

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007768.D
 Acq On : 23 Sep 2018 05:54
 Operator : SY/MD
 Sample : J5013-18
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T9

Quant Time: Sep 24 05:17:16 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	186924	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46406	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.36%
7) Chloroethane-d5	1.59	69	45457	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.48%
11) 1,1-Dichloroethene-d2	2.14	63	87926	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.42%
21) 2-Butanone-d5	3.95	46	36544	54.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.47%
24) Chloroform-d	4.41	84	92714	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.09	65	68778	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.11	84	205127	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.13	67	60188	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.36	98	205922	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	24095	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
47) 2-Hexanone-d5	8.14	63	41854	78.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.73%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87294	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	94193	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

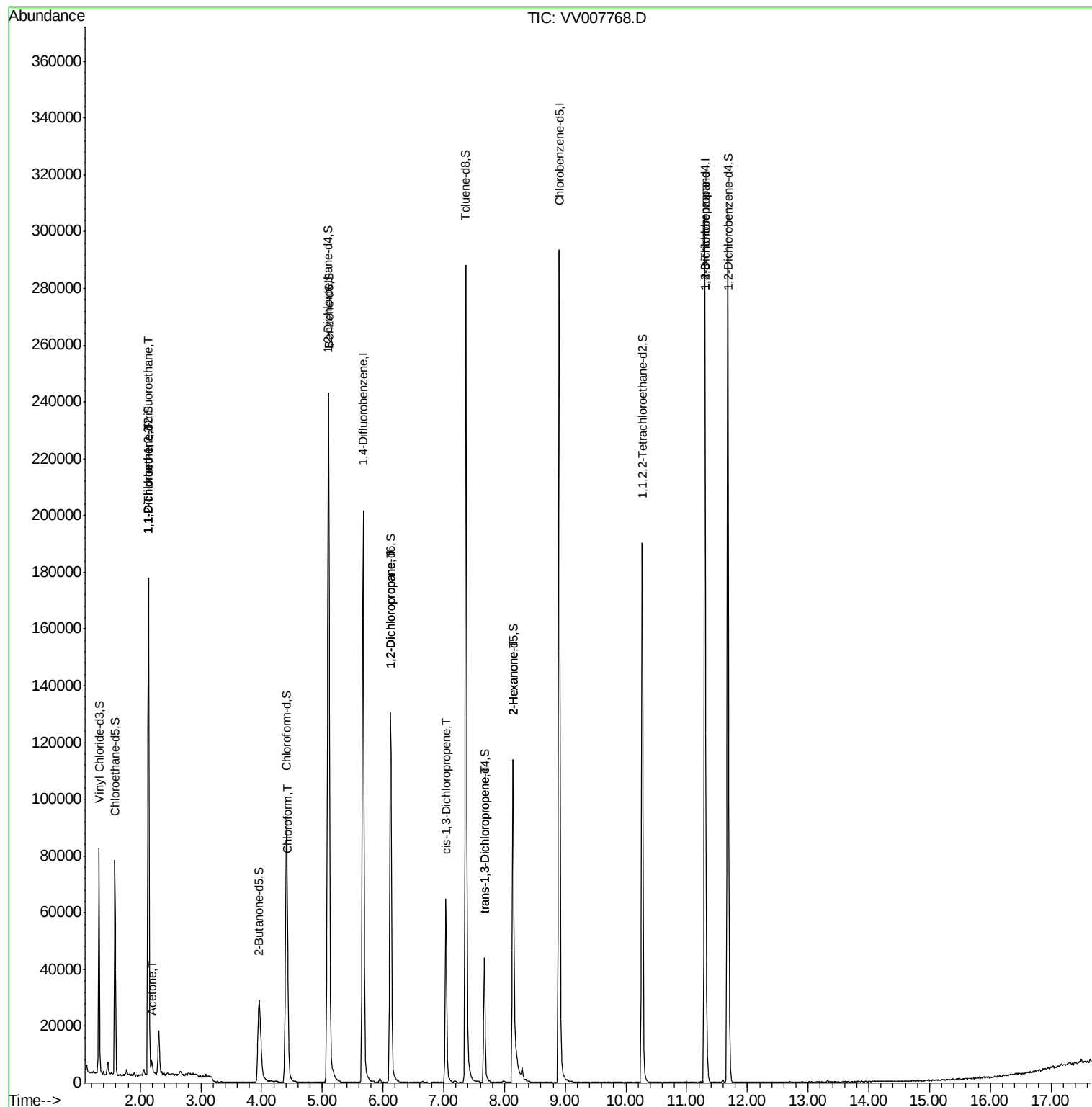
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	837	0.592	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	739	0.596	ug/L #	1
13) Acetone	2.19	43	2152	3.039	ug/L	90
25) Chloroform	4.43	83	7921	3.781	ug/L	94
37) 1,2-Dichloropropane	6.13	63	7417	6.915	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1797	1.042	ug/L #	50
44) trans-1,3-Dichloropropene	7.67	75	1269	0.775	ug/L #	75
48) 2-Hexanone	8.14	43	5270	4.823	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	9359	6.170	ug/L #	87

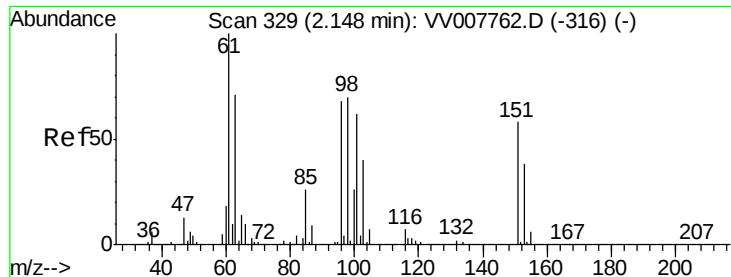
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 05:17:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration





#10

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

Concen: 0.592 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007768.D

Acq: 23 Sep 2018 05:54

Instrument :

MSVOA_V

ClientSampled :

C08T9

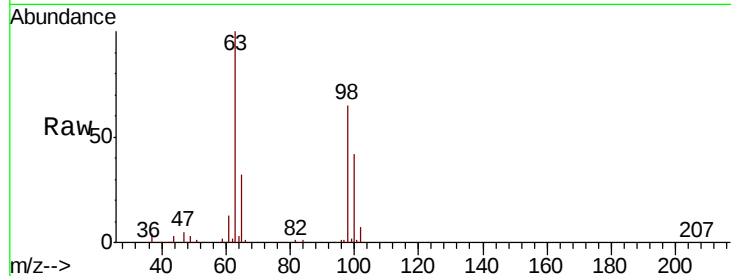
Tgt Ion: 101 Resp: 837

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

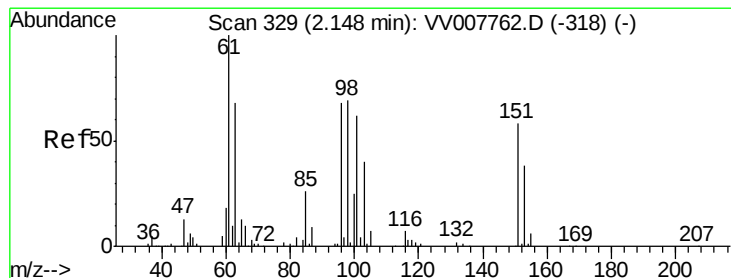
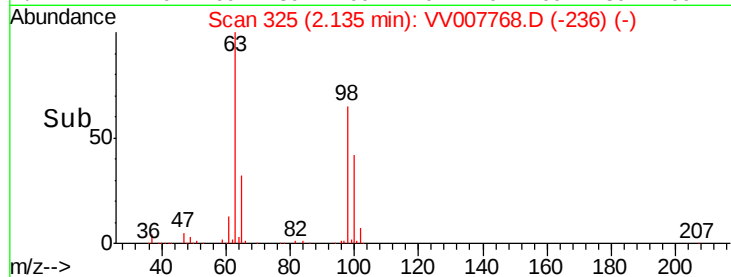
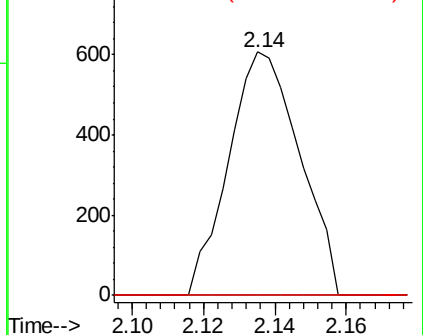
151 0.0 72.2 108.2#



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: 0.596 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.01 min

Lab File: VV007768.D

Acq: 23 Sep 2018 05:54

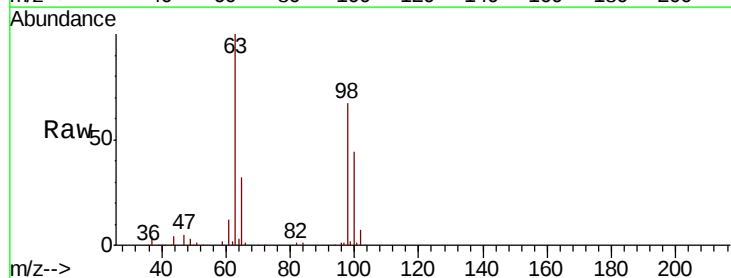
Tgt Ion: 96 Resp: 739

Ion Ratio Lower Upper

96 100

61 1285.7 107.3 199.3#

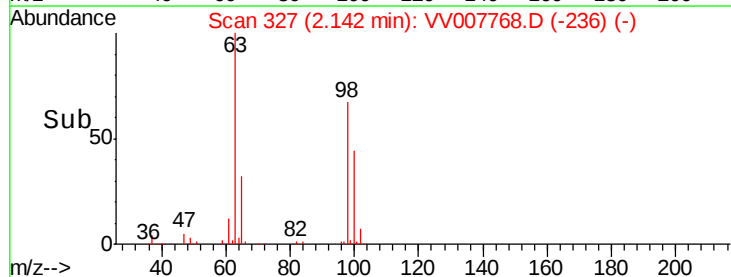
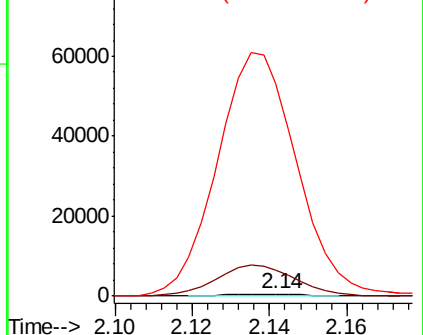
63 10489.6 78.8 146.4#

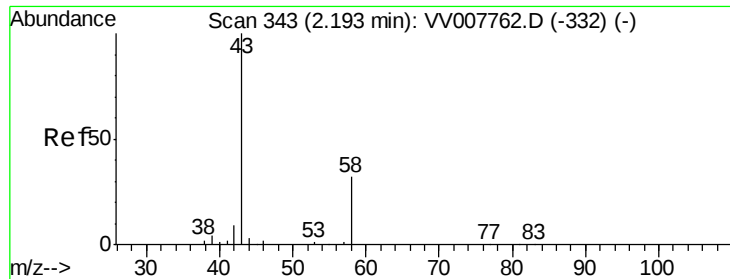


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.039 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007768.D

Acq: 23 Sep 2018 05:54

Instrument :

MSVOA_V

ClientSampled :

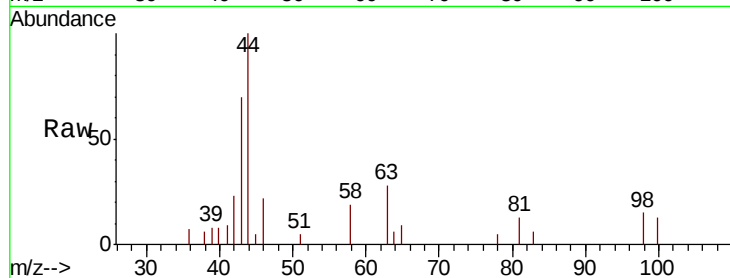
C08T9

Tgt Ion: 43 Resp: 2152

Ion Ratio Lower Upper

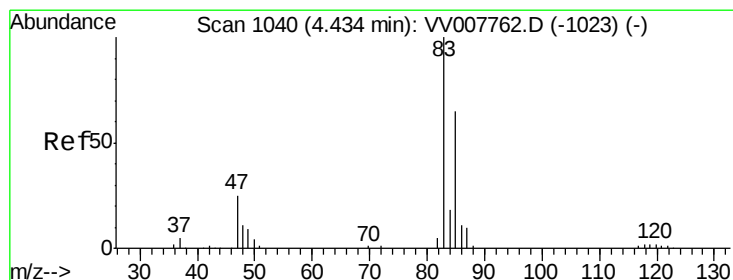
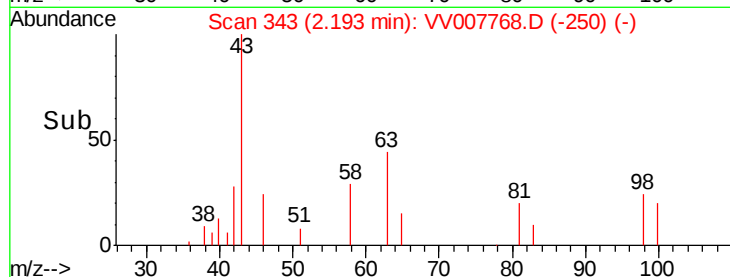
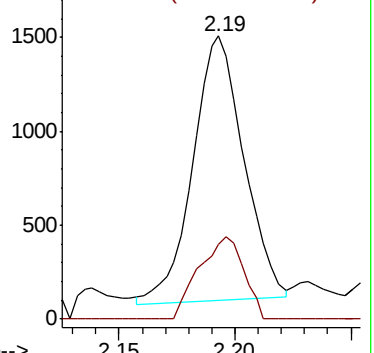
43 100

58 27.2 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007762.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007762.D (-332) (-)



#25

Chloroform

Concen: 3.781 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VV007768.D

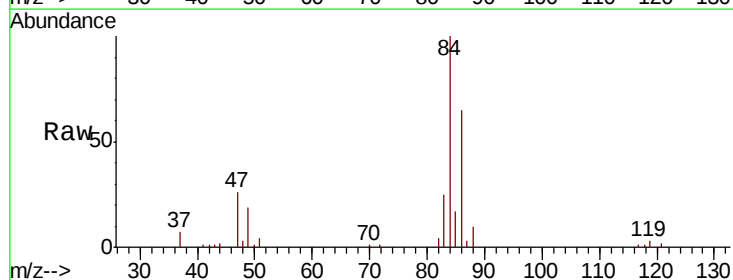
Acq: 23 Sep 2018 05:54

Tgt Ion: 83 Resp: 7921

Ion Ratio Lower Upper

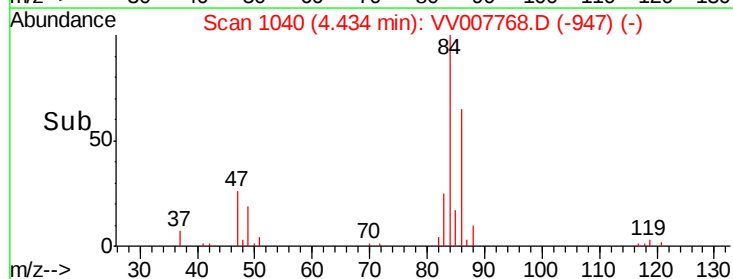
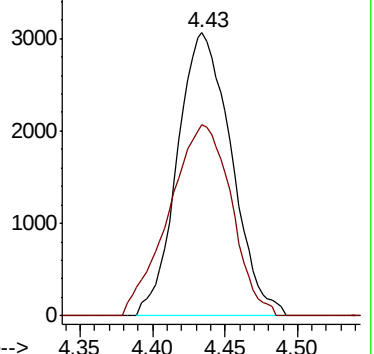
83 100

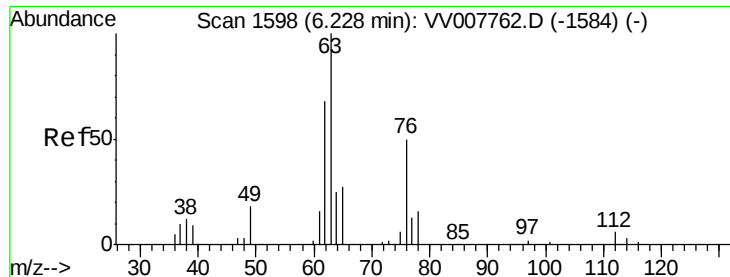
85 67.3 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV007762.D (-1023) (-)

Ion 85.00 (84.70 to 85.70): VV007762.D (-1023) (-)

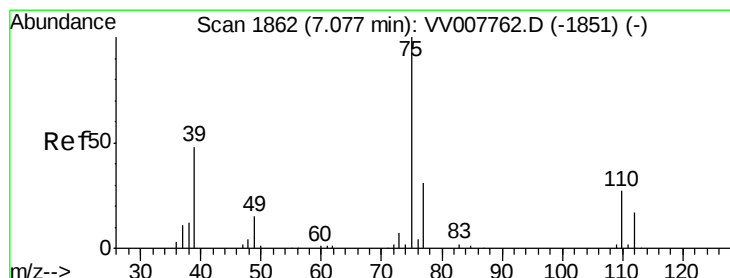
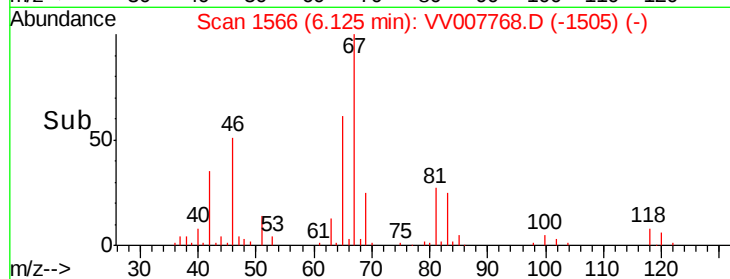
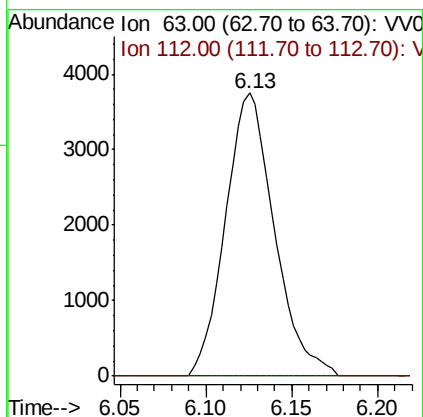
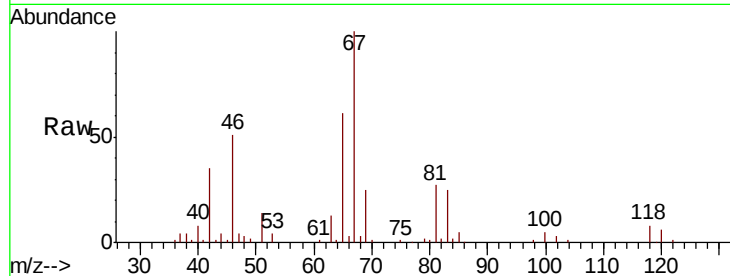




#37
 1,2-Dichloropropane
 Concen: 6.915 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007768.D
 Acq: 23 Sep 2018 05:54

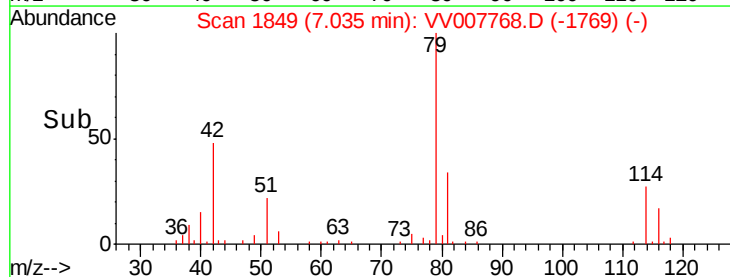
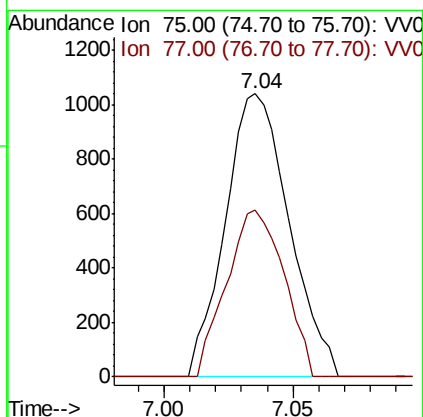
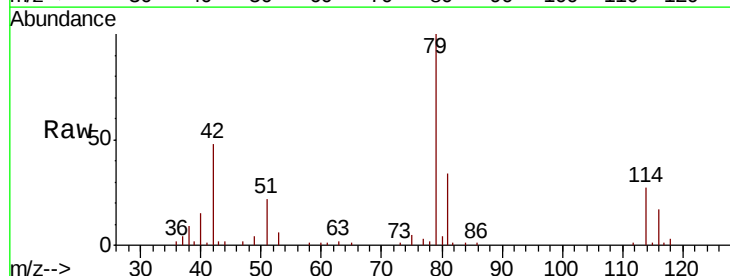
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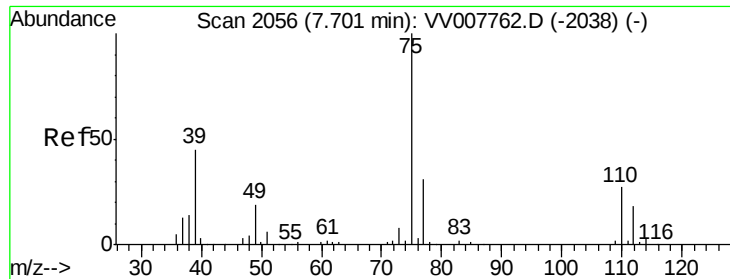
Tgt Ion: 63 Resp: 7417
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.042 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007768.D
 Acq: 23 Sep 2018 05:54

Tgt Ion: 75 Resp: 1797
 Ion Ratio Lower Upper
 75 100
 77 59.2 22.0 40.8#

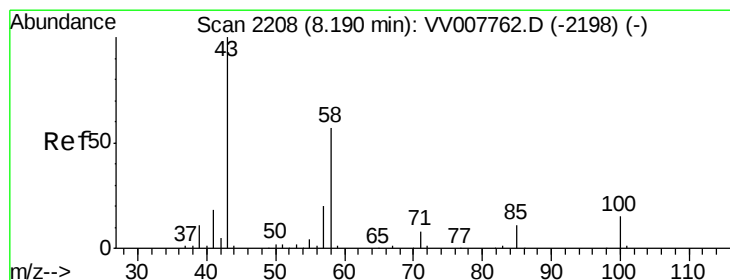
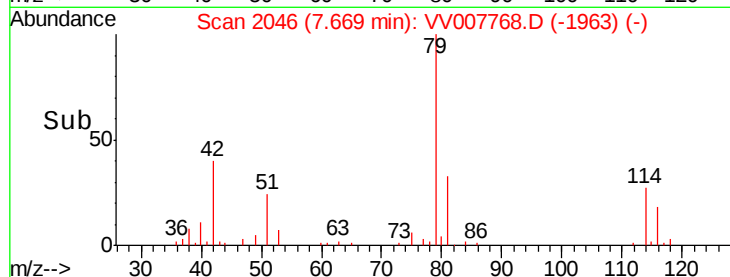
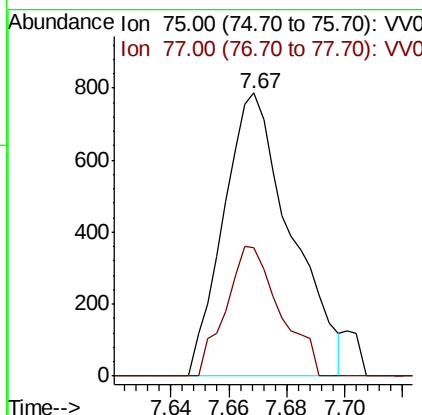
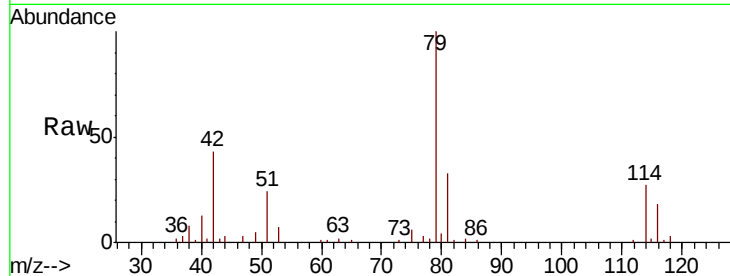




#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007768.D
Acq: 23 Sep 2018 05:54

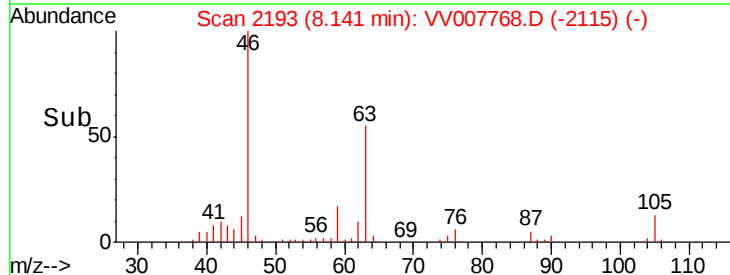
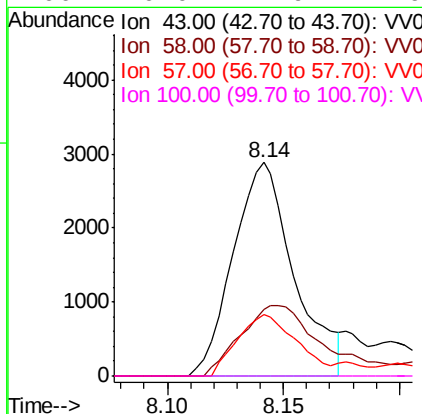
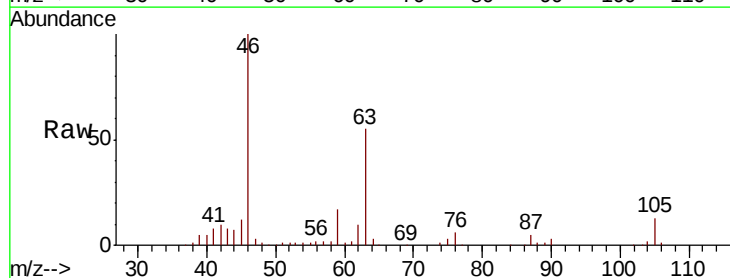
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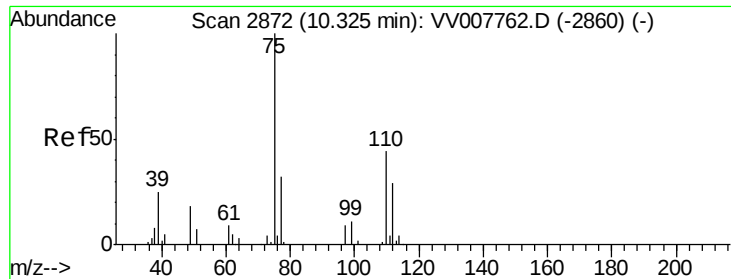
Tgt Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 45.5 22.0 40.8#



#48
2-Hexanone
Concen: 4.823 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007768.D
Acq: 23 Sep 2018 05:54

Tgt Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
58 38.5 41.4 62.0#
57 28.0 16.0 24.0#
100 0.0 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 6.170 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007768.D

Acq: 23 Sep 2018 05:54

Instrument :

MSVOA_V

ClientSampleId :

C08T9

Tgt Ion: 75 Resp: 9359

Ion Ratio Lower Upper

75 100

77 39.3 25.6 38.4#

