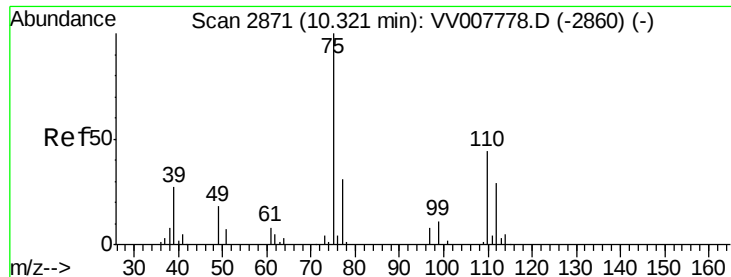
20000

0

7.95 8.00 8.05 8.10

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 6.034 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV007798.D
 Acq: 23 Sep 2018 19:16

Instrument :
 MSVOA_V
 ClientSampleId :
 COT15

Tgt Ion: 75 Resp: 8172
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.6 38.4

