

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007765.D
 Acq On : 23 Sep 2018 04:40
 Operator : SY/MD
 Sample : J5013-05
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T7

Quant Time: Sep 24 05:16:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	183075	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177446	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44923	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.30%
7) Chloroethane-d5	1.59	69	45099	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.76%
11) 1,1-Dichloroethene-d2	2.14	63	86003	36.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.32%
21) 2-Butanone-d5	3.95	46	42618	64.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.85%
24) Chloroform-d	4.41	84	93186	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.09	65	65976	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.11	84	195852	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
36) 1,2-Dichloropropane-d6	6.13	67	56788	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.30%
41) Toluene-d8	7.36	98	200191	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.67	79	24828	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.14	63	43093	81.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83899	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	91919	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

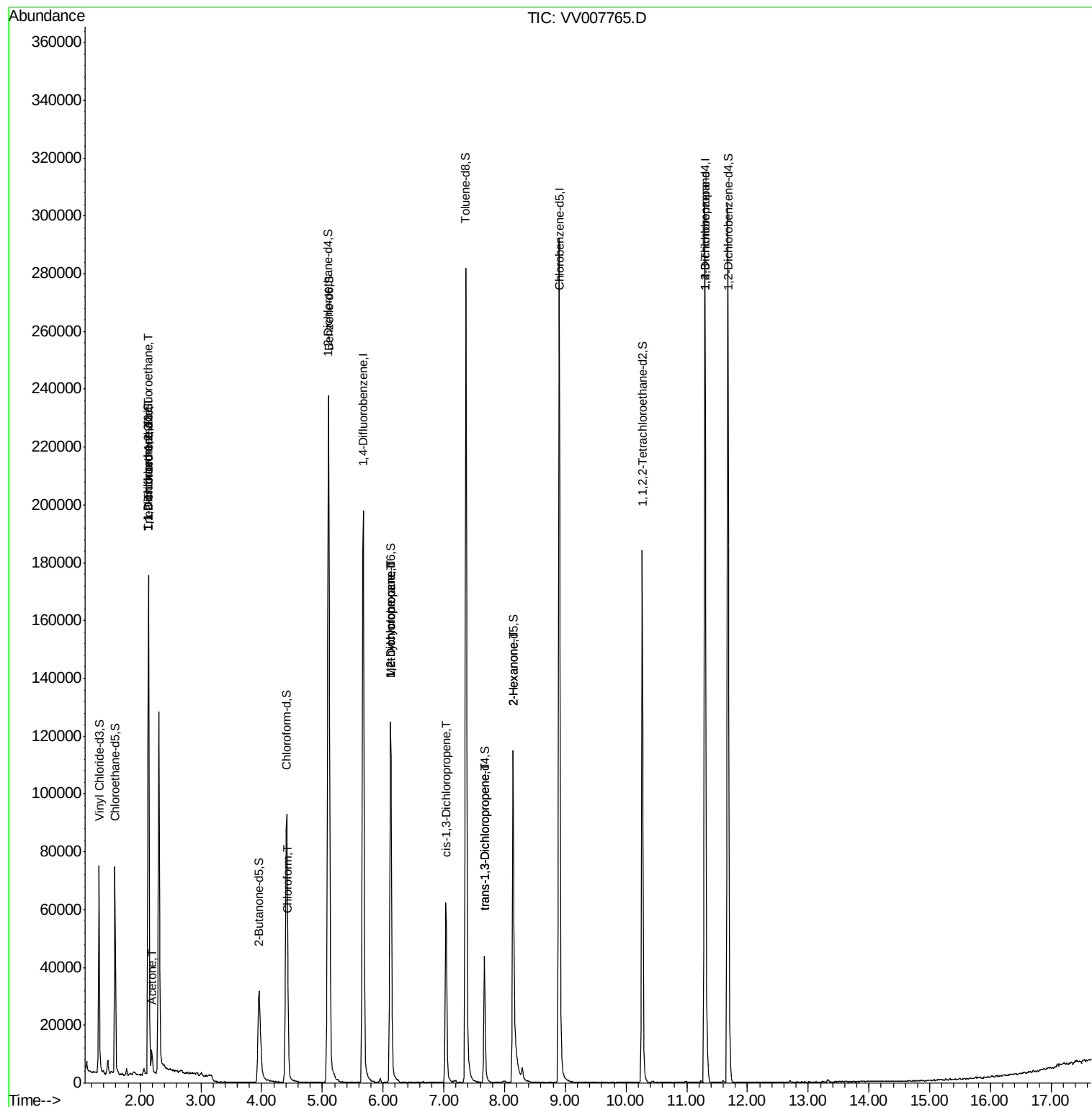
					Qvalue
9) Trichlorofluoromethane	2.14	101	919	0.377 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	919	0.664 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	777	0.640 ug/L #	1
13) Acetone	2.19	43	5082	7.328 ug/L	98
25) Chloroform	4.44	83	4714	2.298 ug/L	99
35) Methylcyclohexane	6.12	83	15268	7.930 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	7164	6.694 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1722	1.001 ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	1290	0.790 ug/L	92
48) 2-Hexanone	8.14	43	5731	5.257 ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	9452	6.246 ug/L	91

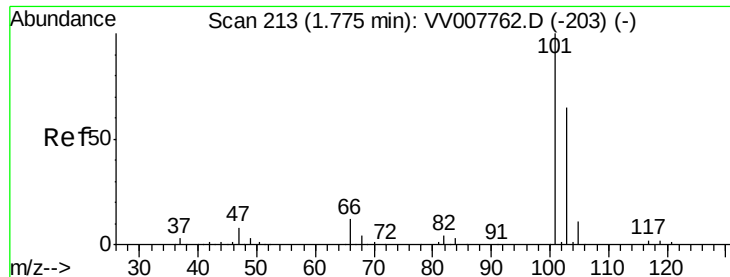
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.377 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.36 min

Lab File: VV007765.D

Acq: 23 Sep 2018 04:40

Instrument :

MSVOA_V

ClientSampleId :

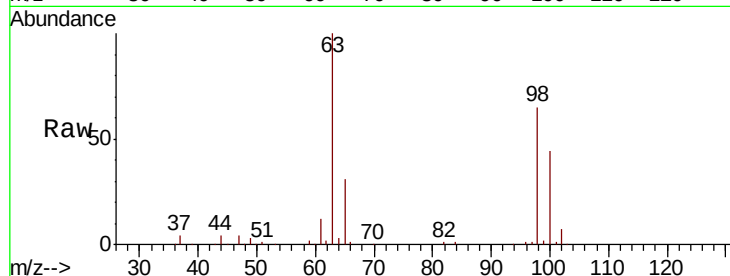
C08T7

Tgt Ion:101 Resp: 919

Ion Ratio Lower Upper

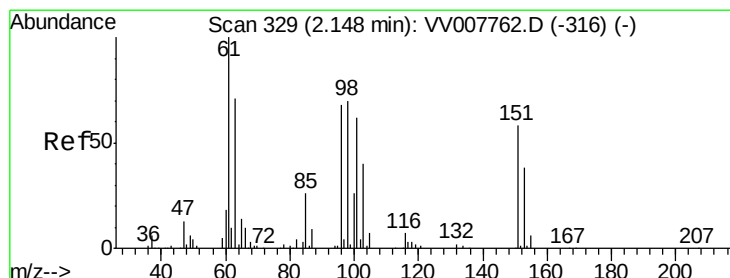
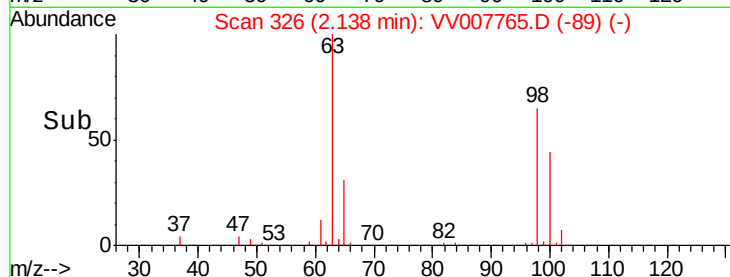
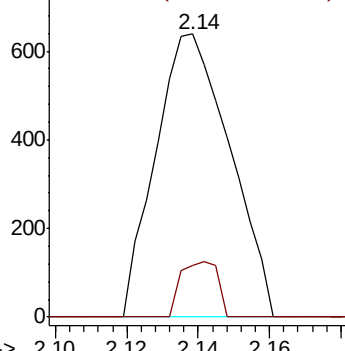
101 100

103 9.7 51.4 77.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007765.D

Acq: 23 Sep 2018 04:40

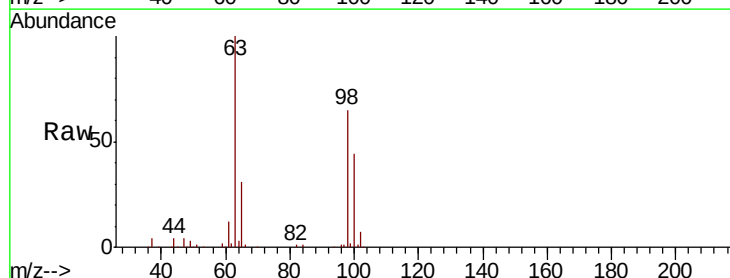
Tgt Ion:101 Resp: 919

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

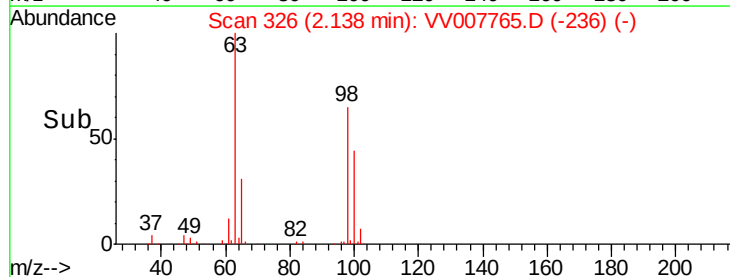
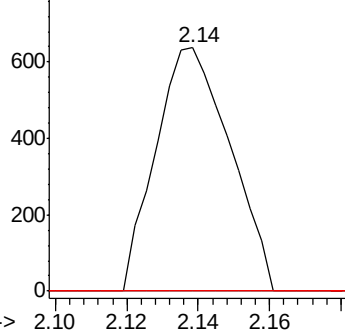
151 0.0 72.2 108.2#

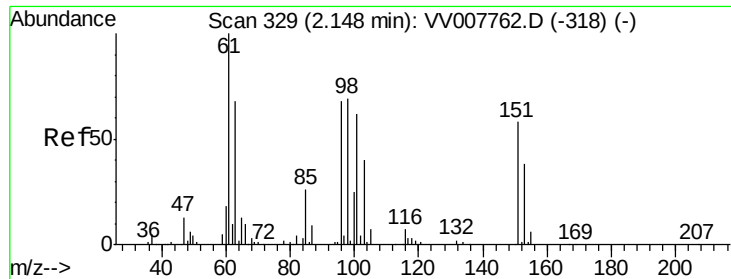


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

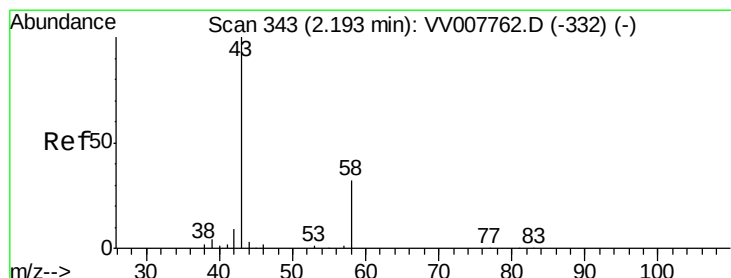
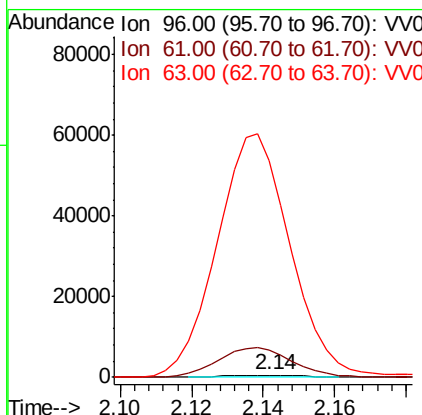
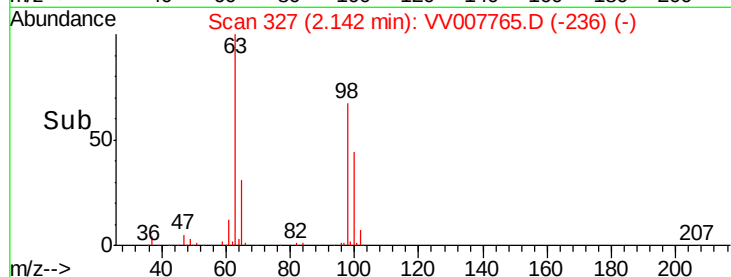
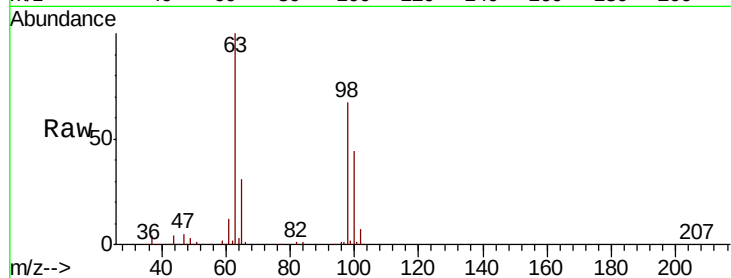




#12
 1,1-Dichloroethene
 Concen: 0.640 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VV007765.D
 Acq: 23 Sep 2018 04:40

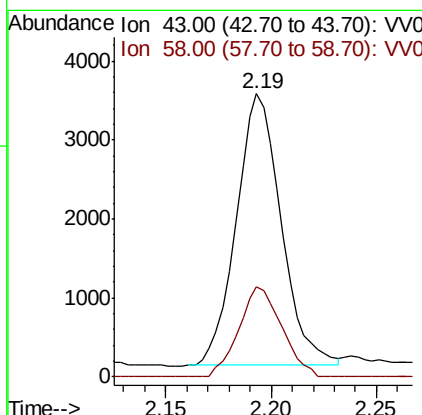
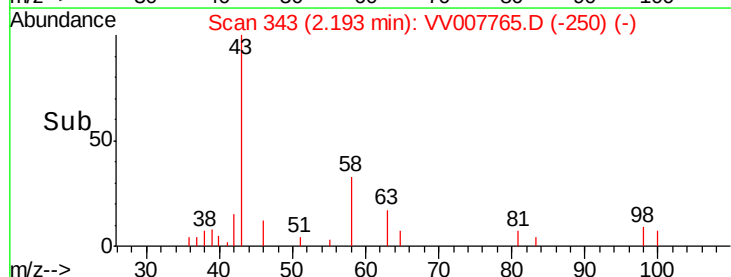
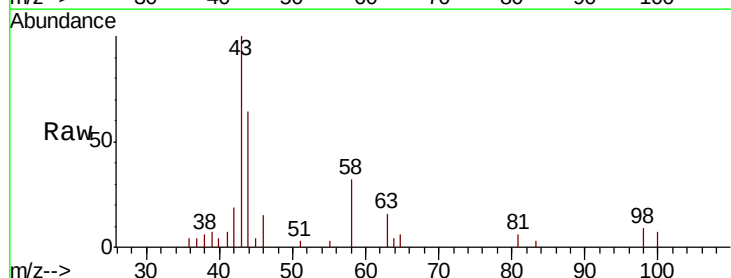
Instrument :
 MSVOA_V
 ClientSampled :
 C08T7

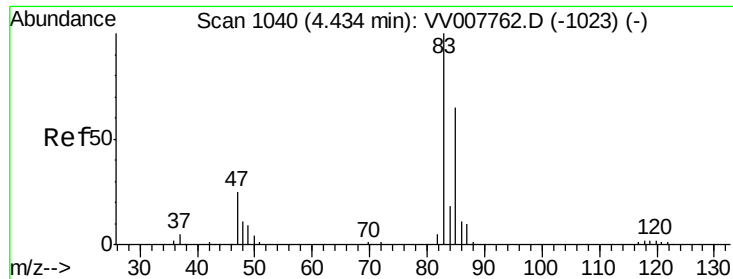
Tgt Ion: 96 Resp: 777
 Ion Ratio Lower Upper
 96 100
 61 1281.6 107.3 199.3#
 63 10426.4 78.8 146.4#



#13
 Acetone
 Concen: 7.328 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV007765.D
 Acq: 23 Sep 2018 04:40

Tgt Ion: 43 Resp: 5082
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 65.2

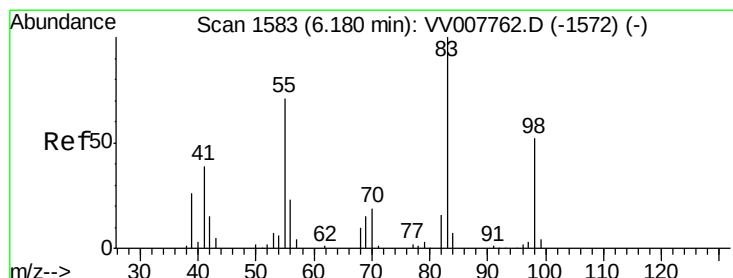
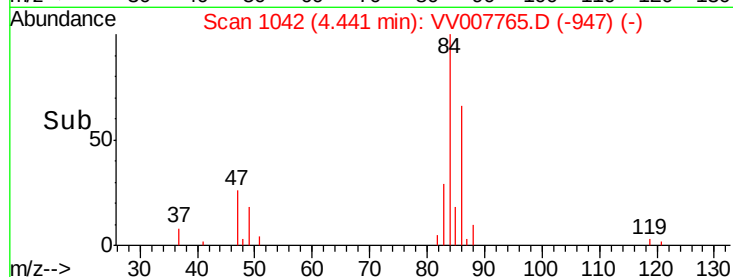
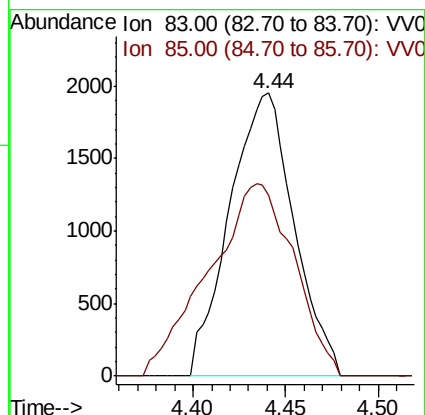
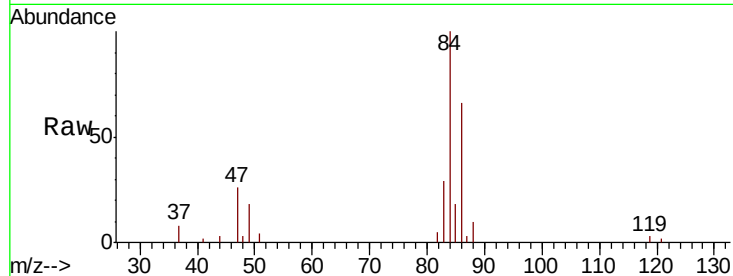




#25
Chloroform
Concen: 2.298 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV007765.D
Acq: 23 Sep 2018 04:40

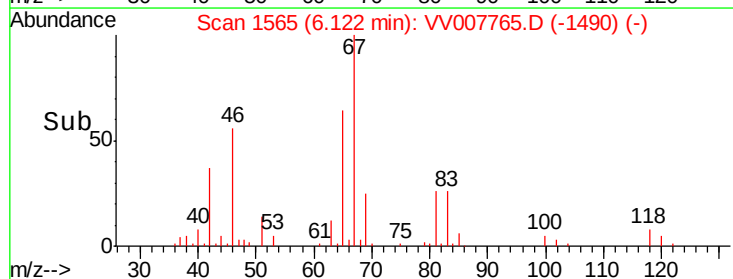
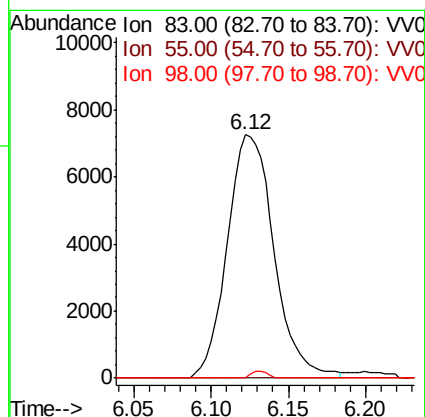
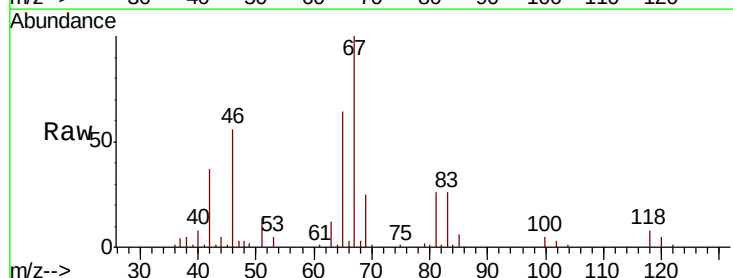
Instrument :
MSVOA_V
ClientSampleId :
C08T7

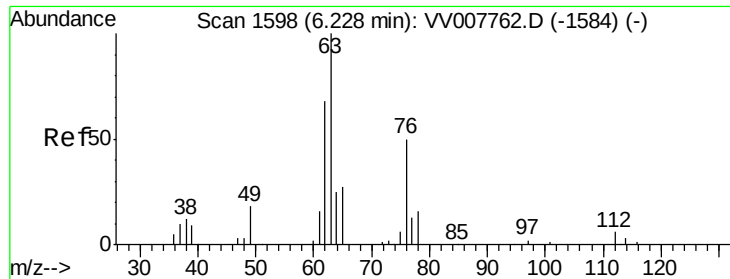
Tgt Ion: 83 Resp: 4714
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8



#35
Methylcyclohexane
Concen: 7.930 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007765.D
Acq: 23 Sep 2018 04:40

Tgt Ion: 83 Resp: 15268
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 1.0 39.0 58.6#

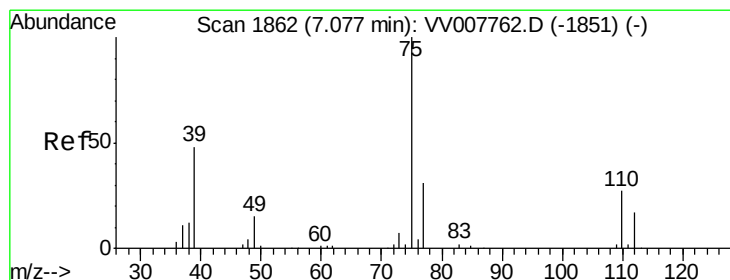
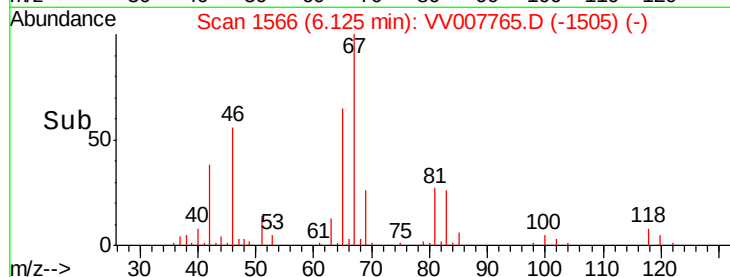
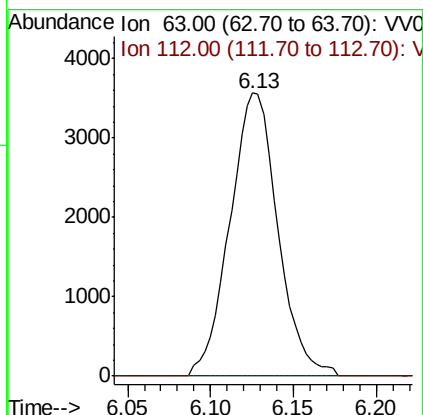
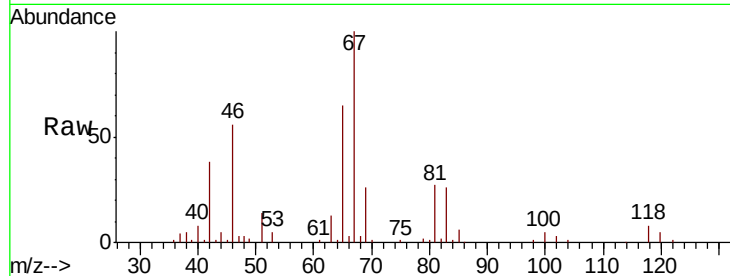




#37
 1,2-Dichloropropane
 Concen: 6.694 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007765.D
 Acq: 23 Sep 2018 04:40

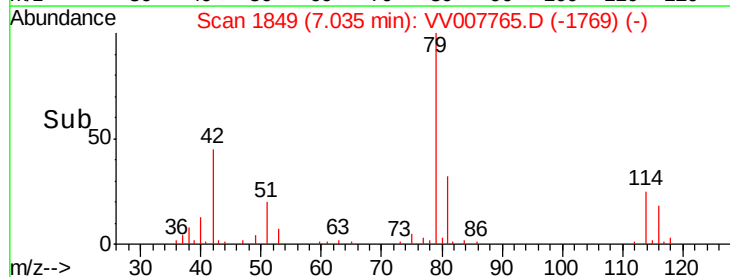
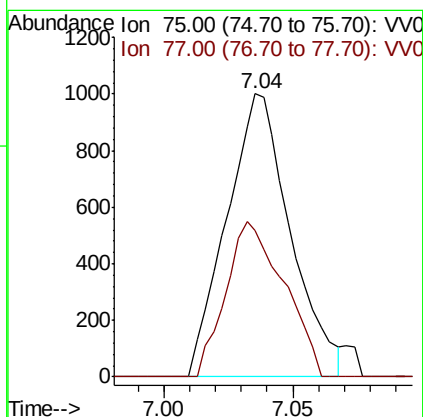
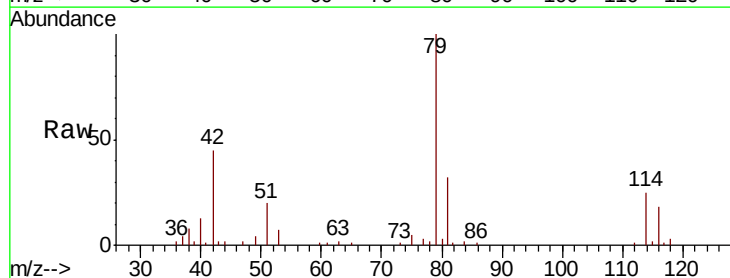
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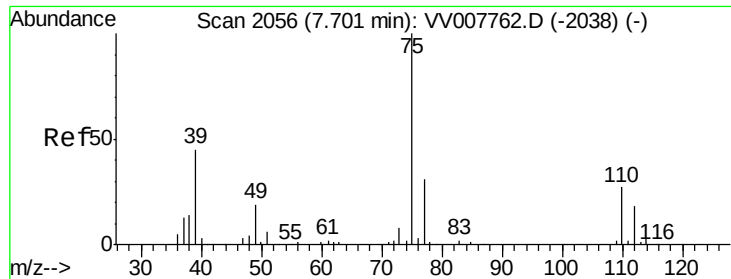
Tgt Ion: 63 Resp: 7164
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.001 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007765.D
 Acq: 23 Sep 2018 04:40

Tgt Ion: 75 Resp: 1722
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.0 40.8#

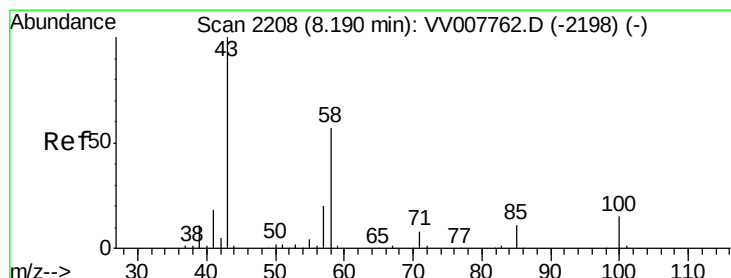
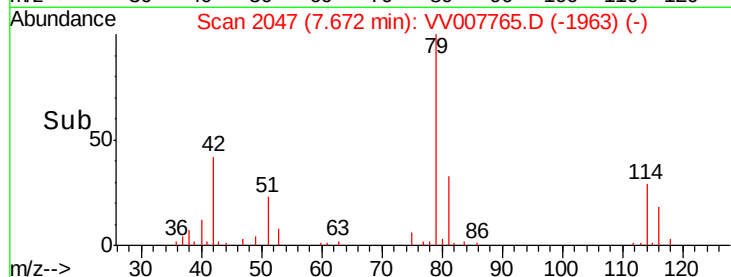
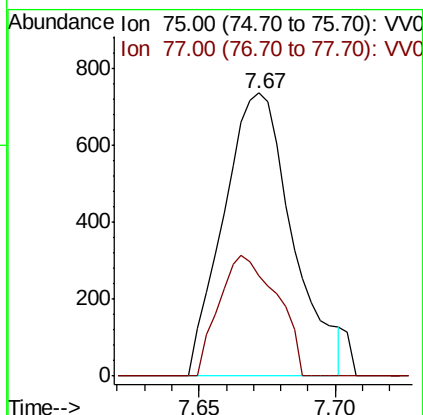
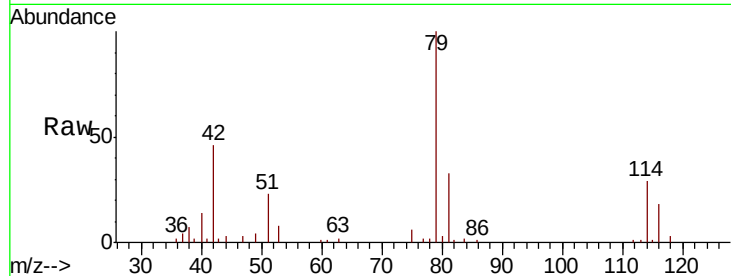




#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.03 min
Lab File: VV007765.D
Acq: 23 Sep 2018 04:40

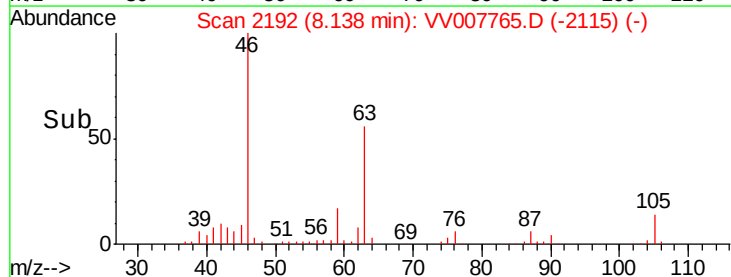
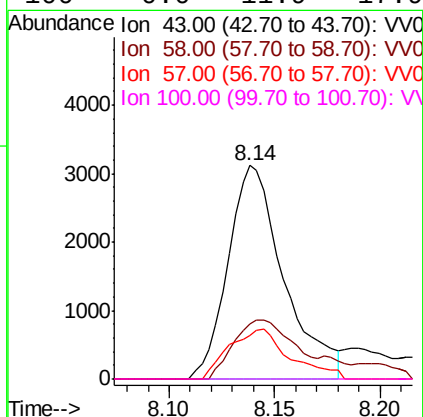
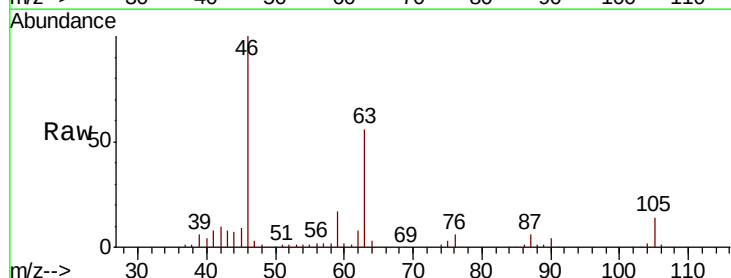
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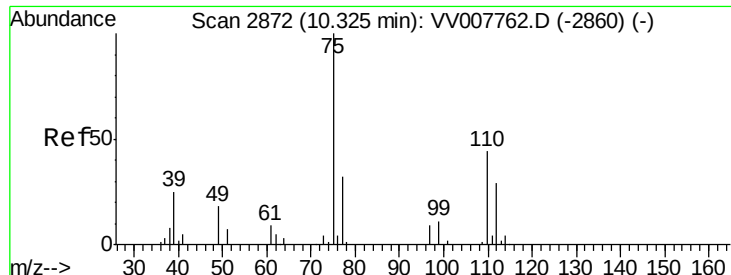
Tgt Ion: 75 Resp: 1290
Ion Ratio Lower Upper
75 100
77 35.5 22.0 40.8



#48
2-Hexanone
Concen: 5.257 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007765.D
Acq: 23 Sep 2018 04:40

Tgt Ion: 43 Resp: 5731
Ion Ratio Lower Upper
43 100
58 30.0 41.4 62.0#
57 25.3 16.0 24.0#
100 0.0 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 6.246 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007765.D

Acq: 23 Sep 2018 04:40

Instrument :

MSVOA_V

ClientSampleId :

C08T7

Tgt Ion: 75 Resp: 9452

Ion Ratio Lower Upper

75 100

77 37.3 25.6 38.4

