

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007796.D
 Acq On : 23 Sep 2018 18:27
 Operator : SY/MD
 Sample : J5010-07
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T13

Quant Time: Sep 24 07:23:03 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	107858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23006	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.48%
7) Chloroethane-d5	1.59	69	25623	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	46190	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.84%
21) 2-Butanone-d5	3.95	46	40629	104.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.41	84	56879	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.09	65	38652	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.11	84	114101	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.13	67	33999	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.36	98	113161	45.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.42%
43) trans-1,3-Dichloropropene-	7.67	79	13702	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
47) 2-Hexanone-d5	8.14	63	27320	87.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.71%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	51682	46.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	51926	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

Target Compounds

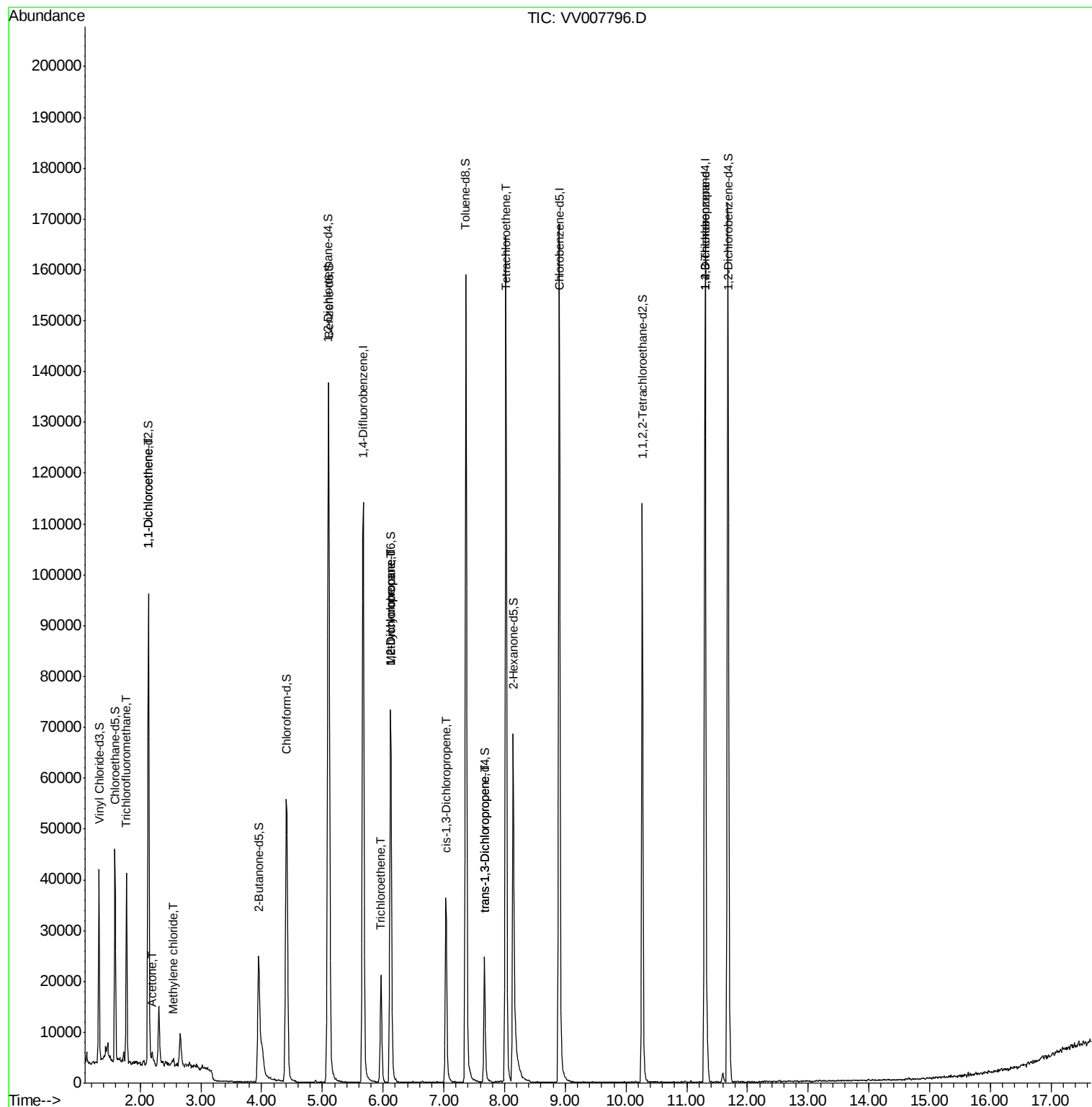
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.78	101	21318	14.827	ug/L	100
12) 1,1-Dichloroethene	2.14	96	403	0.563	ug/L #	1
13) Acetone	2.19	43	896	2.193	ug/L	91
16) Methylene chloride	2.55	84	441	0.562	ug/L	86
34) Trichloroethene	5.97	95	7079	9.590	ug/L	94
35) Methylcyclohexane	6.13	83	8552	7.564	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4067	6.472	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1003	0.993	ug/L #	77
44) trans-1,3-Dichloropropene	7.67	75	690	0.719	ug/L #	65
46) Tetrachloroethene	8.02	164	39724	52.579	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	5251	5.909	ug/L #	83

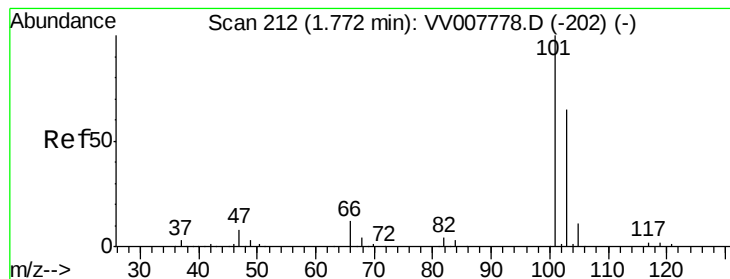
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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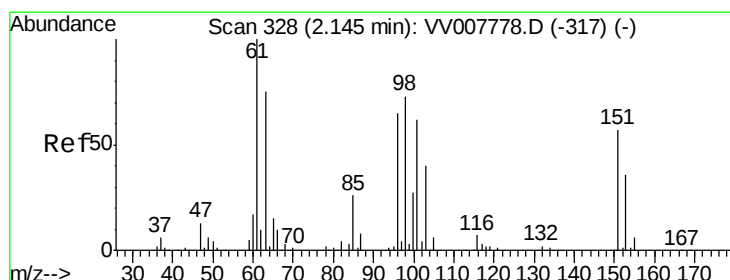
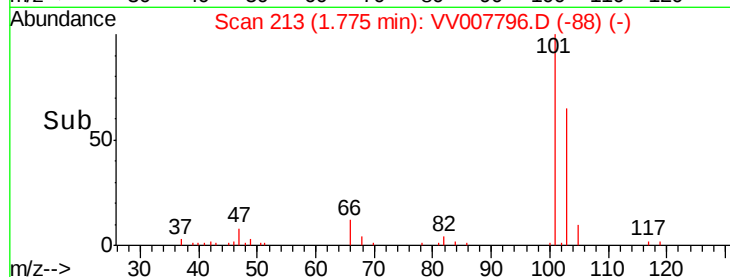
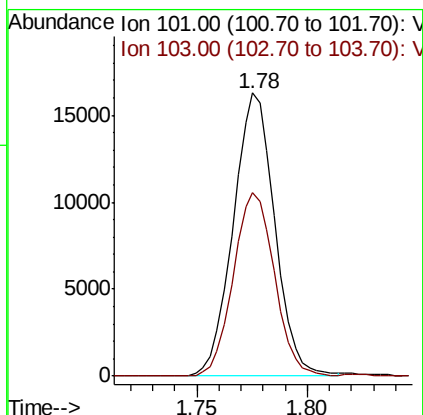
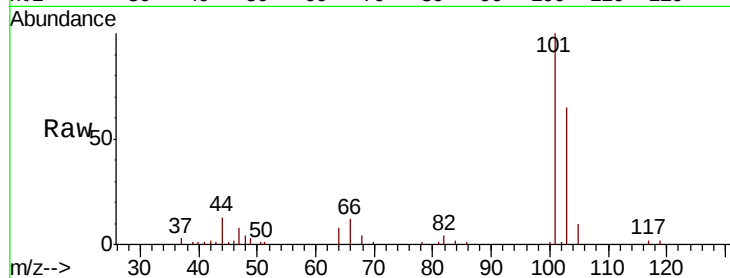


#9

Trichlorofluoromethane
Concen: 14.827 ug/L
RT: 1.78 min Scan# 213
Delta R.T. 0.00 min
Lab File: VV007796.D
Acq: 23 Sep 2018 18:27

Instrument :
MSVOA_V
ClientSampleId :
COT13

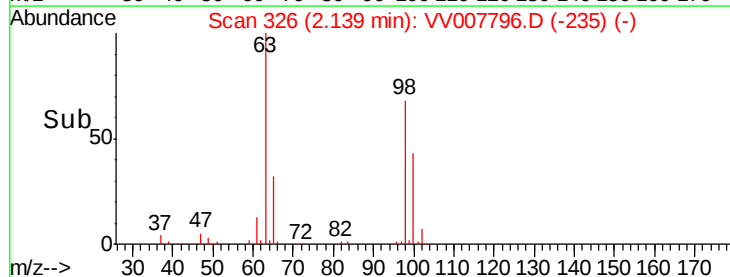
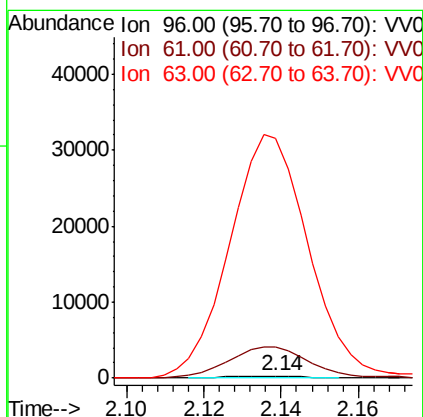
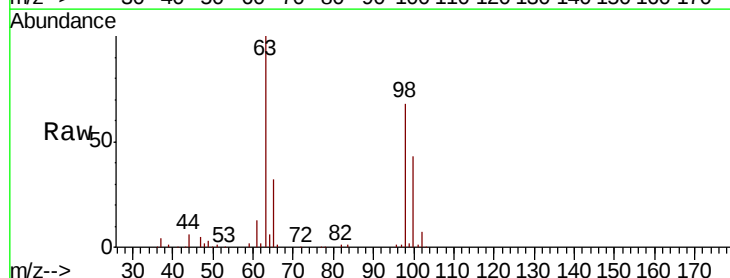
Tgt Ion:101 Resp: 21318
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

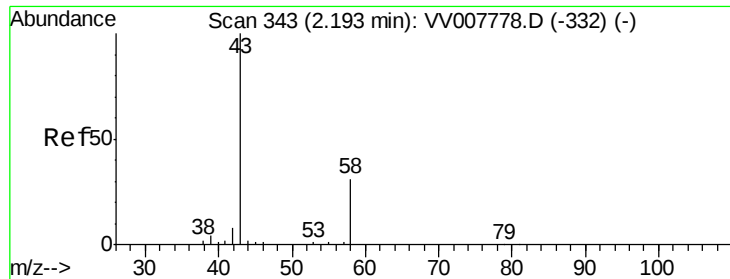


#12

1,1-Dichloroethene
Concen: 0.563 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007796.D
Acq: 23 Sep 2018 18:27

Tgt Ion: 96 Resp: 403
Ion Ratio Lower Upper
96 100
61 1391.2 107.3 199.3#
63 10681.1 78.8 146.4#





#13

Acetone

Concen: 2.193 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

Instrument :

MSVOA_V

ClientSampled :

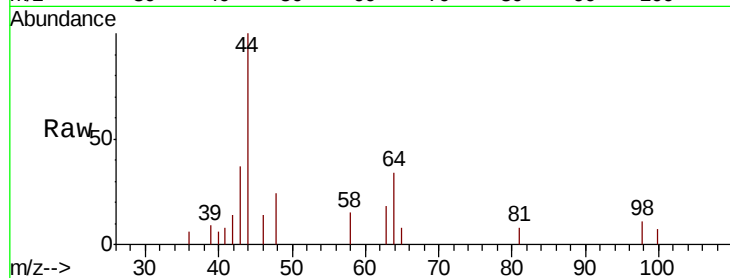
COT13

Tgt Ion: 43 Resp: 896

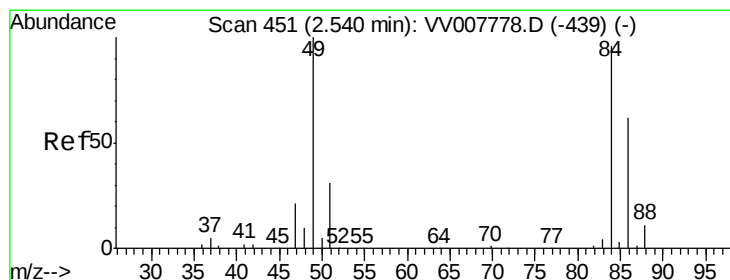
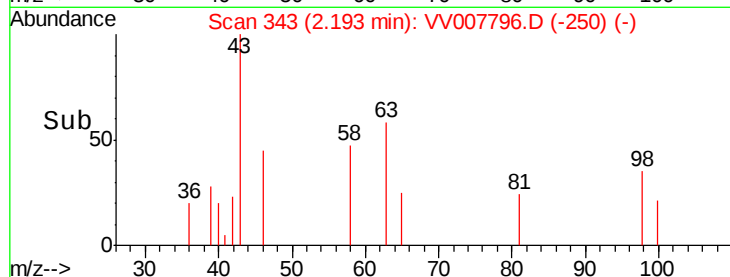
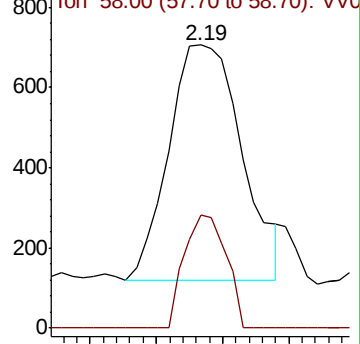
Ion Ratio Lower Upper

43 100

58 27.7 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007778.D (-332) (-)



#16

Methylene chloride

Concen: 0.562 ug/L

RT: 2.55 min Scan# 453

Delta R.T. 0.01 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

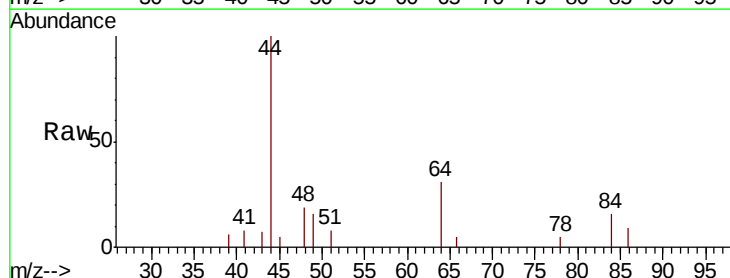
Tgt Ion: 84 Resp: 441

Ion Ratio Lower Upper

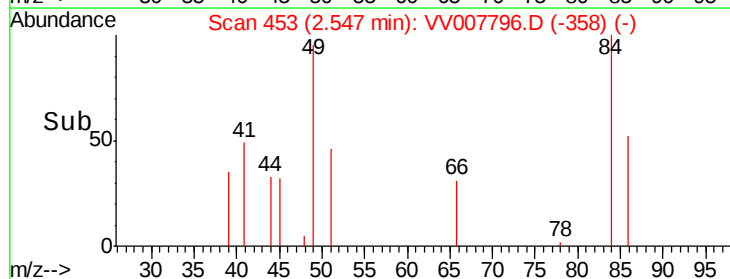
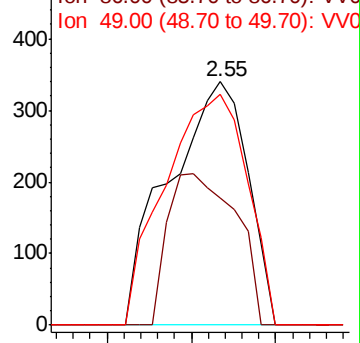
84 100

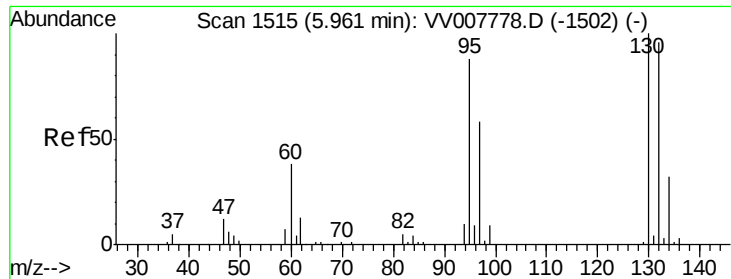
86 52.1 45.4 84.4

49 94.7 75.3 139.9



Abundance Ion 84.00 (83.70 to 84.70): VV007778.D (-439) (-)





#34

Trichloroethene

Concen: 9.590 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

Instrument :

MSVOA_V

ClientSampleId :

C0T13

Tgt Ion: 95 Resp: 7079

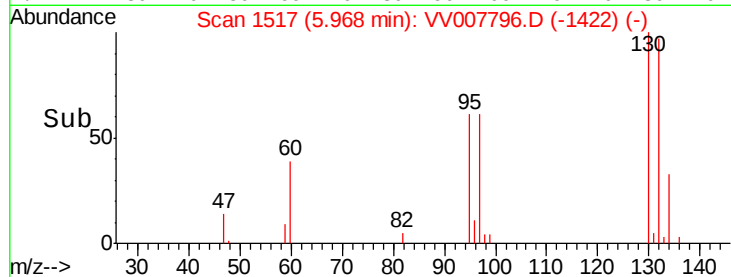
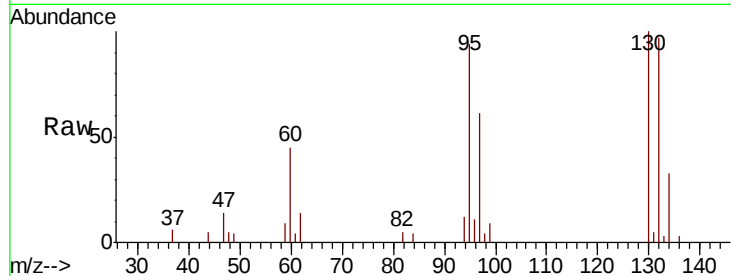
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 103.3 77.7 144.3

130 106.0 79.7 148.1

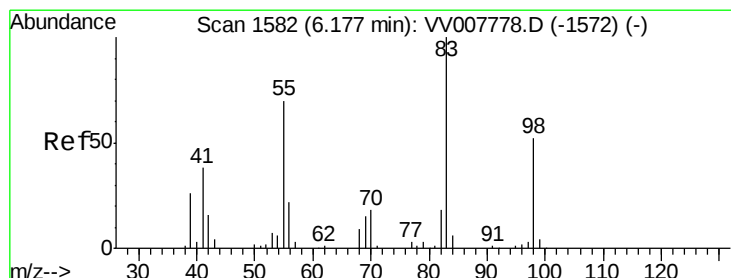
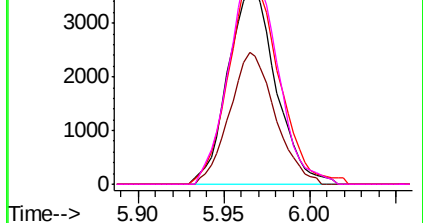


Abundance Ion 95.00 (94.70 to 95.70): VV007778.D (-1502) (-)

Ion 97.00 (96.70 to 97.70): VV007778.D (-1502) (-)

Ion 132.00 (131.70 to 132.70): VV007778.D (-1502) (-)

Ion 130.00 (129.70 to 130.70): VV007778.D (-1502) (-)



#35

Methylcyclohexane

Concen: 7.564 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

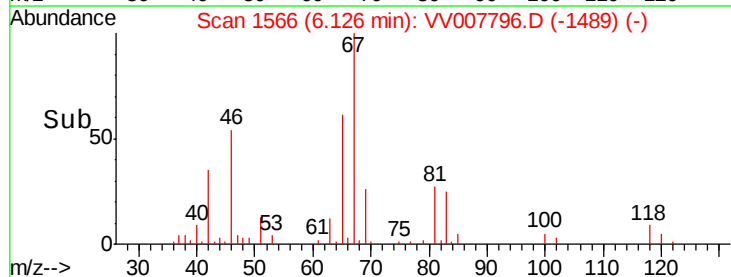
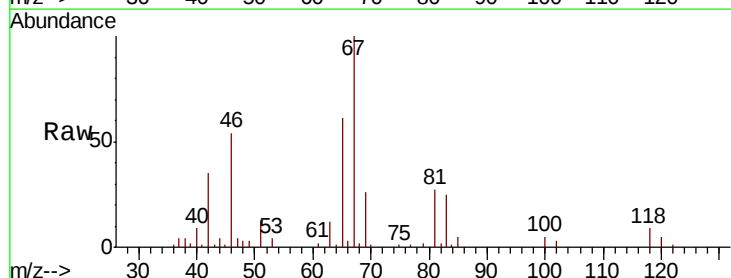
Tgt Ion: 83 Resp: 8552

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

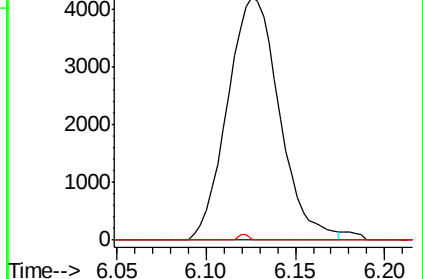
98 0.5 39.0 58.6#

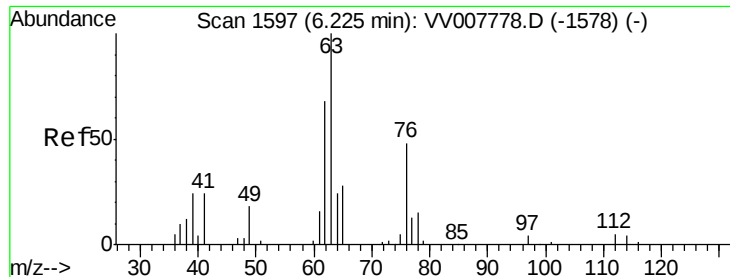


Abundance Ion 83.00 (82.70 to 83.70): VV007778.D (-1572) (-)

Ion 55.00 (54.70 to 55.70): VV007778.D (-1572) (-)

Ion 98.00 (97.70 to 98.70): VV007778.D (-1572) (-)

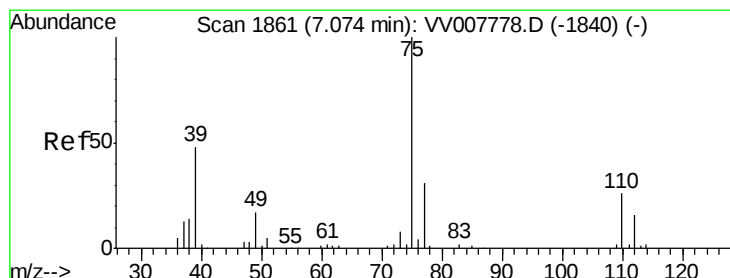
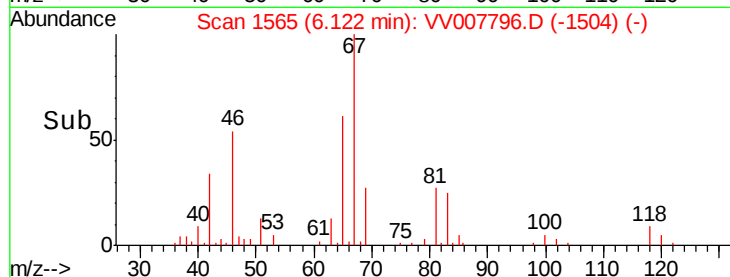
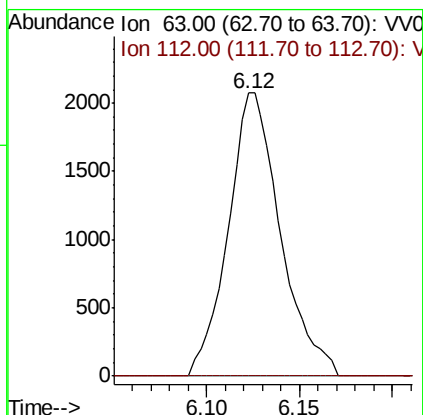
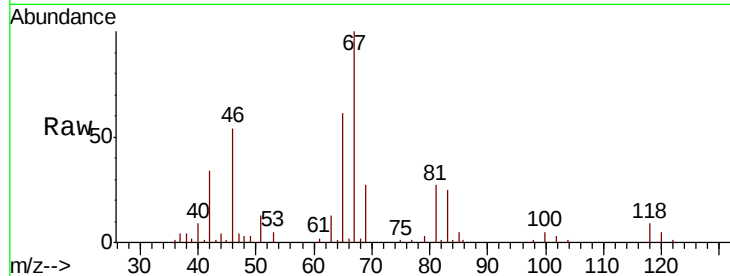




#37
 1,2-Dichloropropane
 Concen: 6.472 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007796.D
 Acq: 23 Sep 2018 18:27

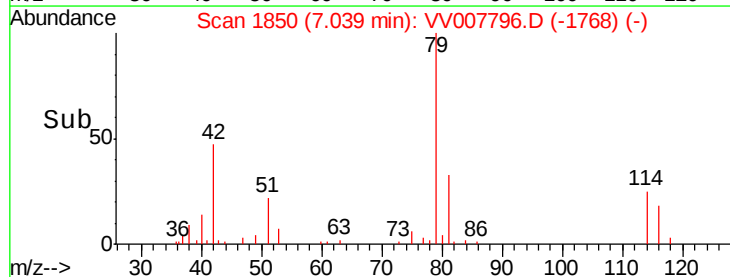
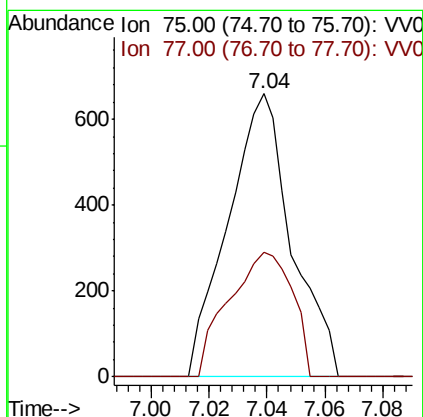
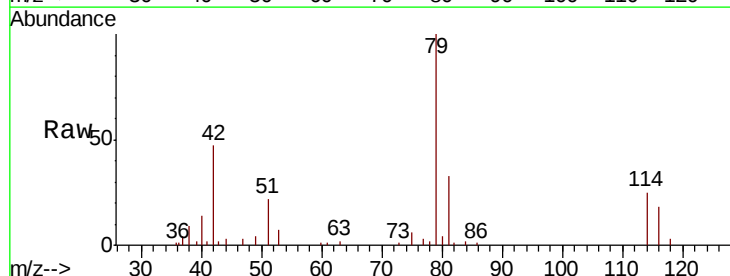
Instrument :
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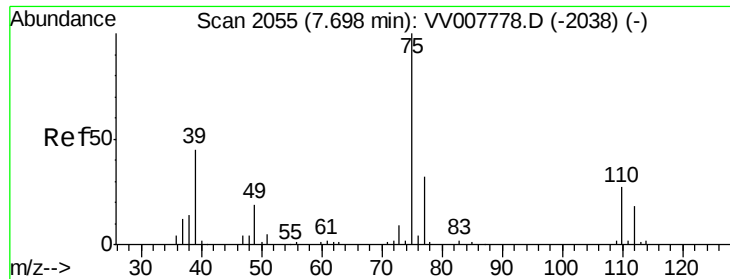
Tgt Ion: 63 Resp: 4067
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.993 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007796.D
 Acq: 23 Sep 2018 18:27

Tgt Ion: 75 Resp: 1003
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

Instrument :

MSVOA_V

ClientSampleId :

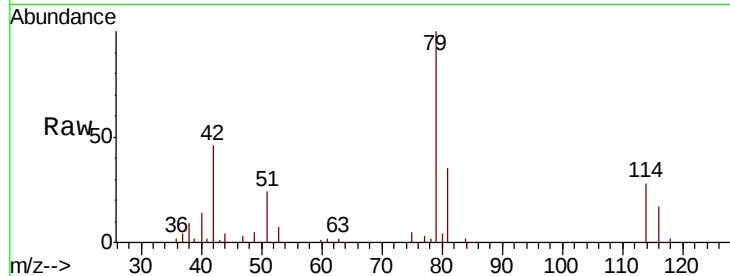
C0T13

Tgt Ion: 75 Resp: 690

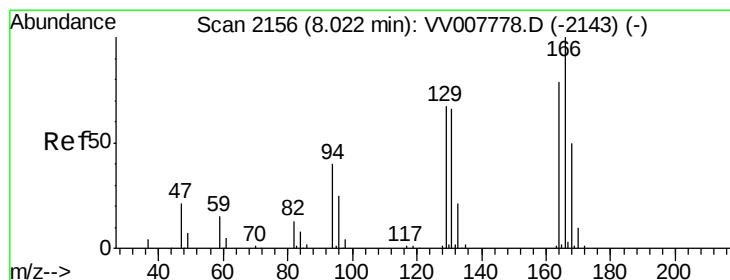
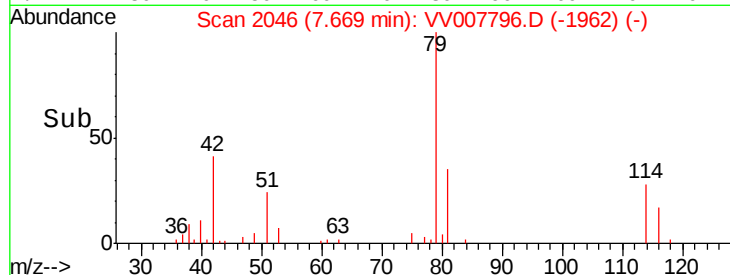
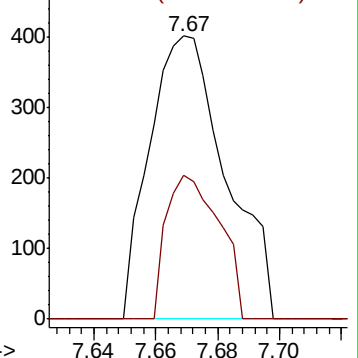
Ion Ratio Lower Upper

75 100

77 50.6 22.0 40.8#



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



#46

Tetrachloroethene

Concen: 52.579 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

Tgt Ion: 164 Resp: 39724

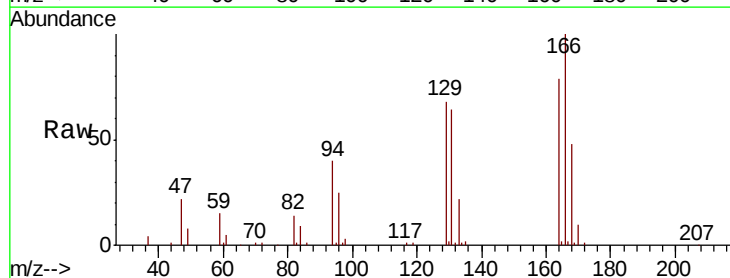
Ion Ratio Lower Upper

164 100

129 86.1 61.0 113.4

131 81.5 57.8 107.4

166 127.3 89.9 167.0

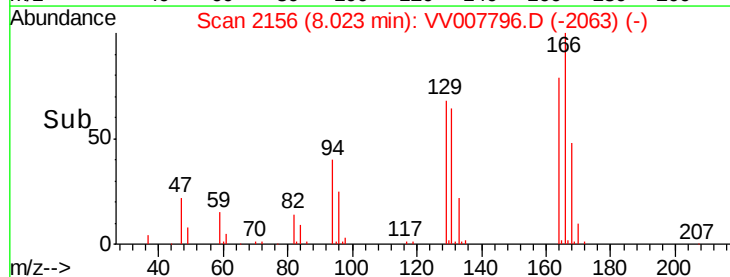
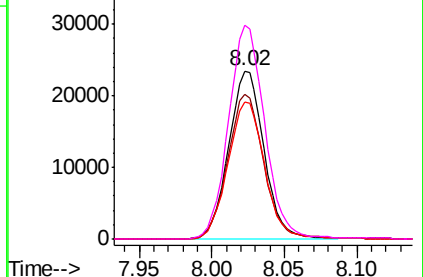


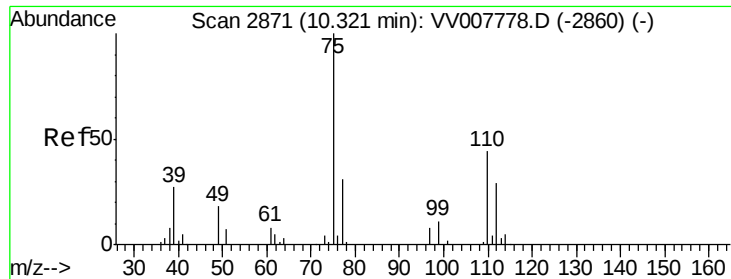
Abundance Ion 164.00 (163.70 to 164.70): VV007778.D (-2143) (-)

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) (-)





#59

1,2,3-Trichloropropane

Concen: 5.909 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007796.D

Acq: 23 Sep 2018 18:27

Instrument :

MSVOA_V

ClientSampleId :

C0T13

Tgt Ion: 75 Resp: 5251

Ion Ratio Lower Upper

75 100

77 41.6 25.6 38.4#

