

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007764.D
 Acq On : 23 Sep 2018 04:15
 Operator : SY/MD
 Sample : J5013-04
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T2

Quant Time: Sep 24 05:16:50 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	188093	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38223	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.78%
7) Chloroethane-d5	1.59	69	38790	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.52%
11) 1,1-Dichloroethene-d2	2.14	63	76316	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
21) 2-Butanone-d5	3.95	46	56376	83.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.41	84	90453	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.66%
26) 1,2-Dichloroethane-d4	5.09	65	62807	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.11	84	182831	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.13	67	54714	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.78%
41) Toluene-d8	7.36	98	187835	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%
43) trans-1,3-Dichloropropene-	7.67	79	23353	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.16%
47) 2-Hexanone-d5	8.14	63	41602	76.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80156	41.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	87056	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

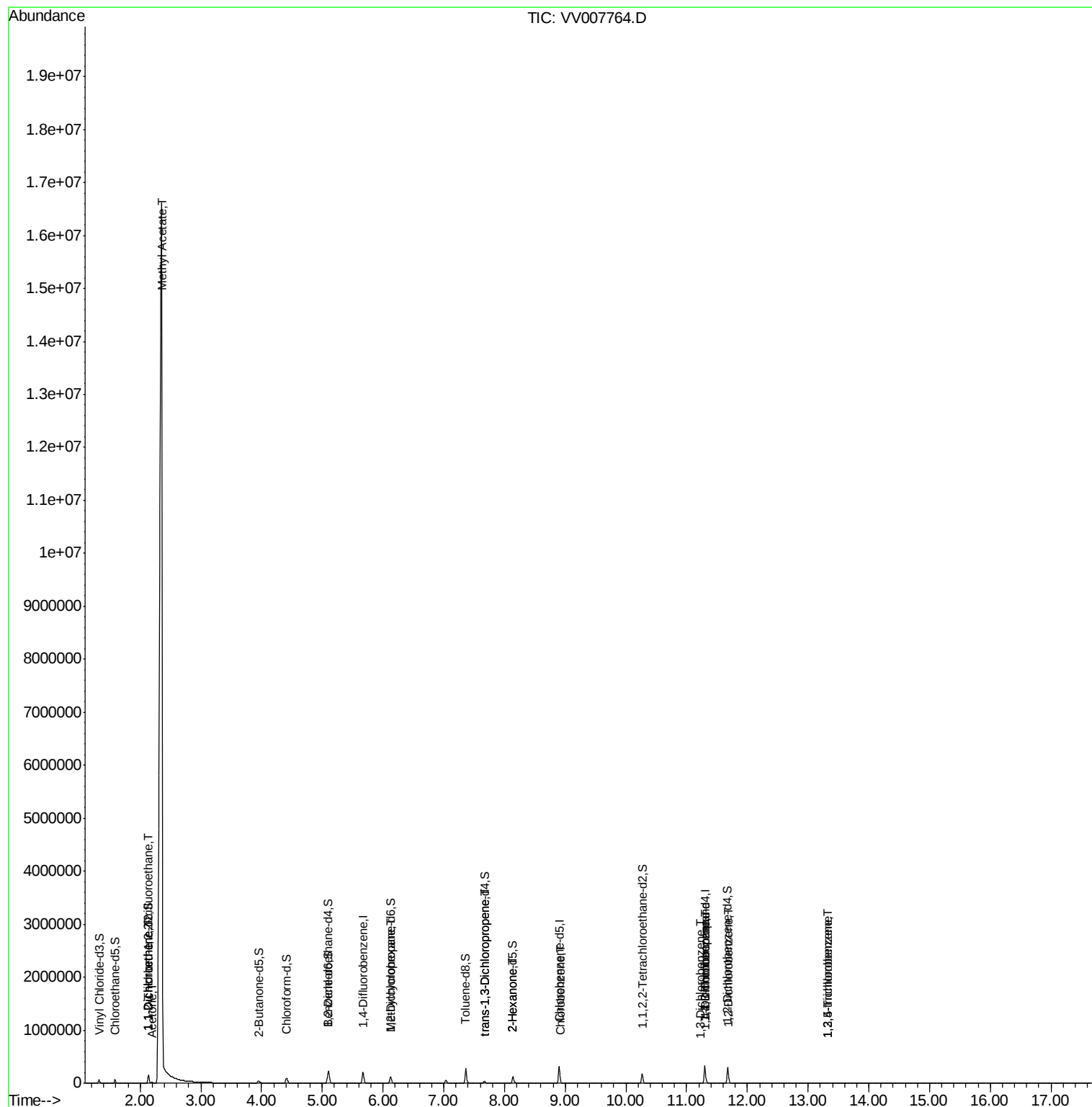
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	949	0.667	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	796	0.638	ug/L #	1
13) Acetone	2.19	43	8579	12.040	ug/L	97
15) Methyl Acetate	2.35	43	6910392	5479.035	ug/L #	47
35) Methylcyclohexane	6.13	83	13970	7.091	ug/L #	22
44) trans-1,3-Dichloropropene	7.67	75	1341	0.802	ug/L #	66
48) 2-Hexanone	8.14	43	5335	4.783	ug/L #	81
51) Chlorobenzene	8.93	112	2475	0.666	ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	10684	6.900	ug/L	91
62) 1,3-Dichlorobenzene	11.23	146	1489	0.490	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	6191	1.966	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	7382	2.405	ug/L	97
67) 1,3,5-Trichlorobenzene	13.32	180	1821	0.714	ug/L	93
68) 1,2,4-trichlorobenzene	13.32	180	1821	0.796	ug/L	92

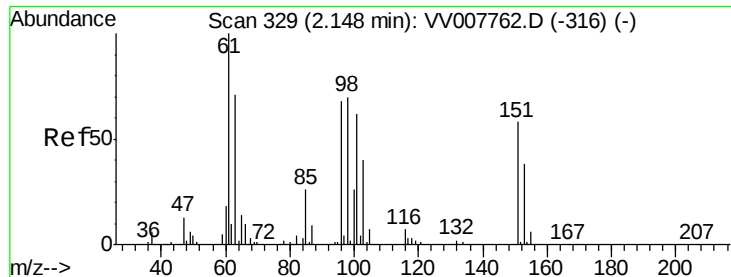
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration





#10

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

Concen: 0.667 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007764.D

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ClientSampleId :

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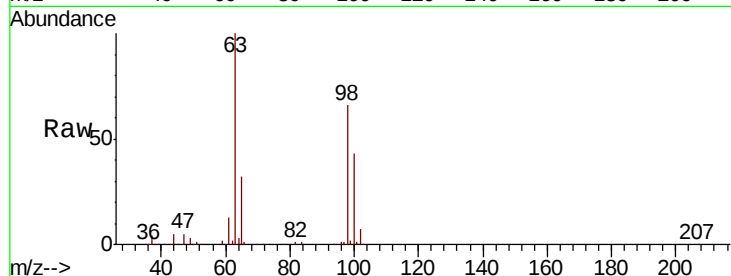
Tgt Ion: 101 Resp: 949

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

2.14

600

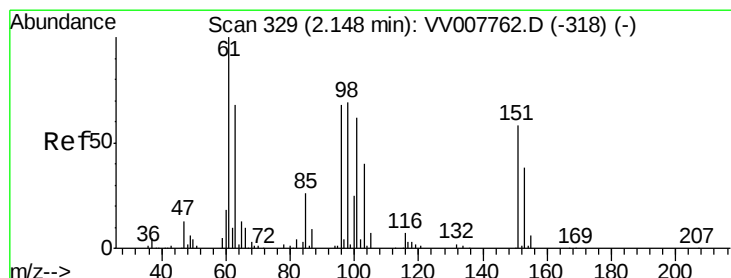
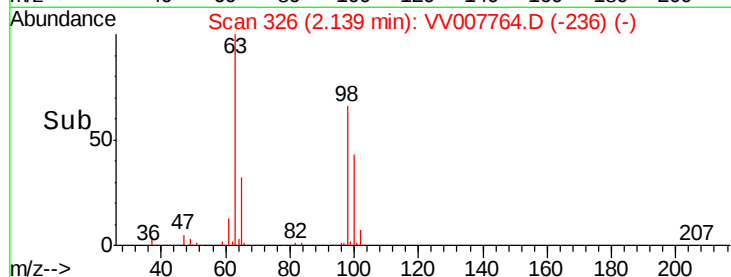
400

200

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

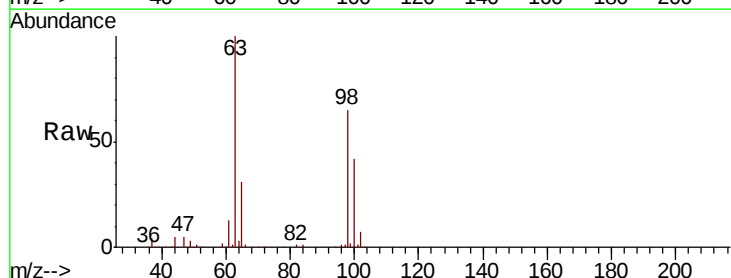
Tgt Ion: 96 Resp: 796

Ion Ratio Lower Upper

96 100

61 1209.7 107.3 199.3#

63 9319.0 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

60000

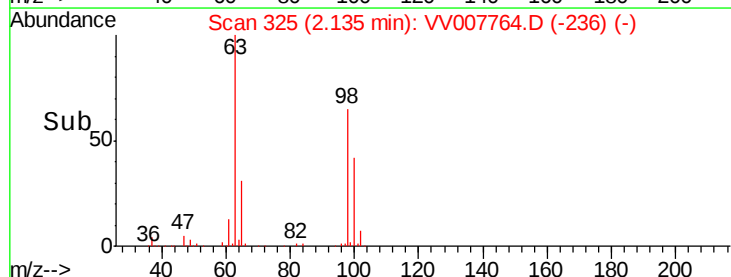
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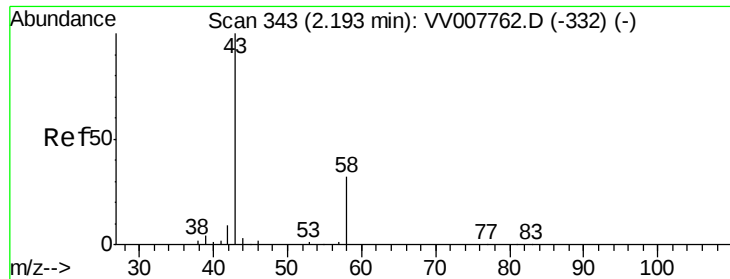
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 12.040 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

Instrument :

MSVOA_V

ClientSampleId :

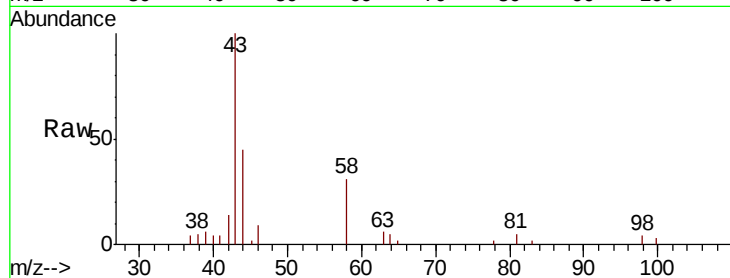
C08T2

Tgt Ion: 43 Resp: 8579

Ion Ratio Lower Upper

43 100

58 31.1 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) (-)

15000

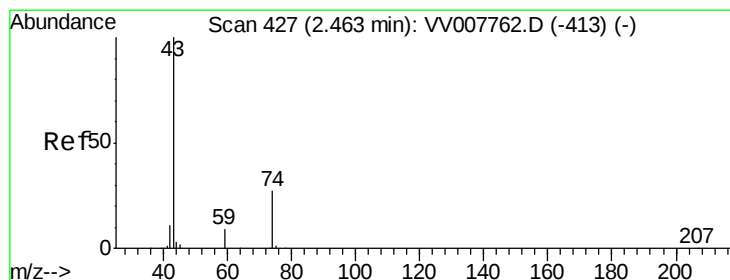
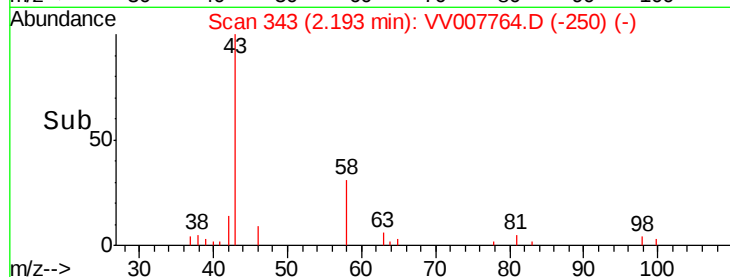
10000

5000

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 5479.035 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.11 min

Lab File: VV007764.D

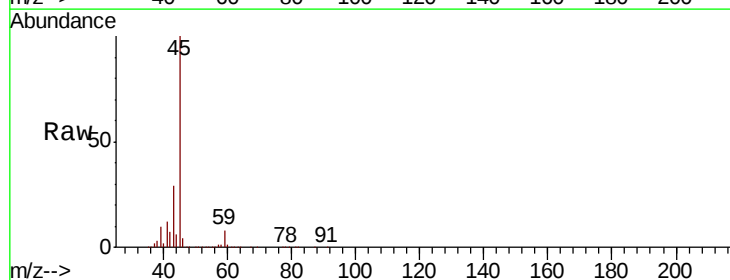
Acq: 23 Sep 2018 04:15

Tgt Ion: 43 Resp: 6910392

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VV007762.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV007762.D (-413) (-)

2500000

2000000

1500000

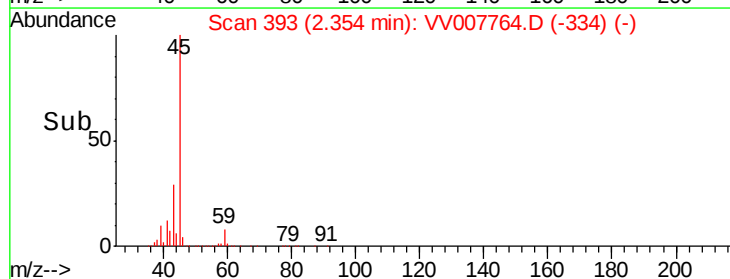
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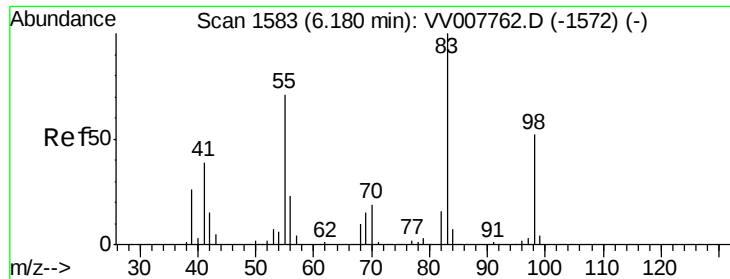
500000

0

2.20 2.30 2.40 2.50 2.60

Time-->

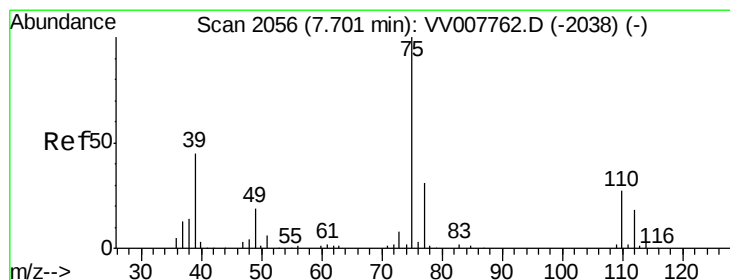
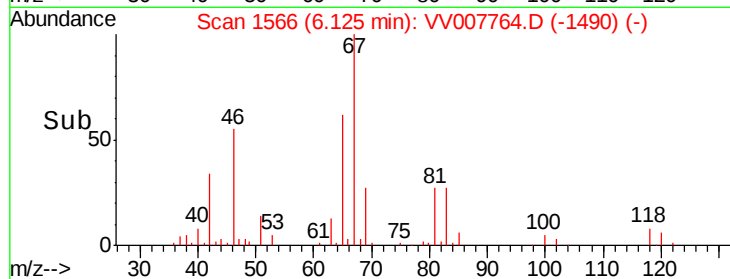
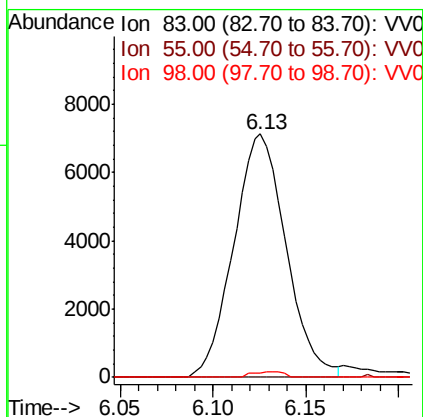
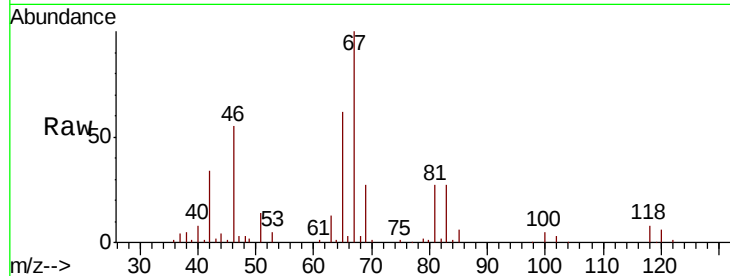




#35
Methylcyclohexane
Concen: 7.091 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007764.D
Acq: 23 Sep 2018 04:15

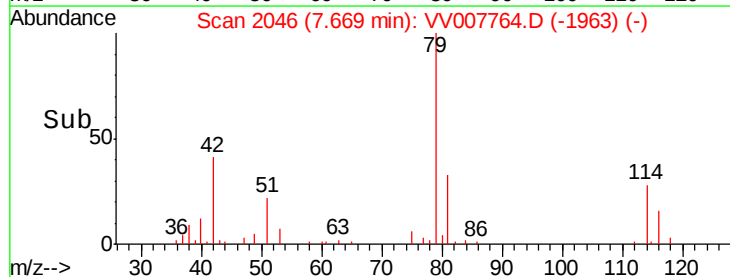
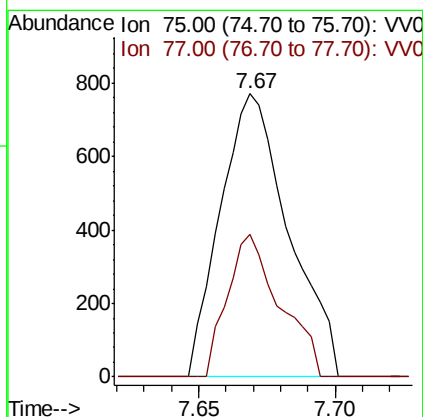
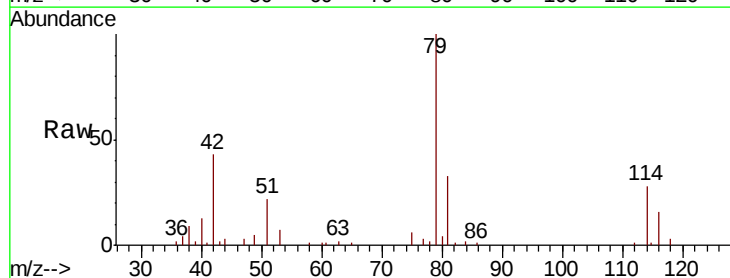
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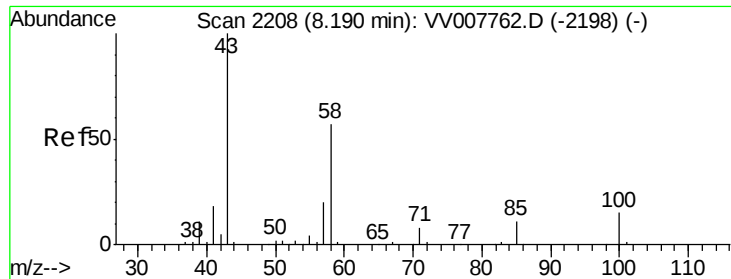
Tgt Ion: 83 Resp: 13970
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 1.0 39.0 58.6#



#44
trans-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007764.D
Acq: 23 Sep 2018 04:15

Tgt Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
77 50.2 22.0 40.8#

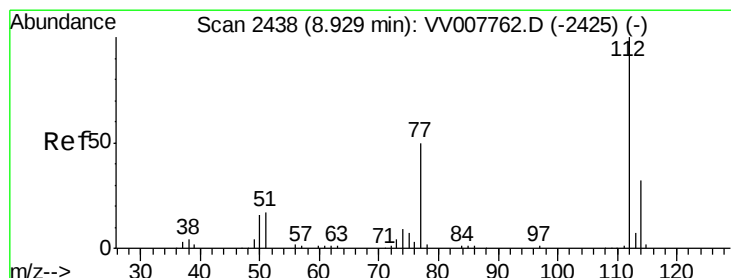
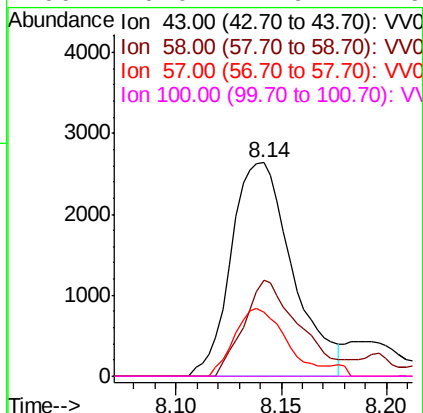
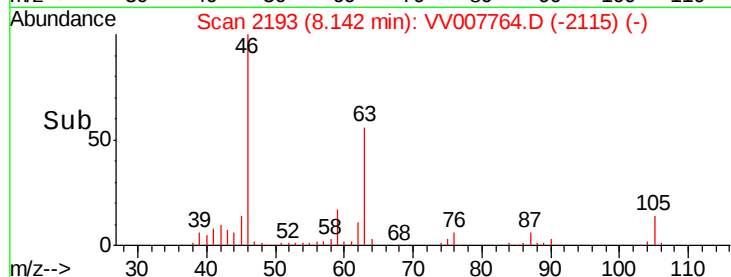
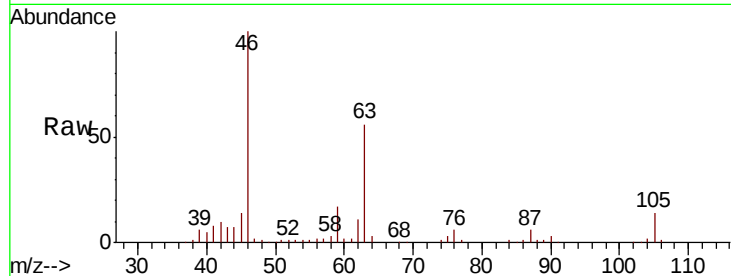




#48
2-Hexanone
Concen: 4.783 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007764.D
Acq: 23 Sep 2018 04:15

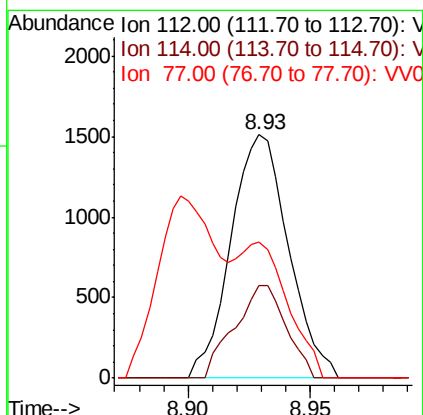
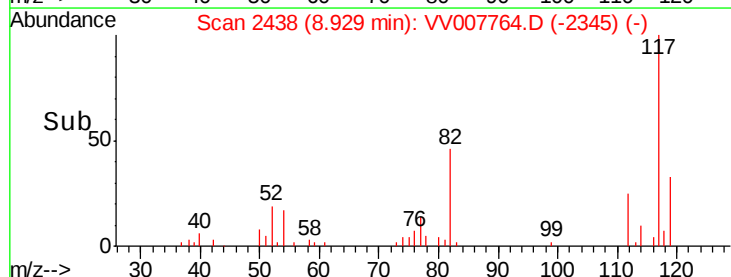
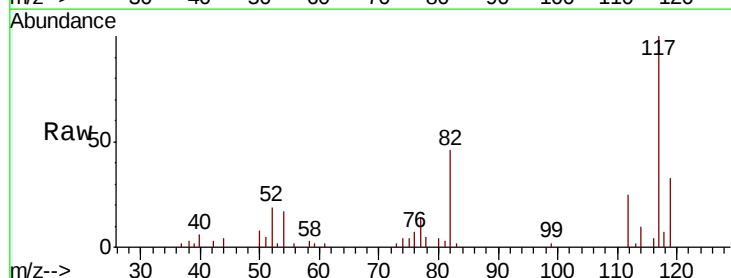
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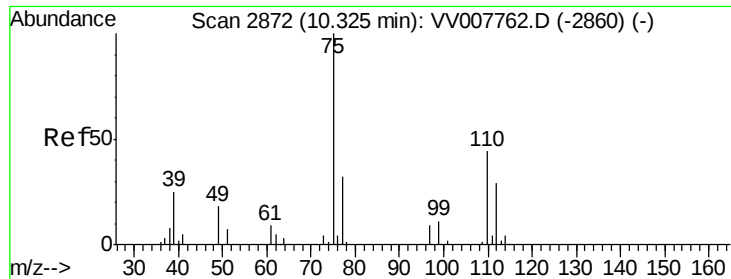
Tgt Ion: 43 Resp: 5335
Ion Ratio Lower Upper
43 100
58 41.2 41.4 62.0#
57 26.7 16.0 24.0#
100 0.0 11.9 17.9#



#51
Chlorobenzene
Concen: 0.666 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007764.D
Acq: 23 Sep 2018 04:15

Tgt Ion: 112 Resp: 2475
Ion Ratio Lower Upper
112 100
114 37.8 22.3 41.3
77 55.8 40.6 60.8





#59

1,2,3-Trichloropropane

Concen: 6.900 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

Instrument :

MSVOA_V

ClientSampleId :

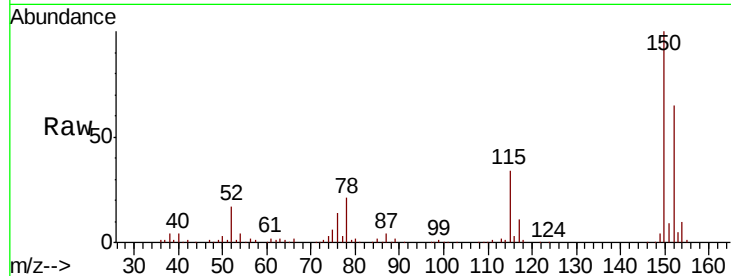
C08T2

Tgt Ion: 75 Resp: 10684

Ion Ratio Lower Upper

75 100

77 36.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV007762.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007762.D (-2860) (-)

11.30

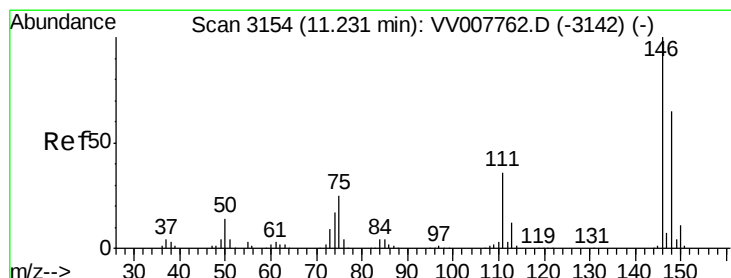
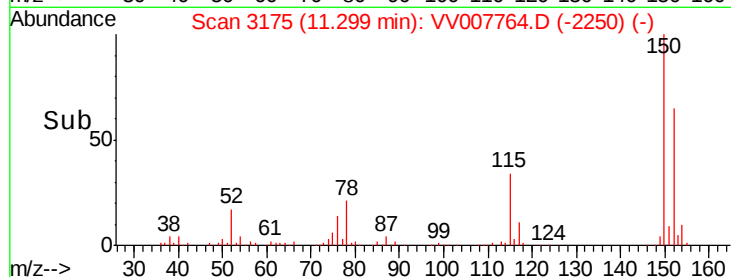
6000

4000

2000

0

11.25 11.30 11.35



#62

1,3-Dichlorobenzene

Concen: 0.490 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

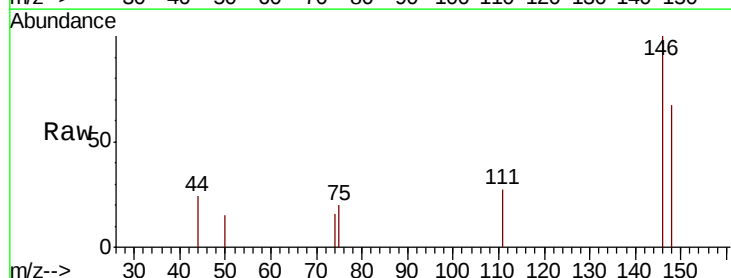
Tgt Ion: 146 Resp: 1489

Ion Ratio Lower Upper

146 100

111 27.2 25.1 46.7

148 67.2 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): VV007762.D (-3142) (-)

Ion 111.00 (110.70 to 111.70): VV007762.D (-3142) (-)

Ion 148.00 (147.70 to 148.70): VV007762.D (-3142) (-)

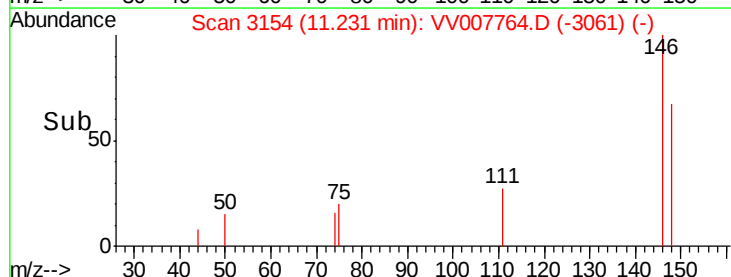
11.23

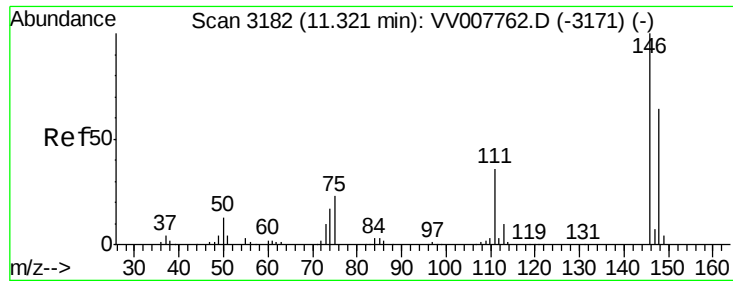
1000

500

0

11.20 11.25

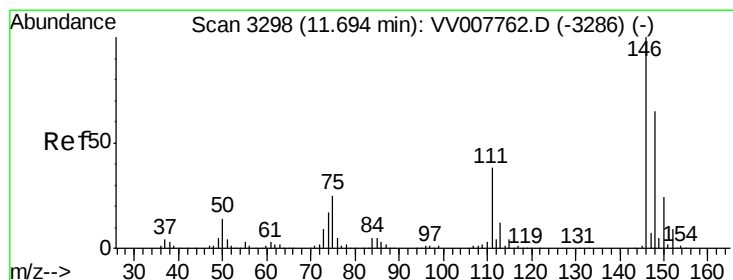
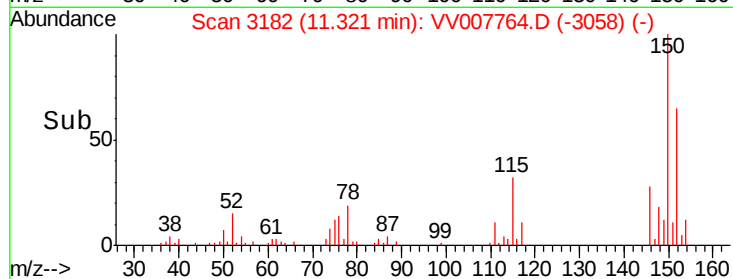
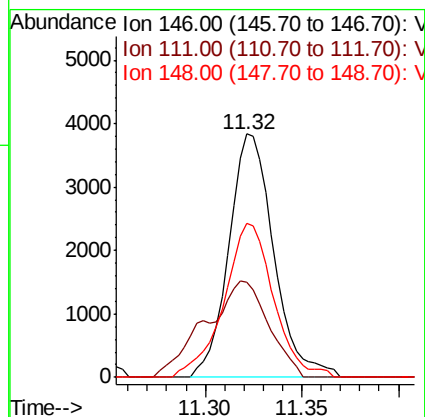
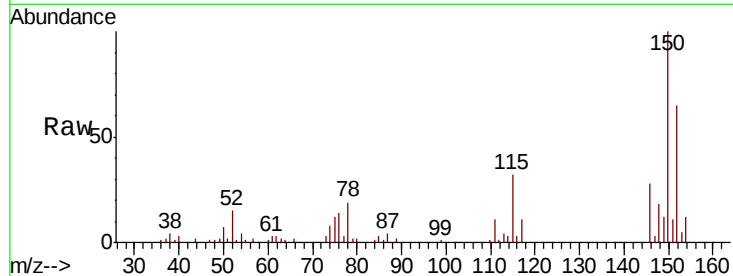




#63
 1,4-Dichlorobenzene
 Concen: 1.966 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

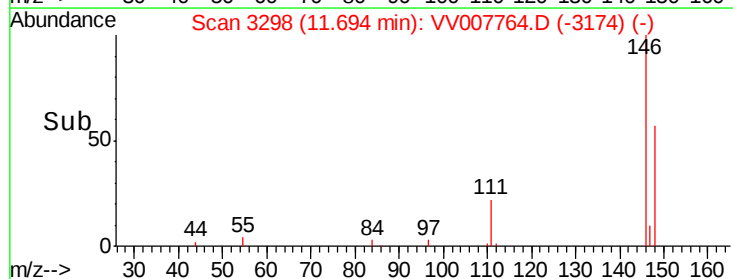
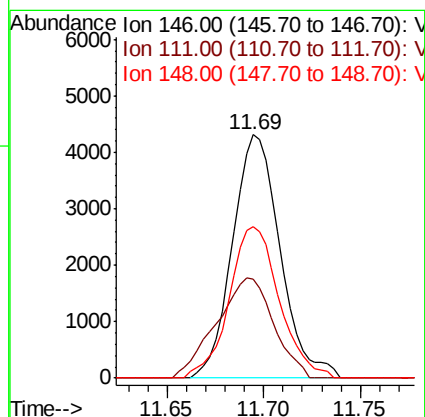
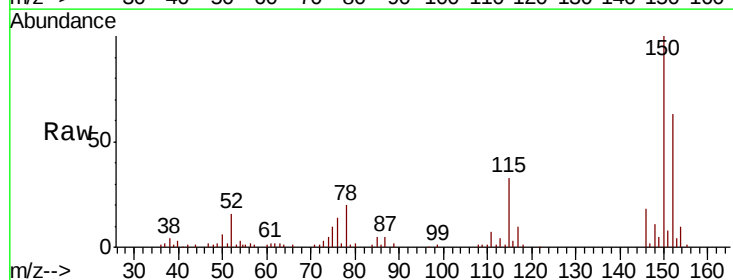
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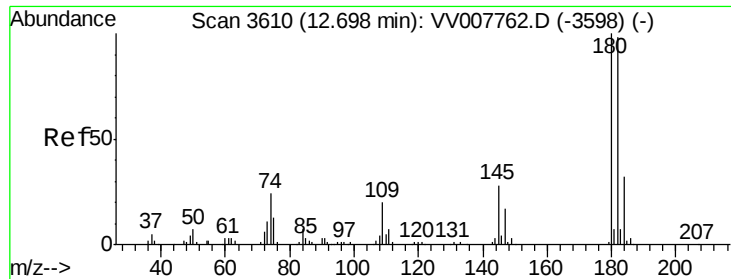
Tgt Ion:146 Resp: 6191
 Ion Ratio Lower Upper
 146 100
 111 39.0 24.4 45.4
 148 63.5 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 2.405 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

Tgt Ion:146 Resp: 7382
 Ion Ratio Lower Upper
 146 100
 111 40.6 29.8 44.8
 148 62.0 50.8 76.2

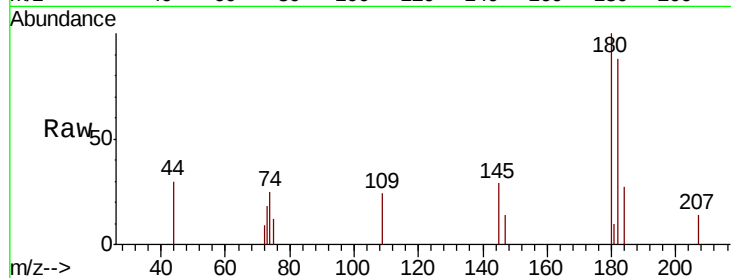




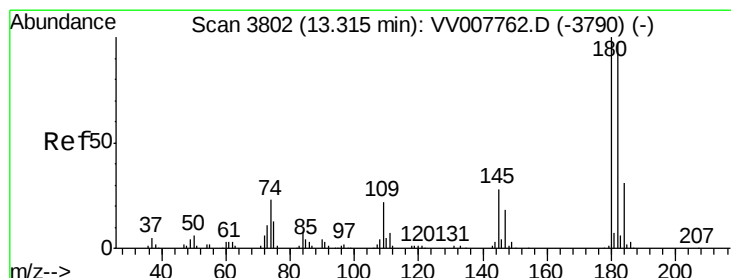
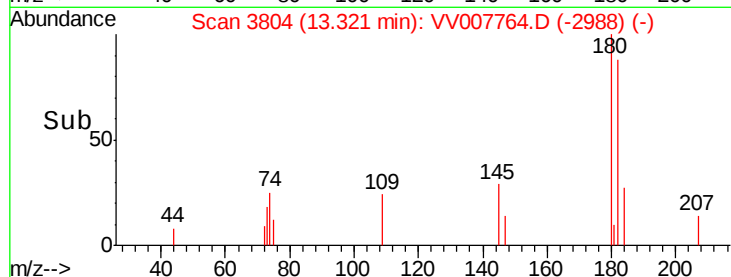
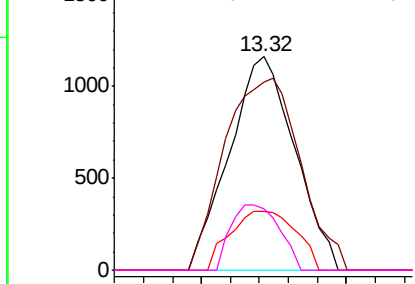
#67
 1,3,5-Trichlorobenzene
 Concen: 0.714 ug/L
 RT: 13.32 min Scan# 3804
 Delta R.T. 0.62 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T2

Tgt Ion:180 Resp: 1821
 Ion Ratio Lower Upper
 180 100
 182 104.1 77.6 116.4
 184 27.7 24.7 37.1
 145 22.7 21.8 32.8

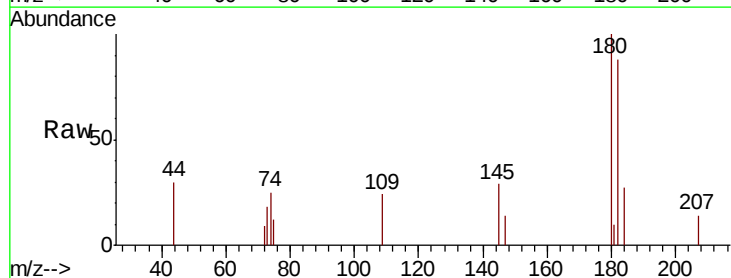


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.796 ug/L
 RT: 13.32 min Scan# 3804
 Delta R.T. 0.01 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

Tgt Ion:180 Resp: 1821
 Ion Ratio Lower Upper
 180 100
 182 104.1 77.0 115.6
 145 22.7 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

