

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007794.D
 Acq On : 23 Sep 2018 17:37
 Operator : SY/MD
 Sample : J5010-01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T07

Quant Time: Sep 24 07:22:50 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	196323	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35694	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.90%
7) Chloroethane-d5	1.59	69	38914	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.26%
11) 1,1-Dichloroethene-d2	2.14	63	74306	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	3.95	46	57699	81.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.88%
24) Chloroform-d	4.41	84	91838	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.09	65	63825	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.11	84	186469	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
36) 1,2-Dichloropropane-d6	6.13	67	56301	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.42%
41) Toluene-d8	7.36	98	192305	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.67	79	24996	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
47) 2-Hexanone-d5	8.14	63	45614	82.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83563	42.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	92078	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

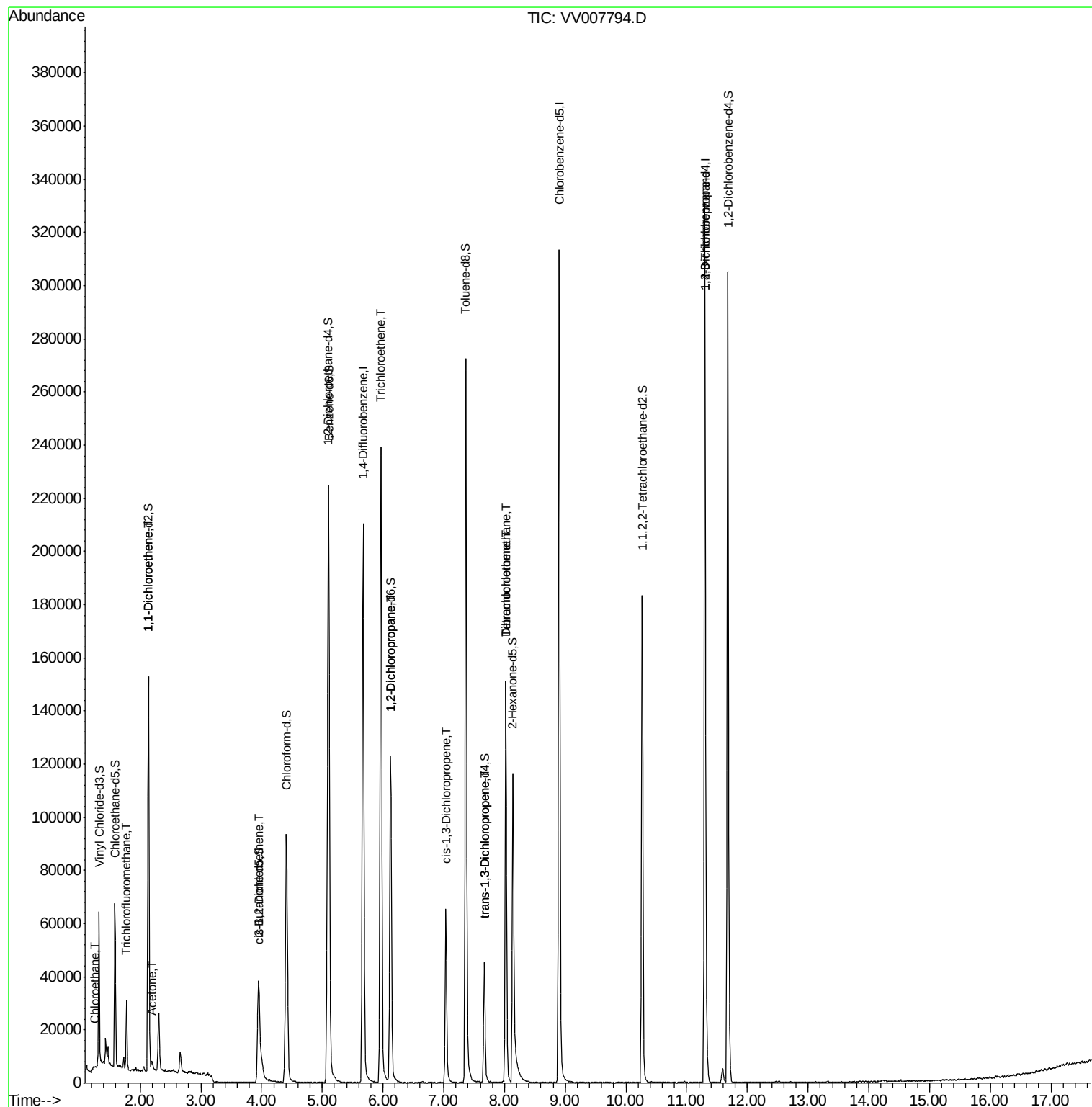
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.24	64	1674	1.973	ug/L #	43
9) Trichlorofluoromethane	1.78	101	14489	5.537	ug/L	100
12) 1,1-Dichloroethene	2.14	96	808	0.621	ug/L #	1
13) Acetone	2.19	43	1672	2.248	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	1892	1.436	ug/L	99
34) Trichloroethene	5.96	95	78362	59.632	ug/L	99
37) 1,2-Dichloropropane	6.13	63	7112	6.357	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1823	1.014	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1067	0.625	ug/L #	53
46) Tetrachloroethene	8.02	164	35164	26.146	ug/L	97
49) Dibromochloromethane	8.02	129	28479	19.965	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	9951	6.290	ug/L #	87

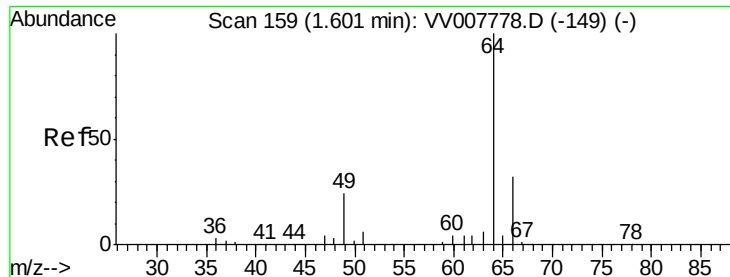
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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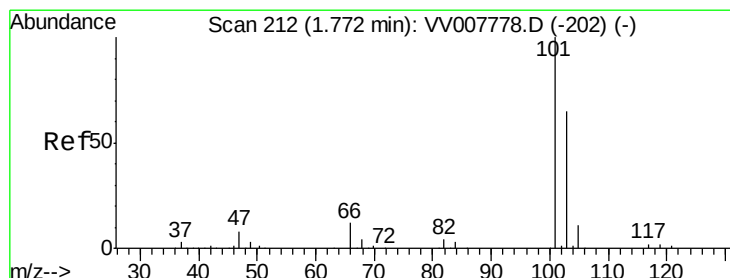
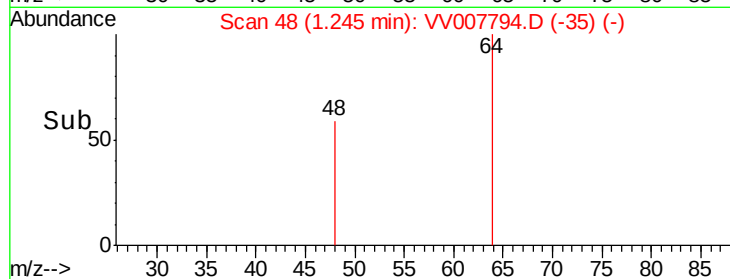
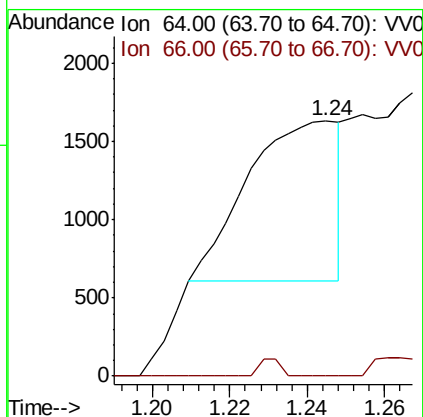
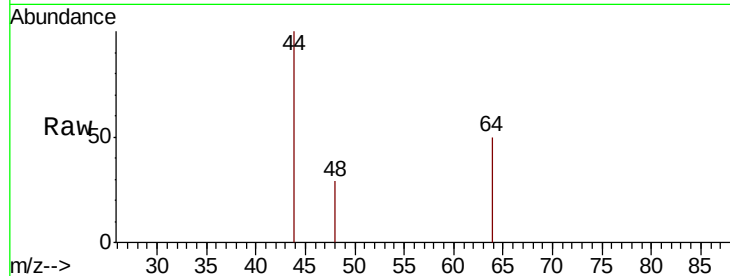




#8
Chloroethane
Concen: 1.973 ug/L
RT: 1.24 min Scan# 48
Delta R.T. -0.36 min
Lab File: VV007794.D
Acq: 23 Sep 2018 17:37

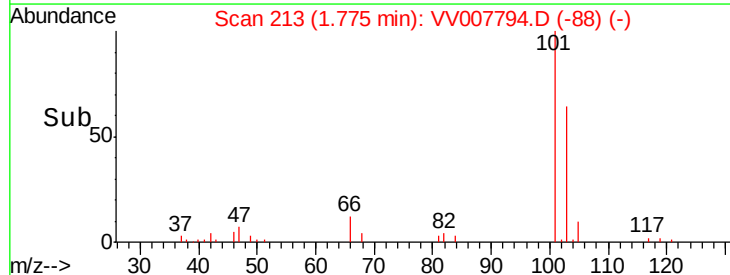
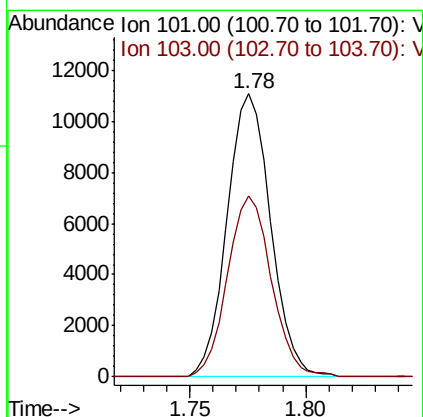
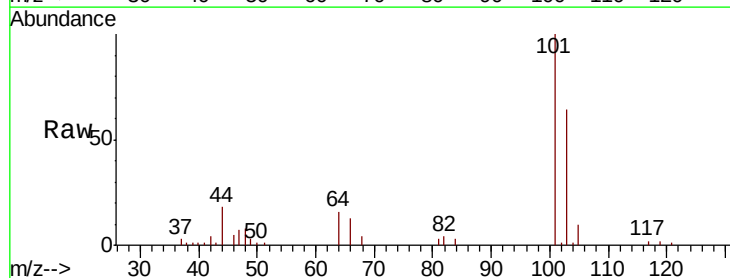
Instrument :
MSVOA_V
ClientSampleId :
C0T07

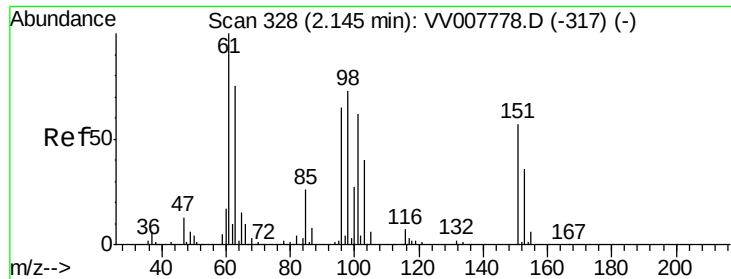
Tgt Ion: 64 Resp: 1674
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#9
Trichlorofluoromethane
Concen: 5.537 ug/L
RT: 1.78 min Scan# 213
Delta R.T. 0.00 min
Lab File: VV007794.D
Acq: 23 Sep 2018 17:37

Tgt Ion: 101 Resp: 14489
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

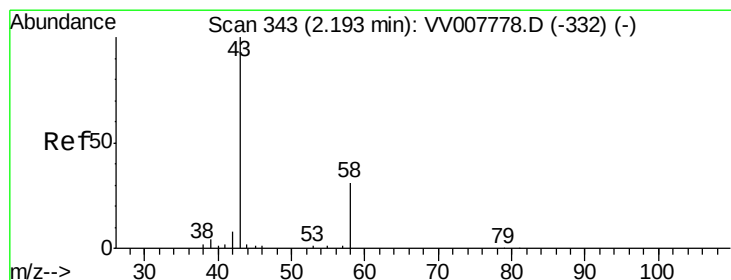
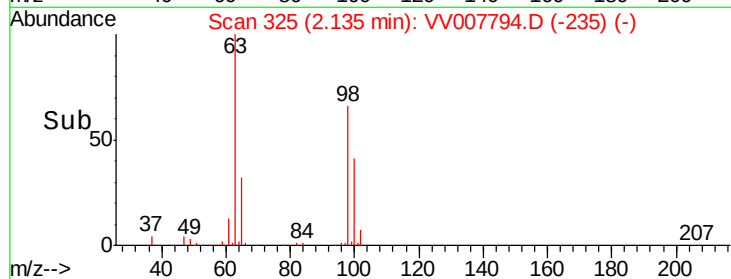
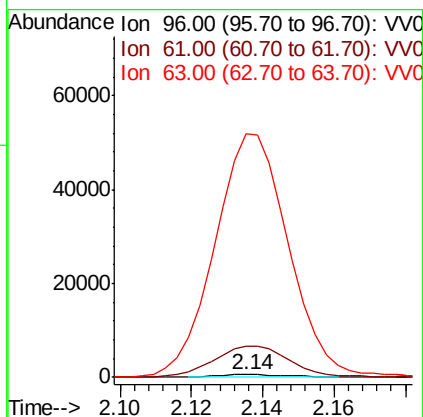
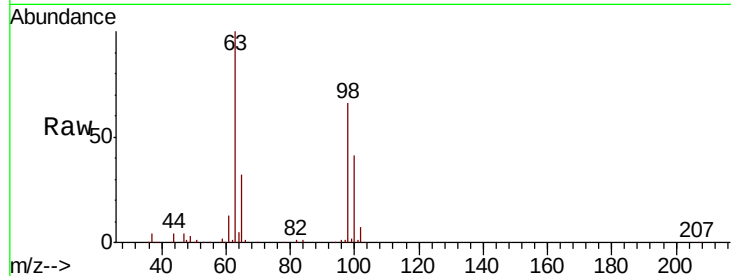




#12
 1,1-Dichloroethene
 Concen: 0.621 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

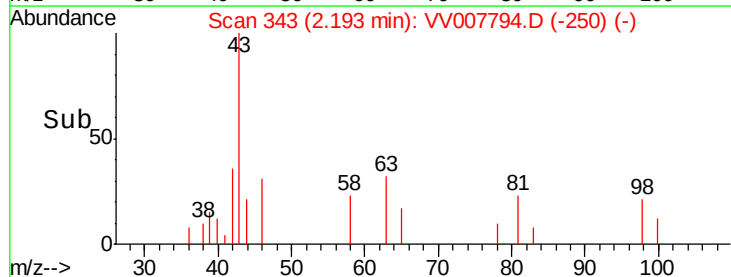
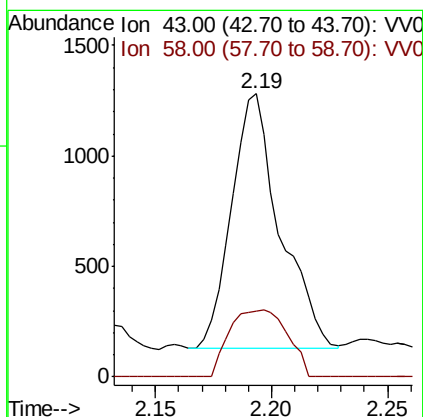
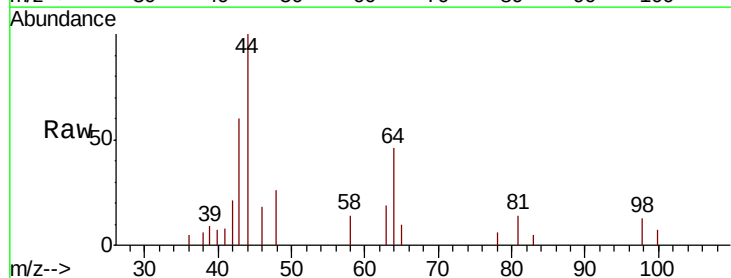
Instrument :
 MSVOA_V
 ClientSampled :
 C0T07

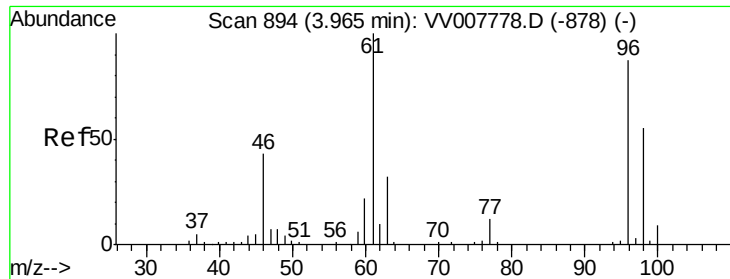
Tgt Ion: 96 Resp: 808
 Ion Ratio Lower Upper
 96 100
 61 1216.3 107.3 199.3#
 63 9394.2 78.8 146.4#



#13
 Acetone
 Concen: 2.248 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

Tgt Ion: 43 Resp: 1672
 Ion Ratio Lower Upper
 43 100
 58 31.3 0.0 65.2

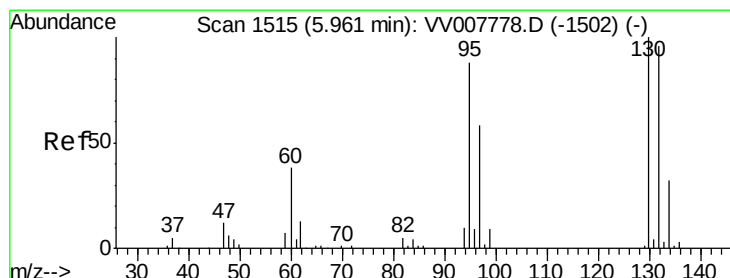
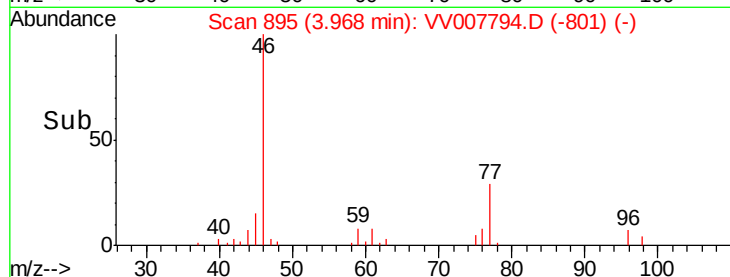
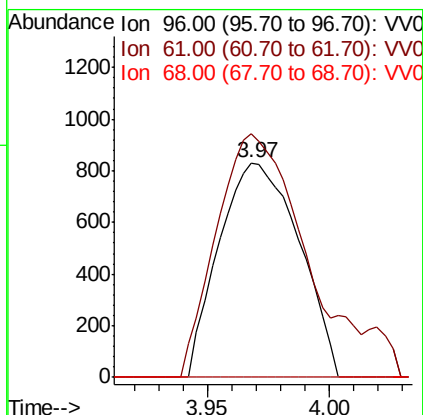
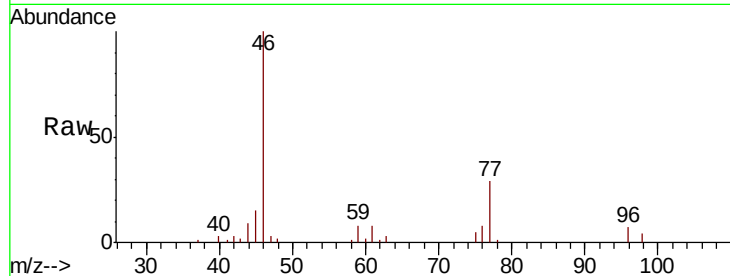




#20
 cis-1,2-Dichloroethene
 Concen: 1.436 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

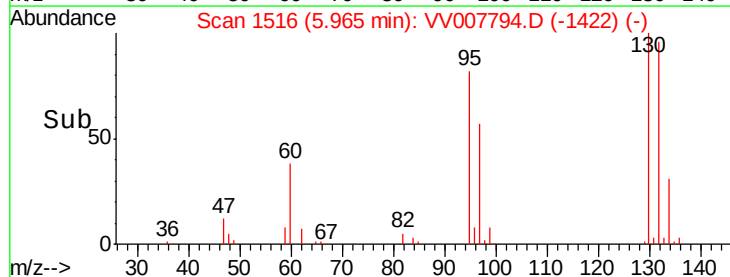
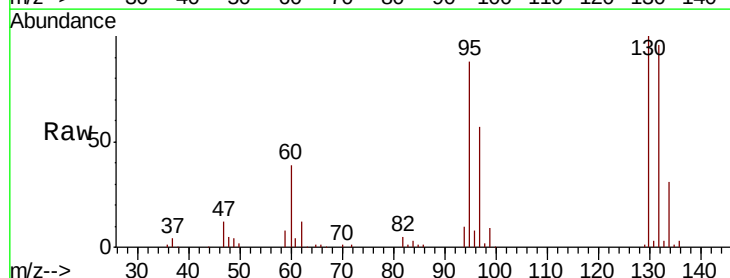
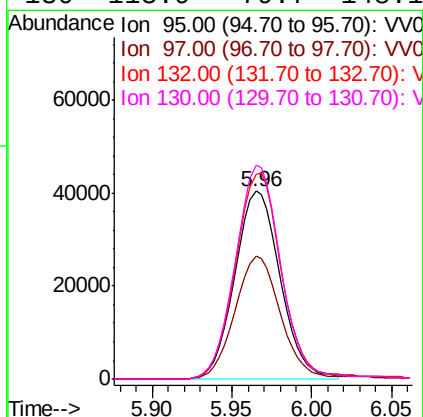
Instrument :
 MSVOA_V
 ClientSampleId :
 C0T07

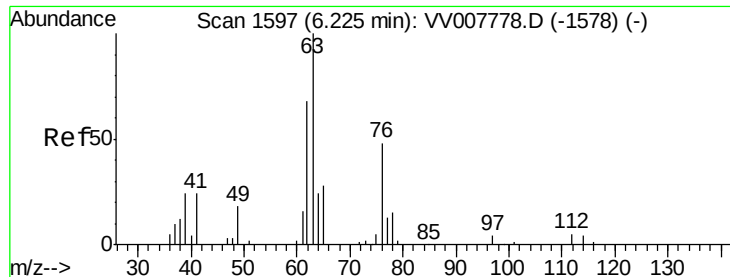
Tgt Ion: 96 Resp: 1892
 Ion Ratio Lower Upper
 96 100
 61 113.3 78.8 146.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 59.632 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

Tgt Ion: 95 Resp: 78362
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.2 84.0
 132 109.2 77.7 144.3
 130 113.9 79.7 148.1

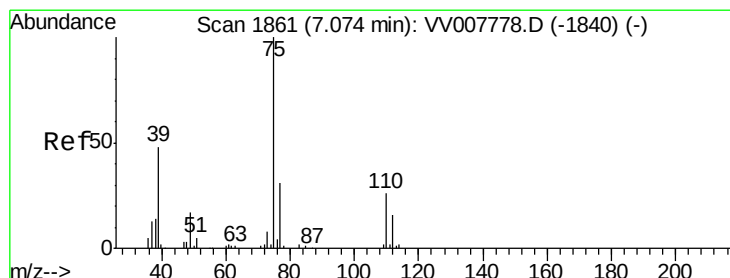
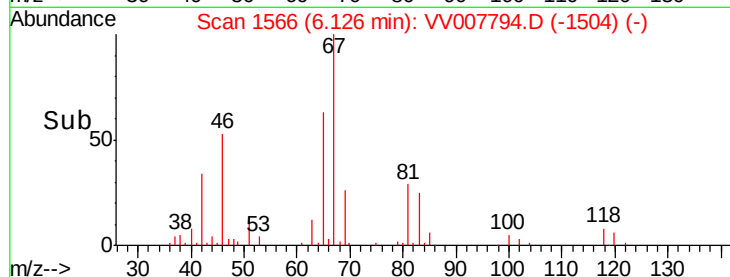
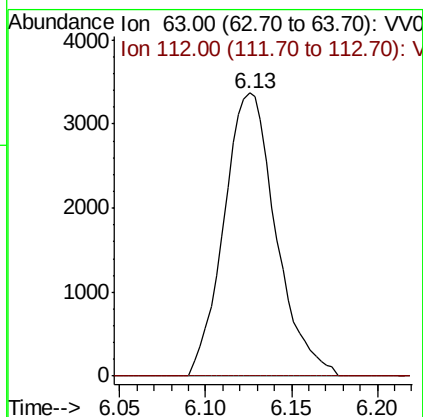
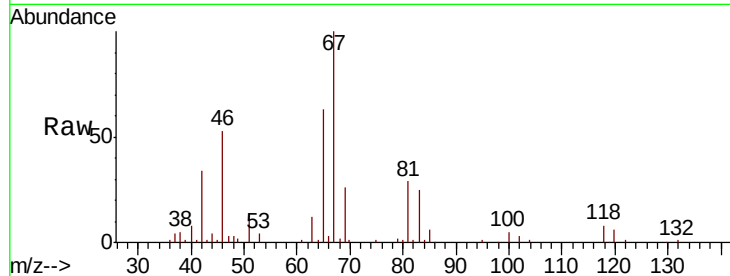




#37
 1,2-Dichloropropane
 Concen: 6.357 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

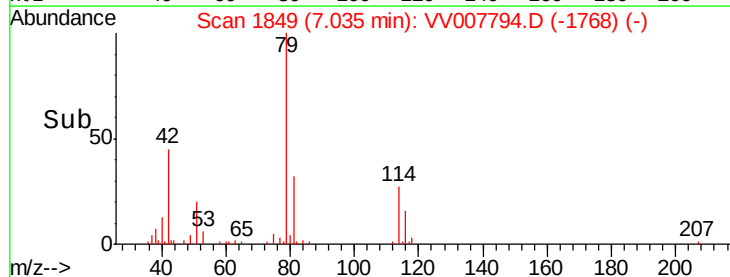
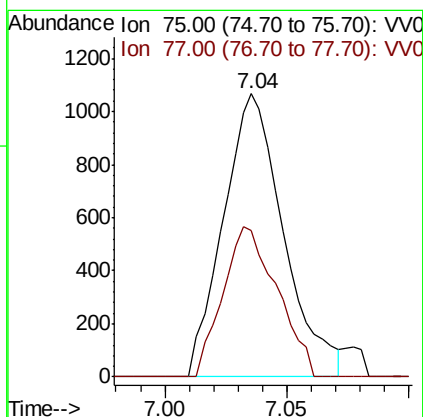
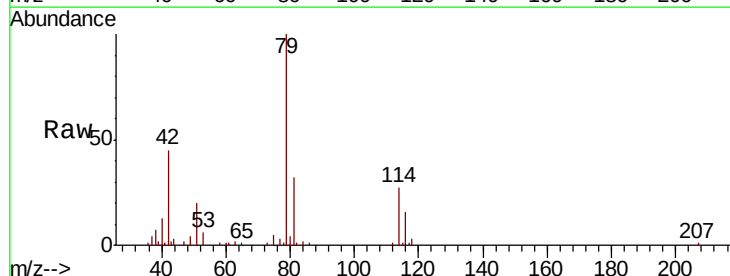
Instrument :
 MSVOA_V
 ClientSampled :
 C0T07

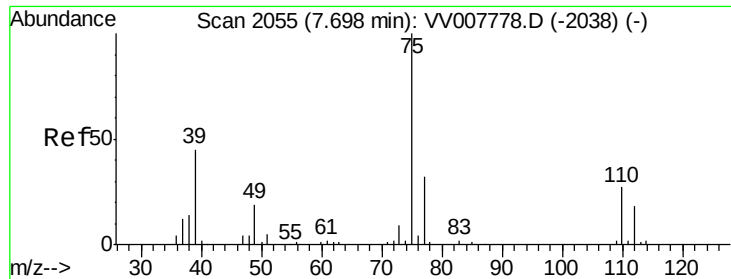
Tgt Ion: 63 Resp: 7112
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007794.D
 Acq: 23 Sep 2018 17:37

Tgt Ion: 75 Resp: 1823
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.625 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007794.D

Acq: 23 Sep 2018 17:37

Instrument :

MSVOA_V

ClientSampleId :

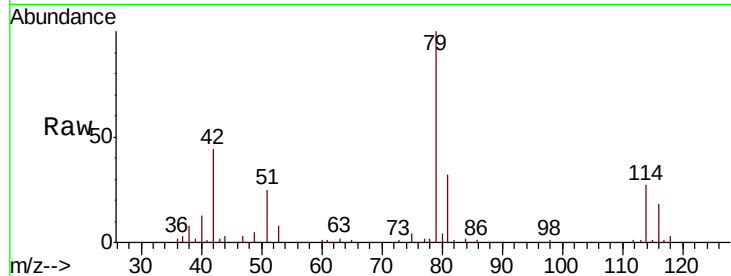
C0T07

Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 57.3 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

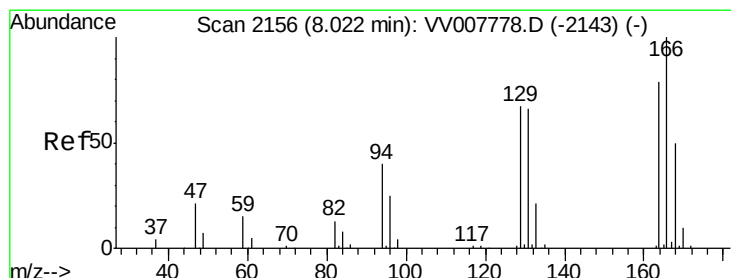
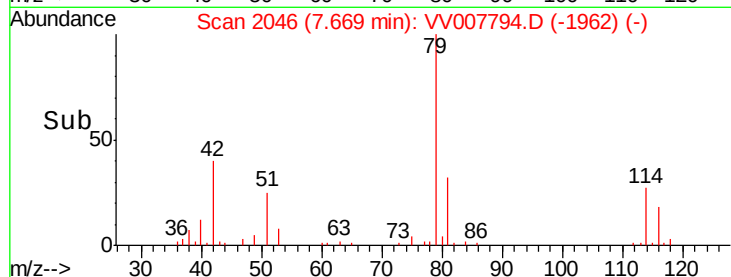
400

200

0

7.64 7.66 7.68 7.70

Time-->



#46

Tetrachloroethene

Concen: 26.146 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007794.D

Acq: 23 Sep 2018 17:37

Tgt Ion: 164 Resp: 35164

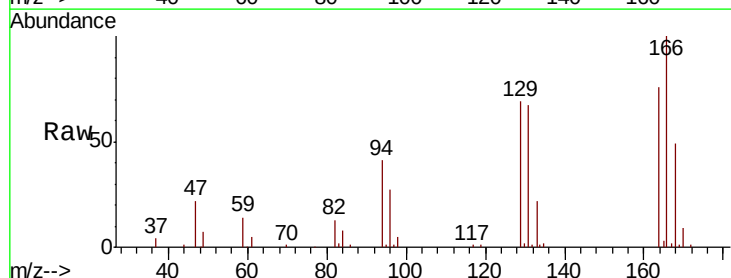
Ion Ratio Lower Upper

164 100

129 90.0 61.0 113.4

131 88.1 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

40000

30000

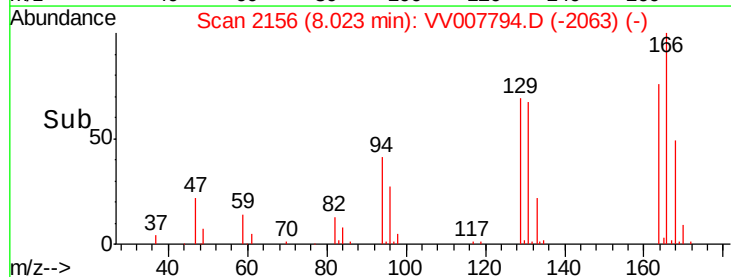
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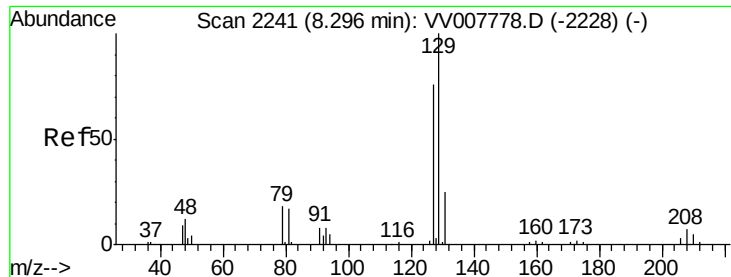
10000

0

7.95 8.00 8.05 8.10

Time-->





#49

Dibromochloromethane

Concen: 19.965 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV007794.D

Acq: 23 Sep 2018 17:37

Instrument :

MSVOA_V

ClientSampleId :

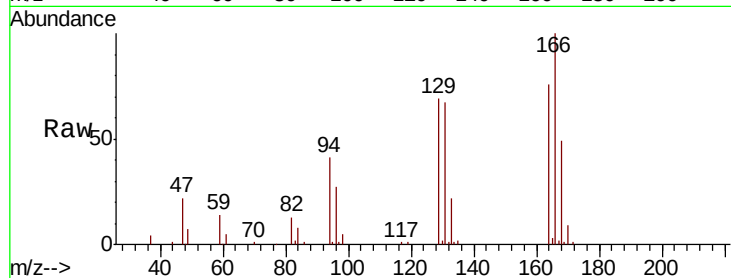
C0T07

Tgt Ion:129 Resp: 28479

Ion Ratio Lower Upper

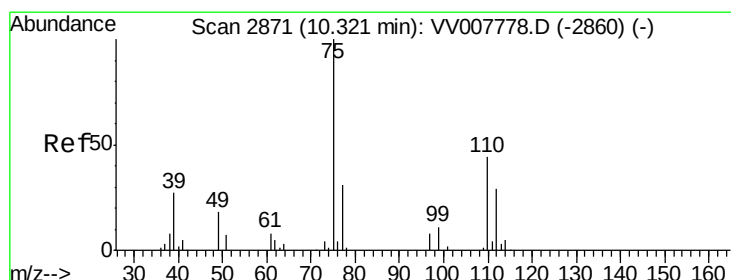
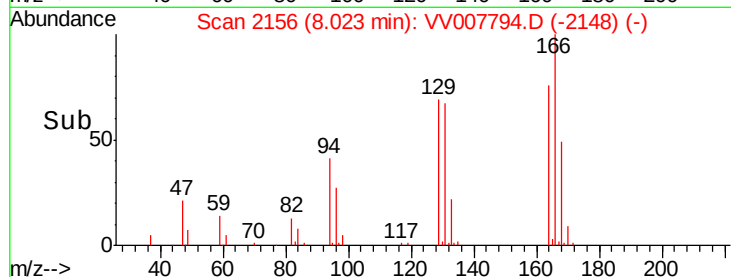
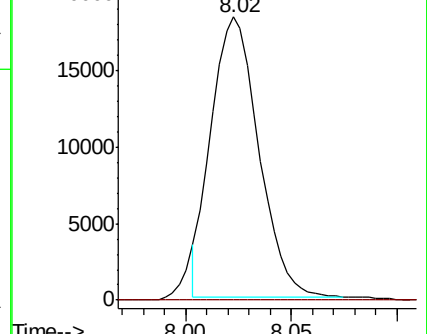
129 100

127 0.0 54.0 100.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.290 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007794.D

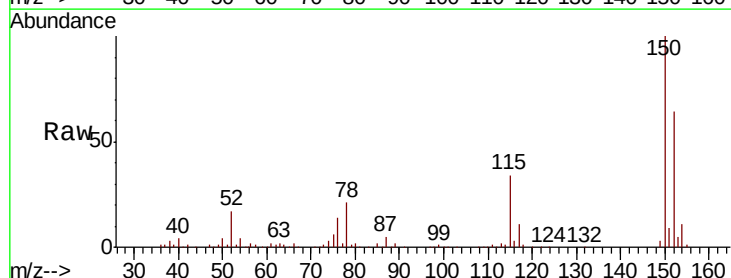
Acq: 23 Sep 2018 17:37

Tgt Ion: 75 Resp: 9951

Ion Ratio Lower Upper

75 100

77 39.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

