

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007767.D
 Acq On : 23 Sep 2018 05:30
 Operator : SY/MD
 Sample : J5013-13
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R5

Quant Time: Sep 24 05:17:10 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	176724	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37639	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.38%
7) Chloroethane-d5	1.59	69	38010	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.10%
11) 1,1-Dichloroethene-d2	2.14	63	75302	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	3.95	46	35676	56.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	56.24%
24) Chloroform-d	4.41	84	85736	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
26) 1,2-Dichloroethane-d4	5.09	65	61757	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.11	84	178702	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
36) 1,2-Dichloropropane-d6	6.13	67	52330	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.84%
41) Toluene-d8	7.36	98	181570	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.67	79	22331	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
47) 2-Hexanone-d5	8.14	63	37873	75.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.47%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77776	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	84390	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%

Target Compounds

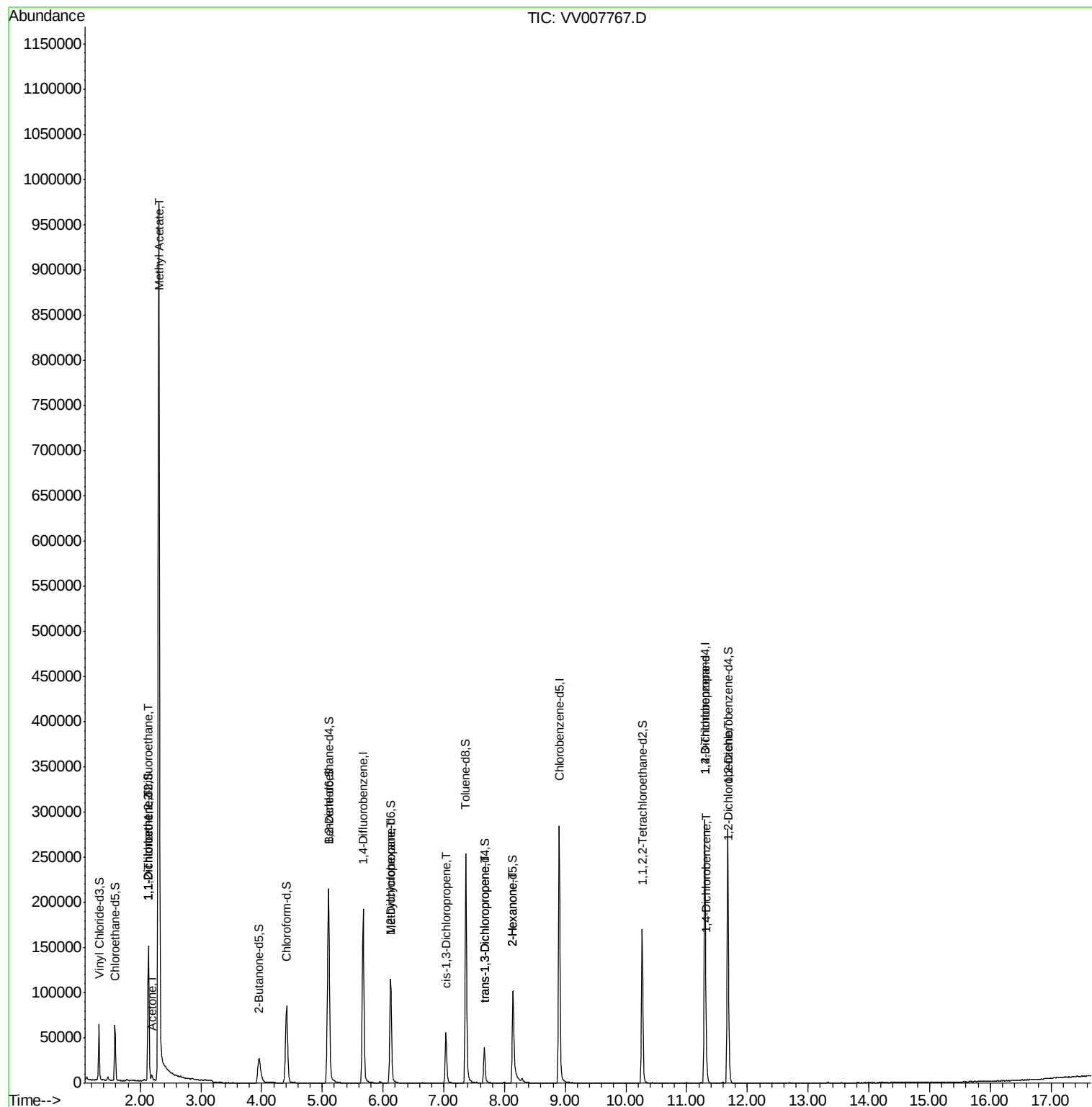
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	840	0.629	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	705	0.601	ug/L #	1
13) Acetone	2.19	43	3317	4.955	ug/L	96
15) Methyl Acetate	2.31	43	231709	195.534	ug/L #	47
35) Methylcyclohexane	6.13	83	13488	7.405	ug/L #	21
39) cis-1,3-Dichloropropene	7.04	75	1635	1.005	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1069	0.692	ug/L #	74
48) 2-Hexanone	8.14	43	5491	5.324	ug/L #	84
59) 1,2,3-Trichloropropane	11.30	75	8925	6.234	ug/L #	86
63) 1,4-Dichlorobenzene	11.32	146	1531	0.526	ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	1480	0.522	ug/L #	88

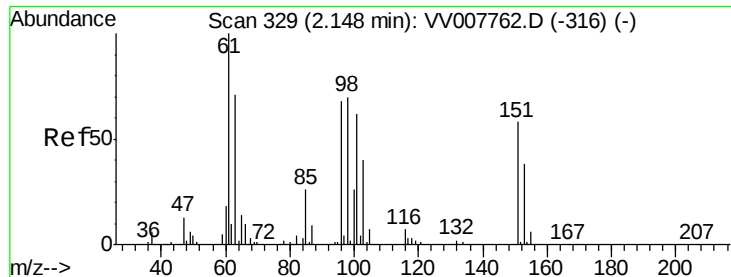
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.629 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

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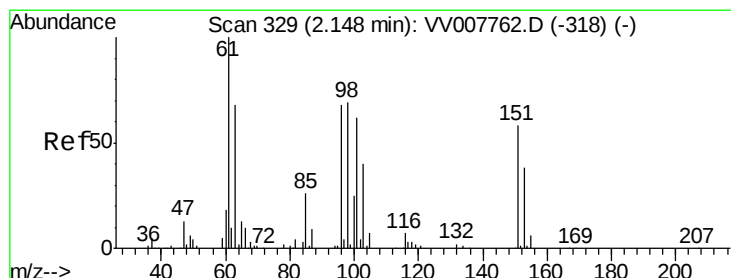
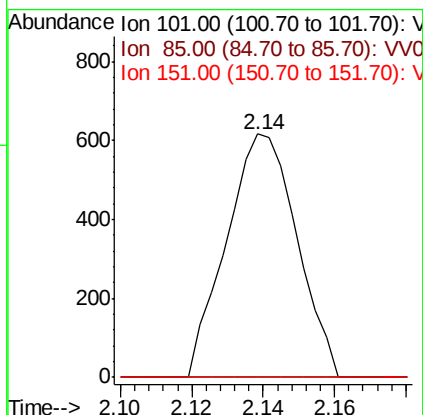
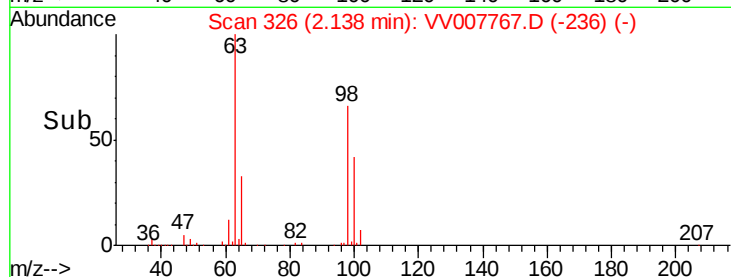
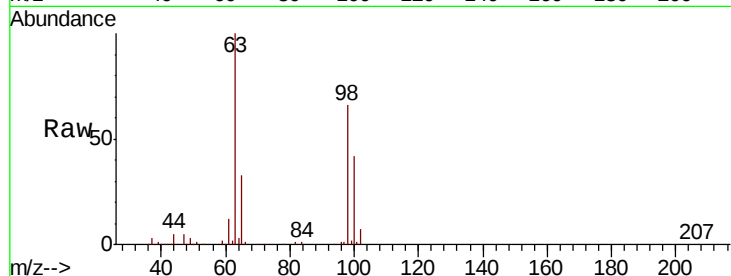
Tgt Ion: 101 Resp: 840

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 0.0 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007767.D

Acq: 23 Sep 2018 05:30

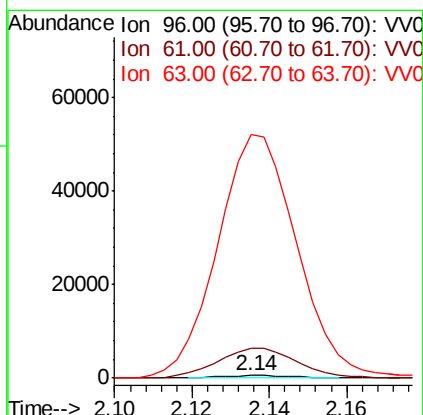
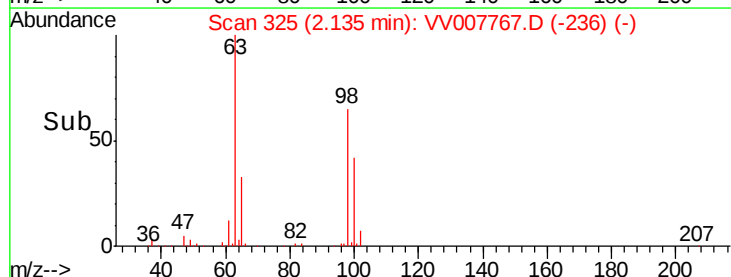
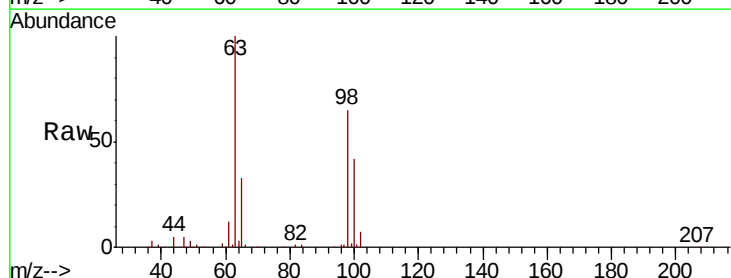
Tgt Ion: 96 Resp: 705

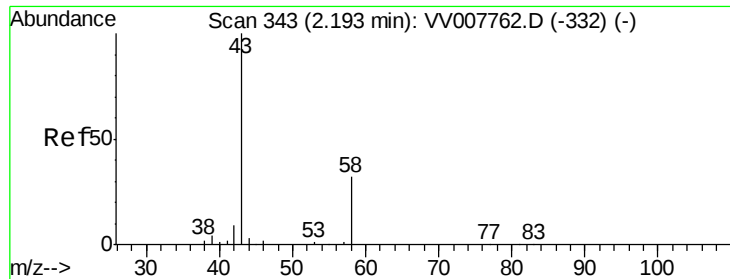
Ion Ratio Lower Upper

96 100

61 1207.4 107.3 199.3#

63 9899.6 78.8 146.4#





#13

Acetone

Concen: 4.955 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007767.D

Acq: 23 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampled :

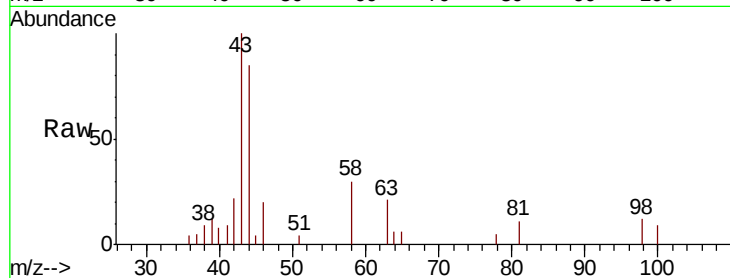
C08R5

Tgt Ion: 43 Resp: 3317

Ion Ratio Lower Upper

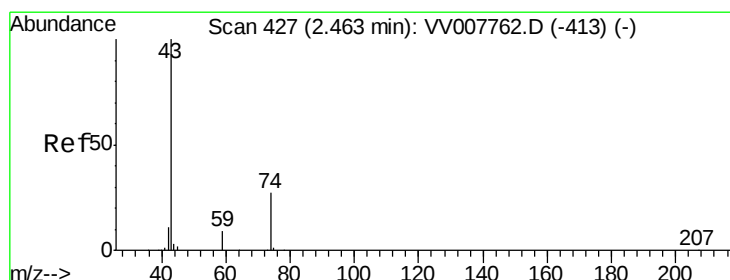
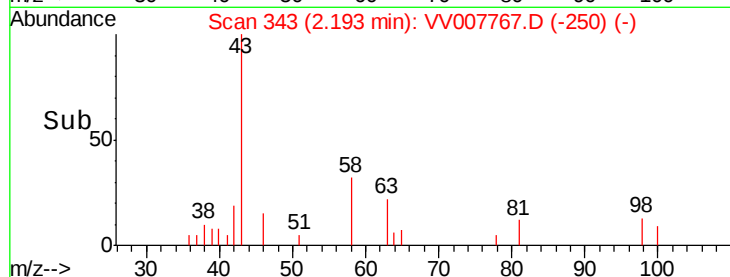
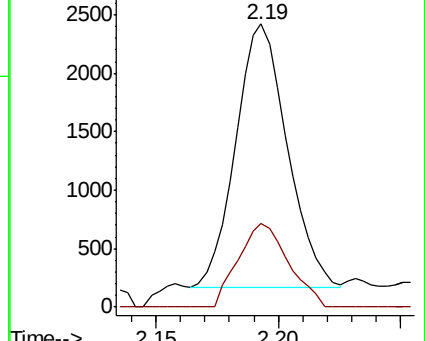
43 100

58 30.5 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 195.534 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.15 min

Lab File: VV007767.D

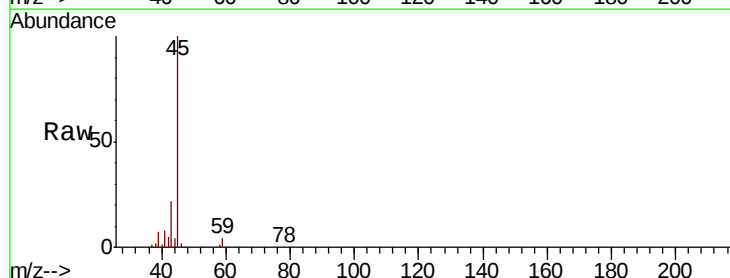
Acq: 23 Sep 2018 05:30

Tgt Ion: 43 Resp: 231709

Ion Ratio Lower Upper

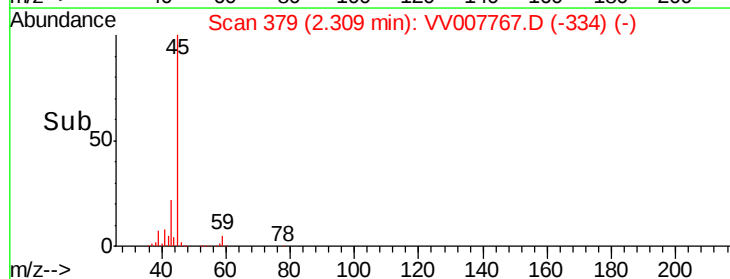
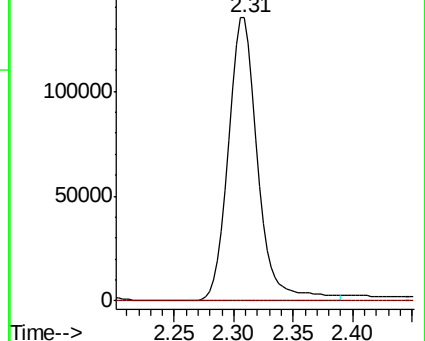
43 100

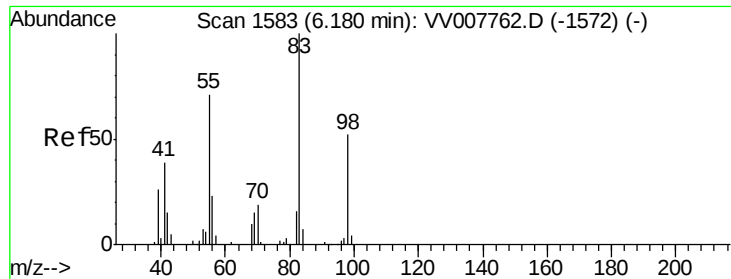
74 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

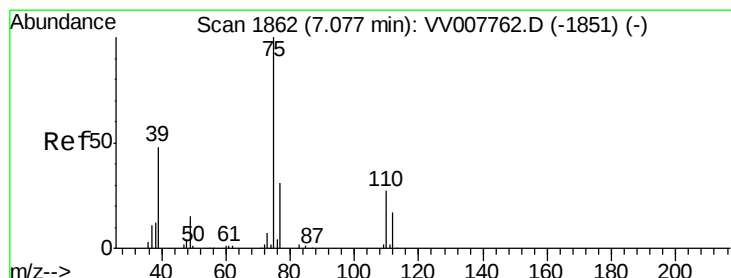
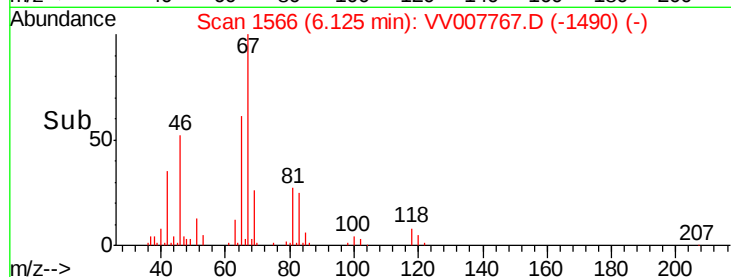
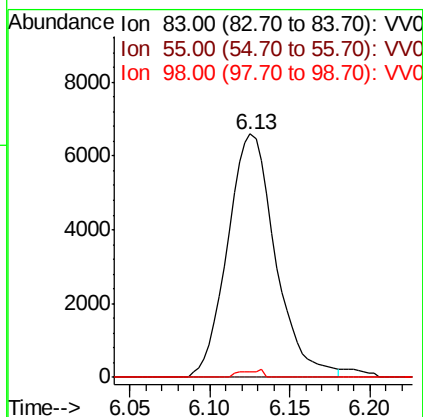
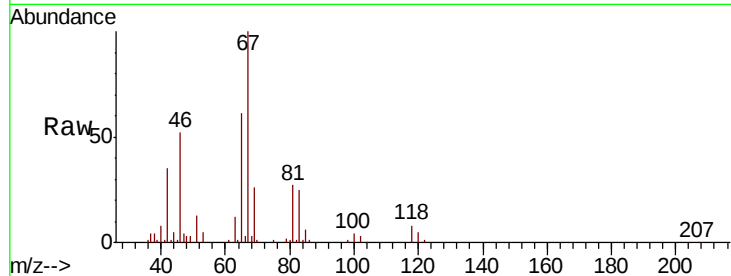




#35
Methylcyclohexane
Concen: 7.405 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007767.D
Acq: 23 Sep 2018 05:30

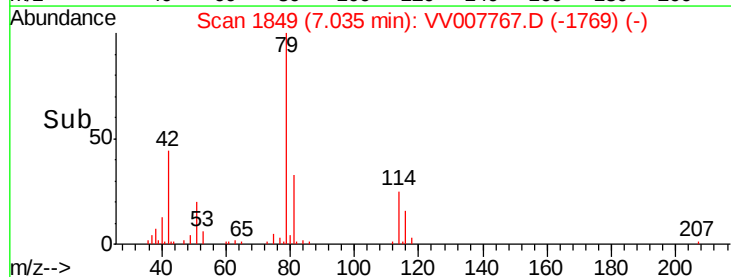
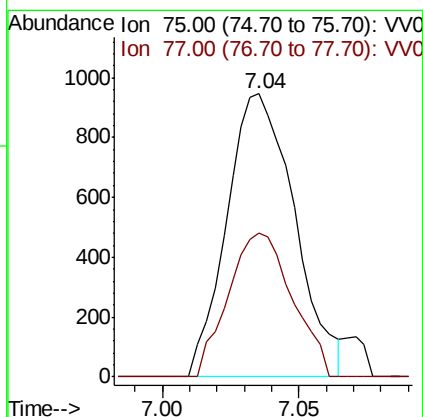
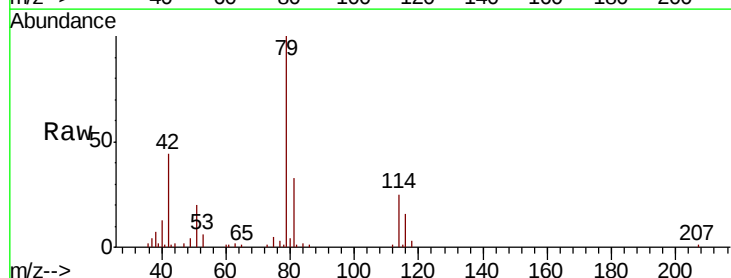
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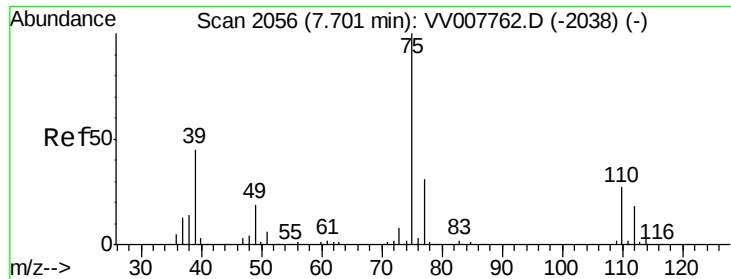
Tgt Ion: 83 Resp: 13488
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 0.3 39.0 58.6#



#39
cis-1,3-Dichloropropene
Concen: 1.005 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007767.D
Acq: 23 Sep 2018 05:30

Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
77 50.7 22.0 40.8#

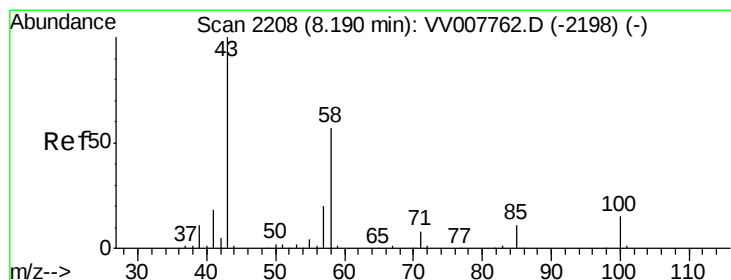
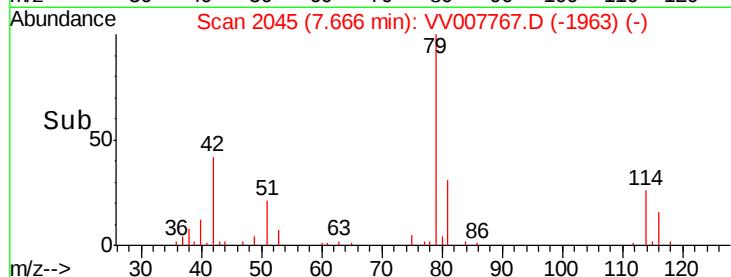
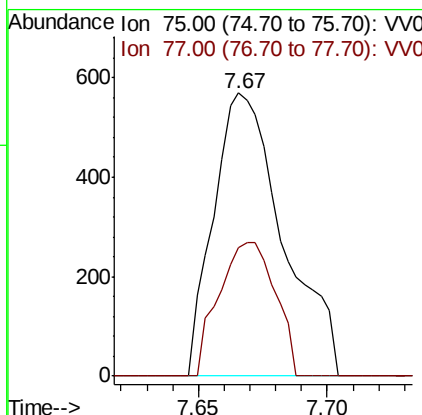
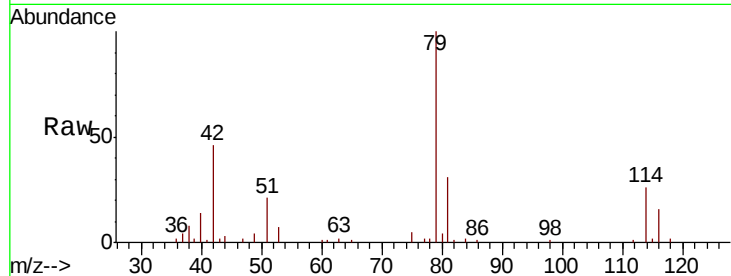




#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.04 min
Lab File: VV007767.D
Acq: 23 Sep 2018 05:30

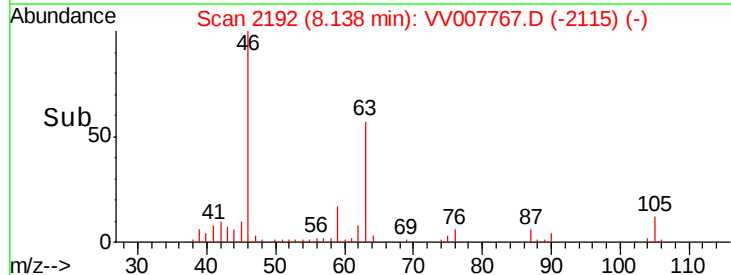
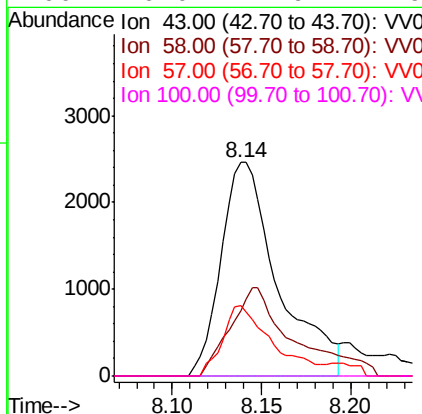
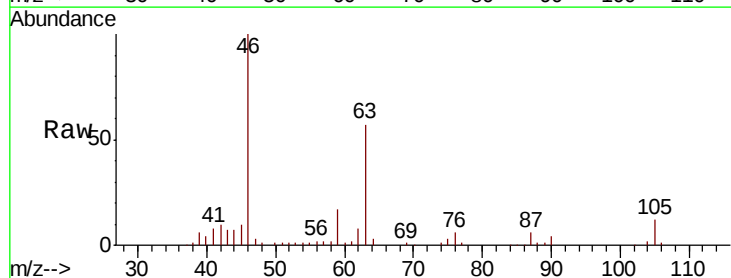
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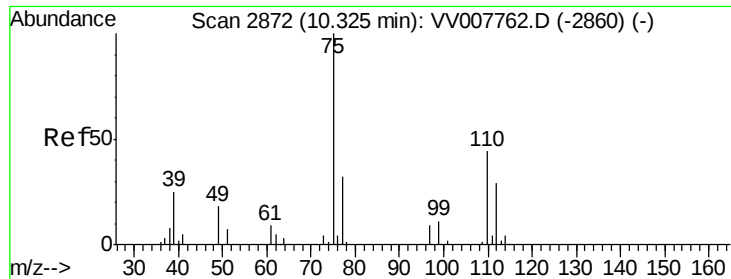
Tgt Ion: 75 Resp: 1069
Ion Ratio Lower Upper
75 100
77 45.5 22.0 40.8#



#48
2-Hexanone
Concen: 5.324 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007767.D
Acq: 23 Sep 2018 05:30

Tgt Ion: 43 Resp: 5491
Ion Ratio Lower Upper
43 100
58 45.7 41.4 62.0
57 28.5 16.0 24.0#
100 0.0 11.9 17.9#

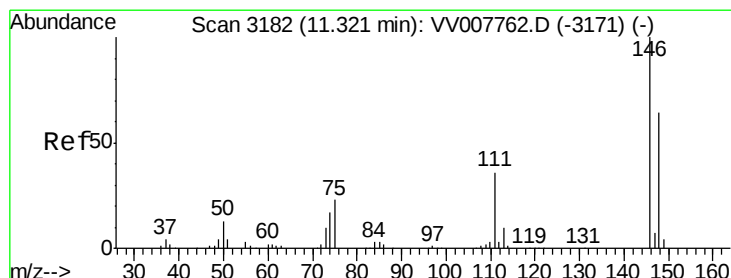
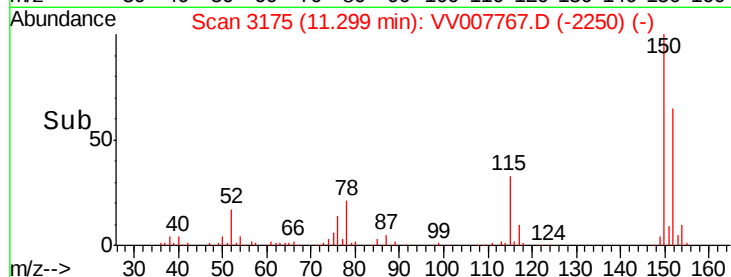
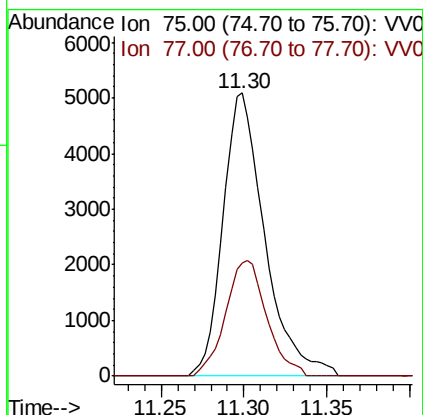
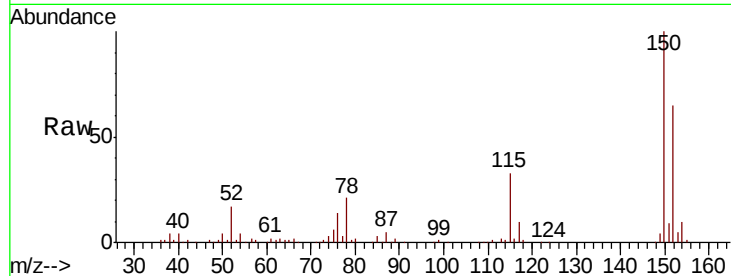




#59
 1,2,3-Trichloropropane
 Concen: 6.234 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007767.D
 Acq: 23 Sep 2018 05:30

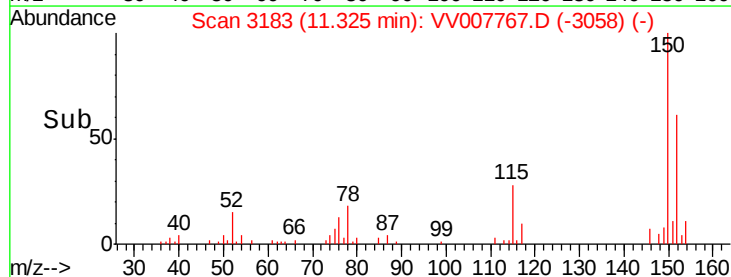
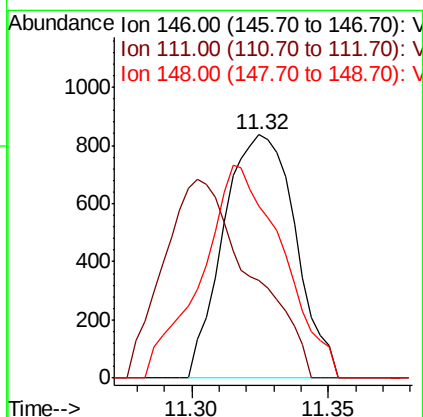
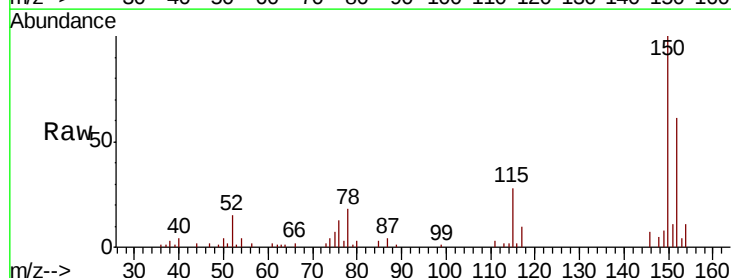
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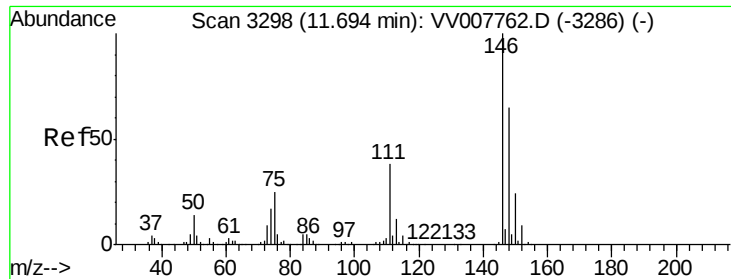
Tgt Ion: 75 Resp: 8925
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.6 38.4#



#63
 1,4-Dichlorobenzene
 Concen: 0.526 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007767.D
 Acq: 23 Sep 2018 05:30

Tgt Ion: 146 Resp: 1531
 Ion Ratio Lower Upper
 146 100
 111 39.9 24.4 45.4
 148 70.6 45.1 83.7

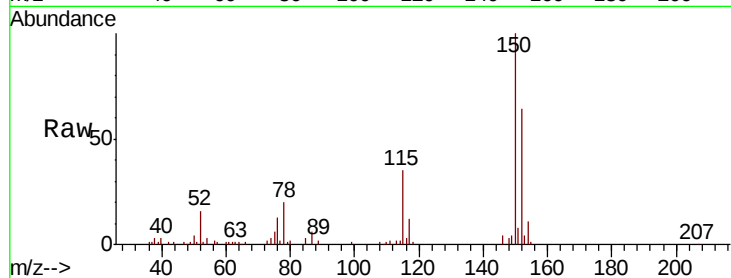




#65
 1,2-Dichlorobenzene
 Concen: 0.522 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007767.D
 Acq: 23 Sep 2018 05:30

Instrument :
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Tgt Ion:146 Resp: 1480
 Ion Ratio Lower Upper
 146 100
 111 56.3 29.8 44.8#
 148 64.0 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

