

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007753.D
 Acq On : 22 Sep 2018 23:17
 Operator : SY/MD
 Sample : J5012-02 25X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Quant Time: Sep 24 02:36:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43827	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	43523	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.14	63	83776	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	3.95	46	63398	95.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.41	84	95205	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.09	65	66946	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.11	84	198170	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.13	67	59062	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.36	98	202386	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.67	79	23636	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.24%
47) 2-Hexanone-d5	8.14	63	49233	93.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85740	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	97062	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.14	101	978	0.397 ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	978	0.699 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	809	0.660 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1129	0.672 ug/L #	74
33) Benzene	5.15	78	4246	1.004 ug/L	100
37) 1,2-Dichloropropane	6.13	63	7323	6.877 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1711	1.000 ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	1238	0.762 ug/L #	79
51) Chlorobenzene	8.93	112	49508	13.710 ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	2878	1.911 ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	11159	3.673 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	119734	37.996 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	75504	24.579 ug/L	99
67) 1,3,5-Trichlorobenzene	13.32	180	180551	70.760 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	180551	78.843 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	57428	24.810 ug/L	98

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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration

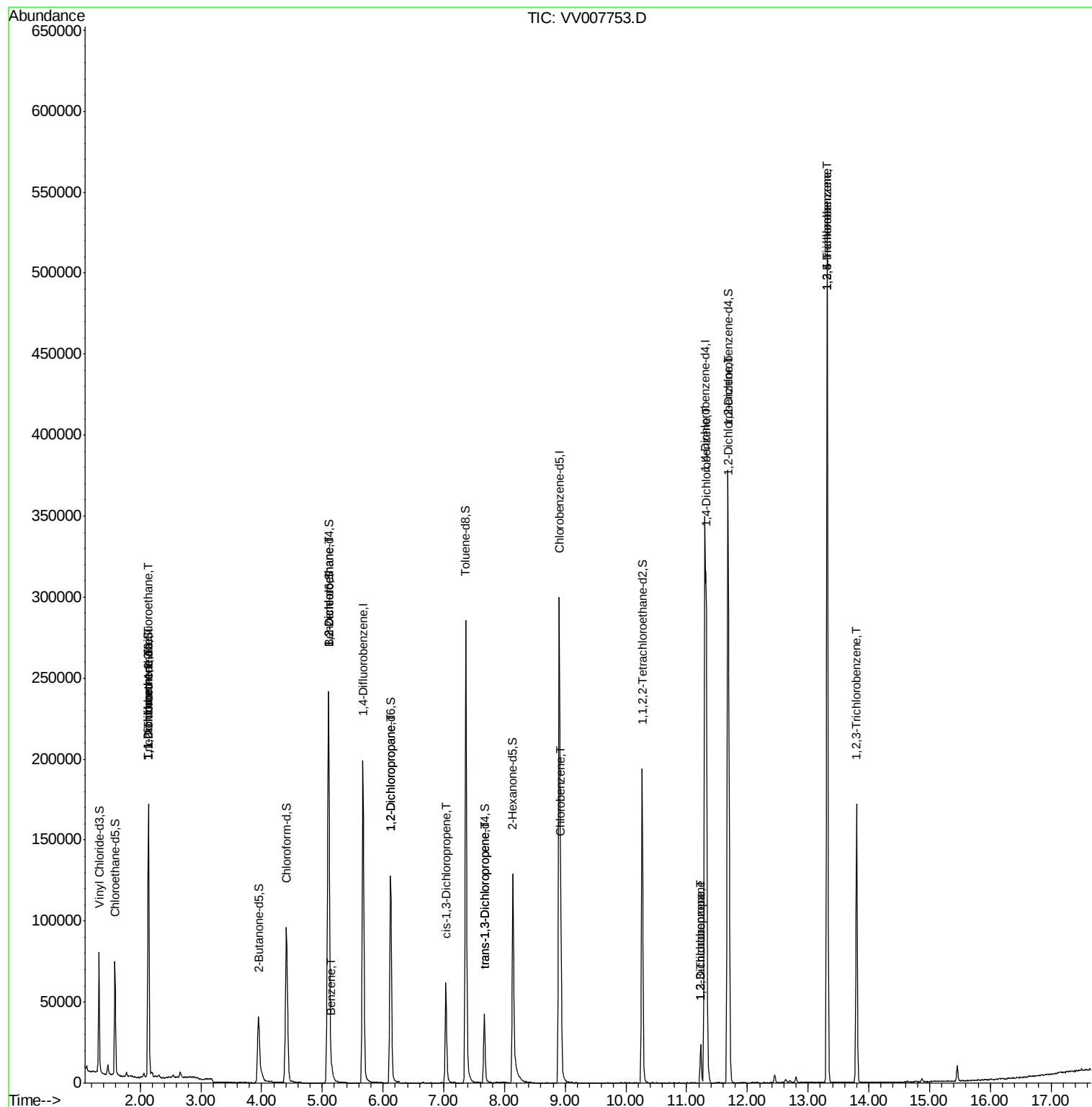
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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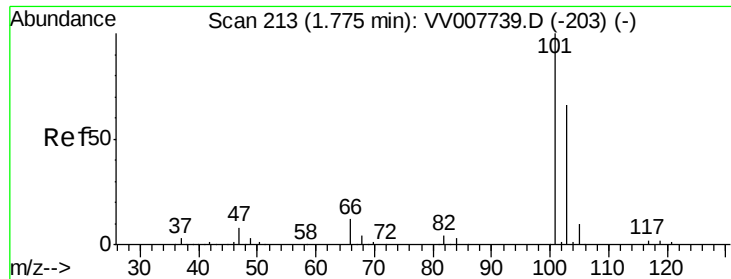
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007753.D
Acq On : 22 Sep 2018 23:17
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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.397 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.36 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampled :

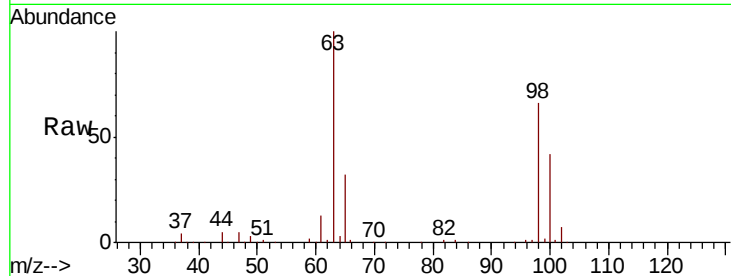
C08K4

Tgt Ion:101 Resp: 978

Ion Ratio Lower Upper

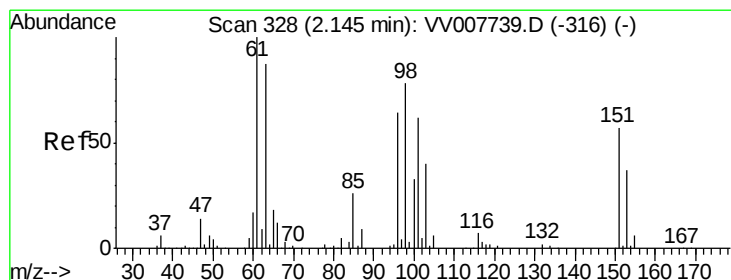
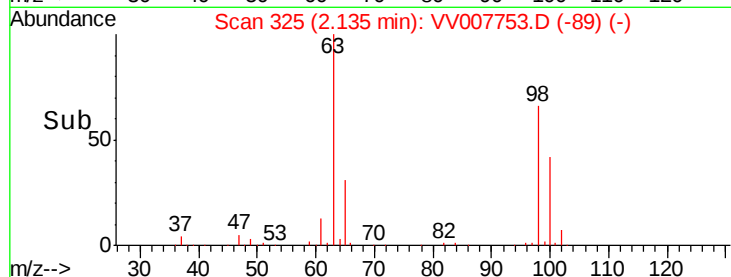
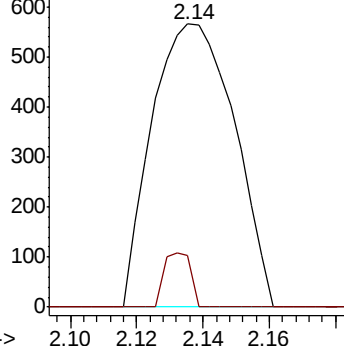
101 100

103 6.1 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: 0.699 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

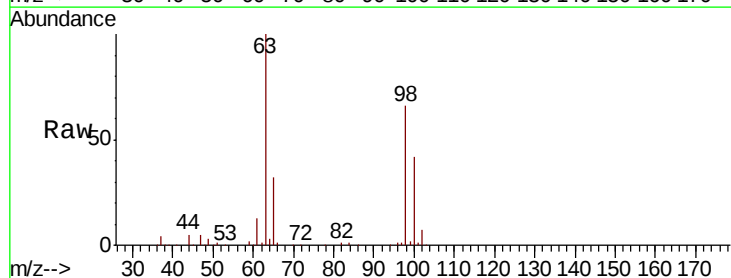
Tgt Ion:101 Resp: 978

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

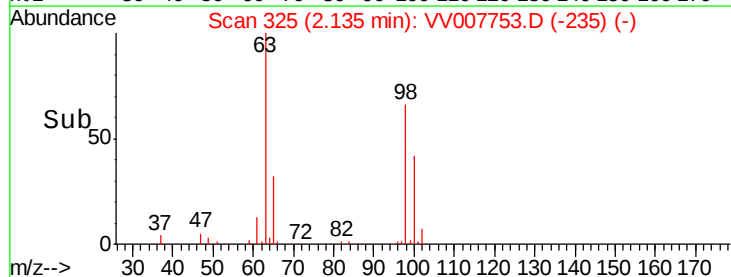
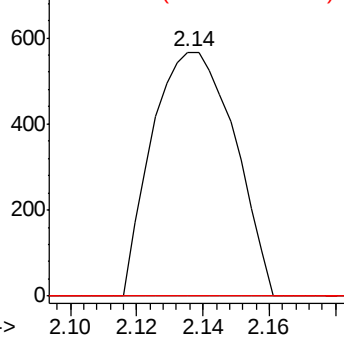
151 0.0 72.2 108.2#

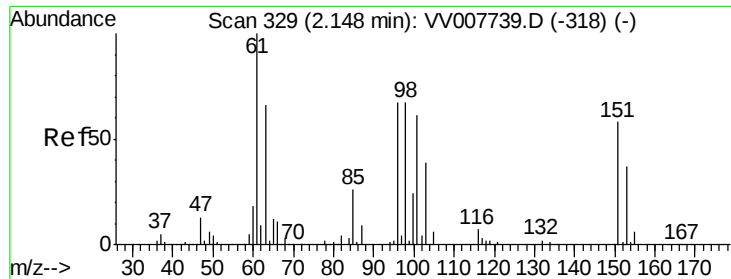


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

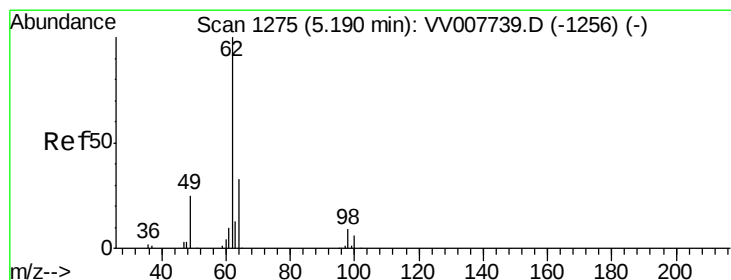
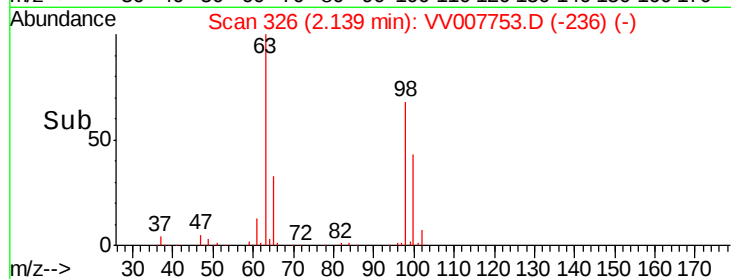
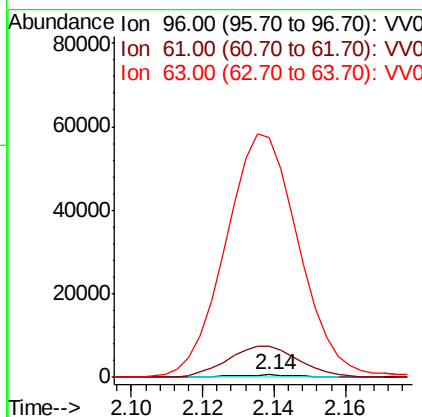
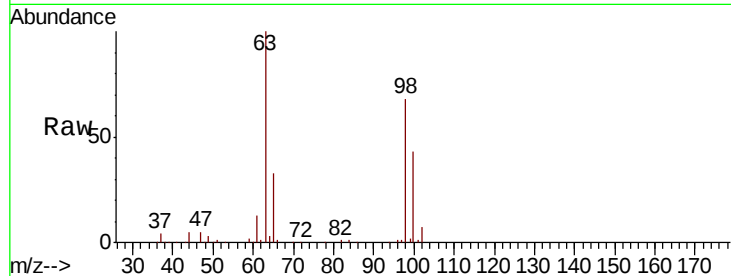




#12
 1,1-Dichloroethene
 Concen: 0.660 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

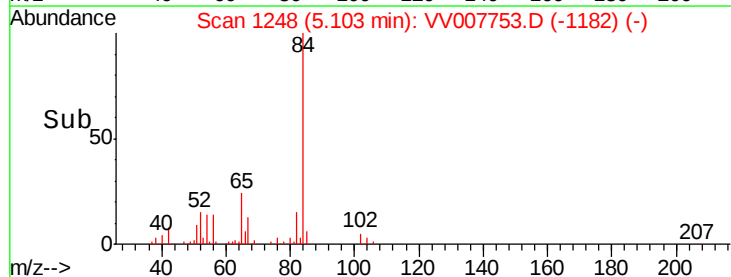
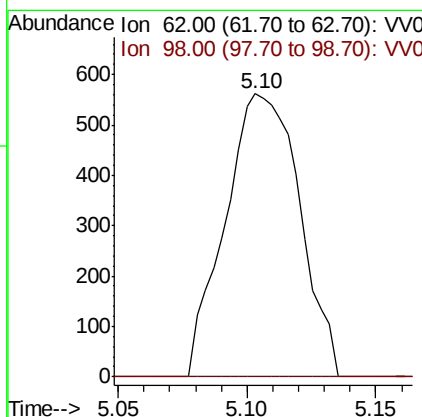
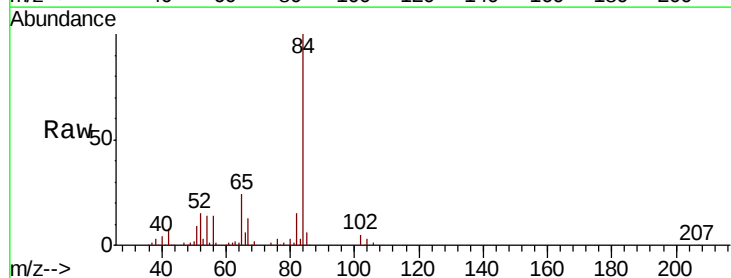
Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

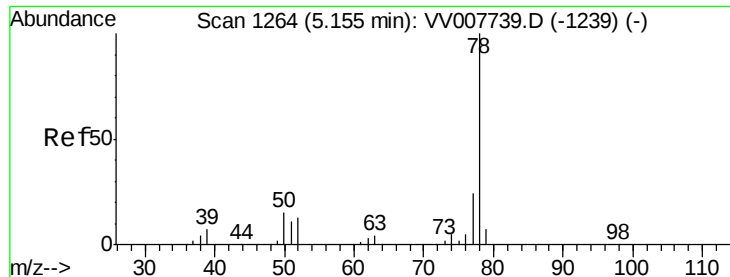
Tgt Ion: 96 Resp: 809
 Ion Ratio Lower Upper
 96 100
 61 1263.7 107.3 199.3#
 63 9608.0 78.8 146.4#



#27
 1,2-Dichloroethane
 Concen: 0.672 ug/L
 RT: 5.10 min Scan# 1248
 Delta R.T. -0.09 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Tgt Ion: 62 Resp: 1129
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





#33

Benzene

Concen: 1.004 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

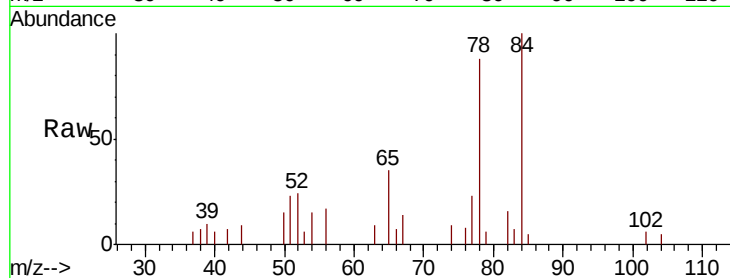
Instrument :

MSVOA_V

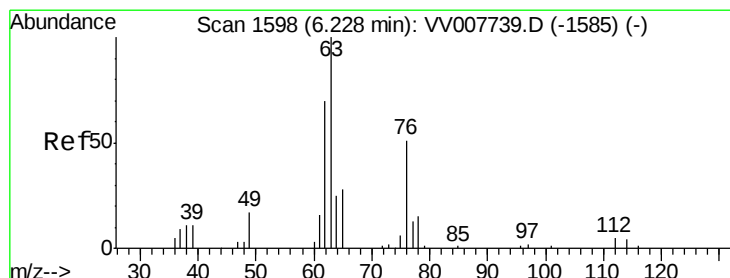
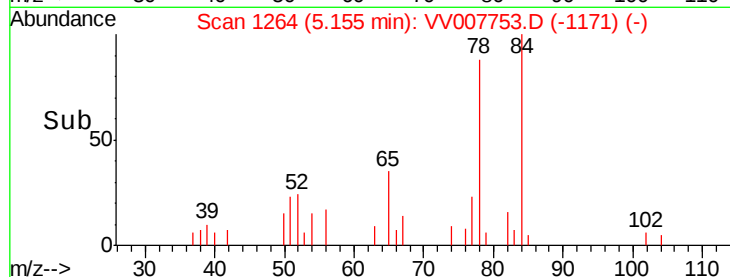
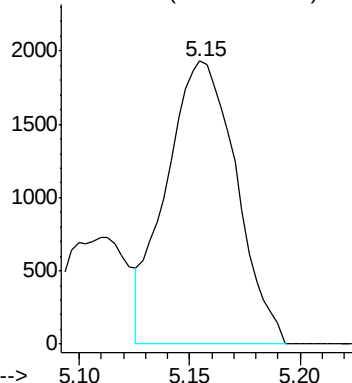
ClientSampled :

C08K4

Tgt Ion: 78 Resp: 4246



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 6.877 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007753.D

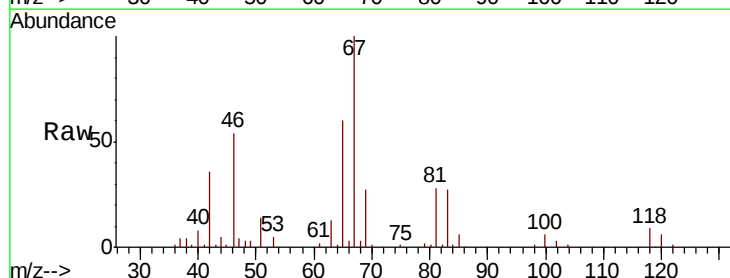
Acq: 22 Sep 2018 23:17

Tgt Ion: 63 Resp: 7323

Ion Ratio Lower Upper

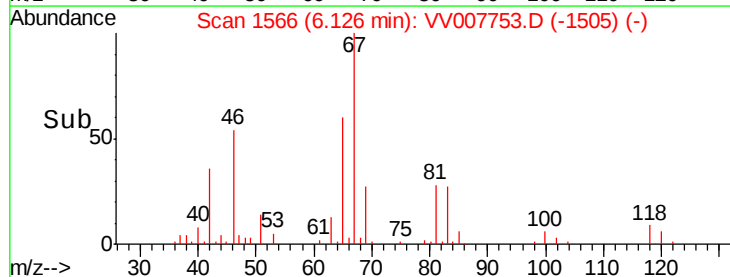
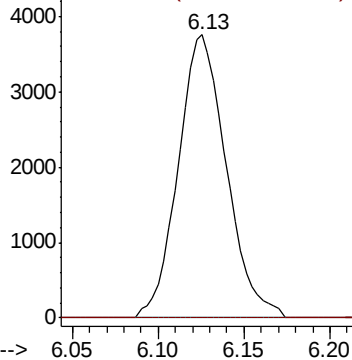
63 100

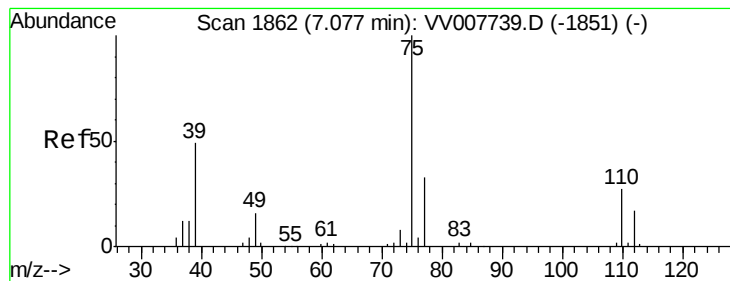
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



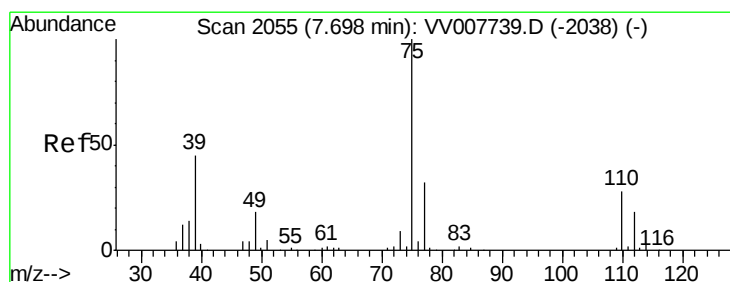
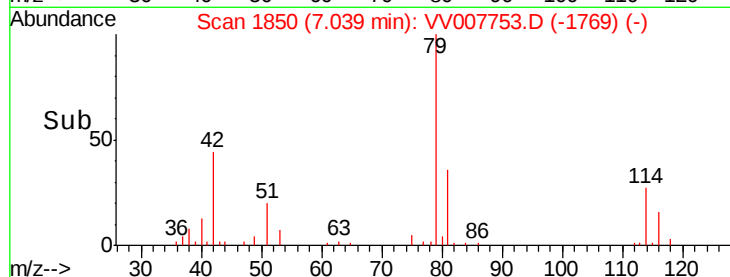
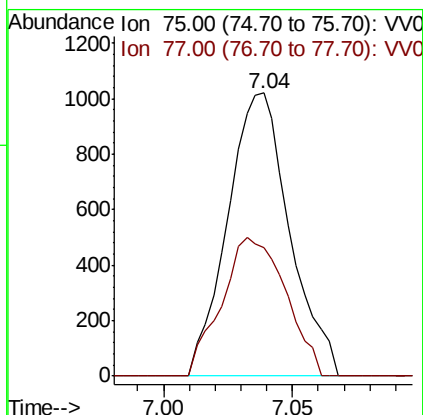
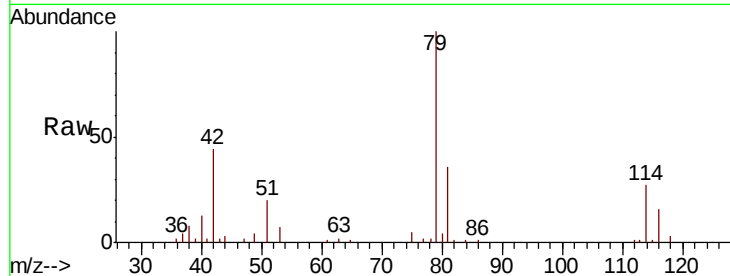


#39

cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

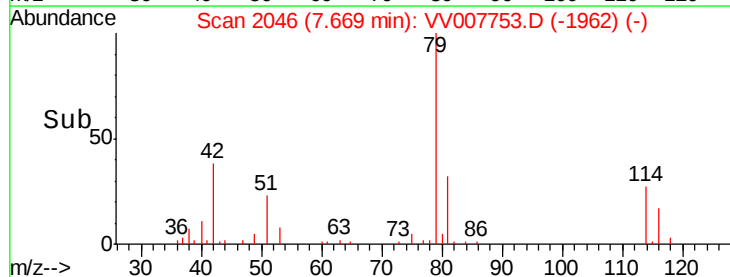
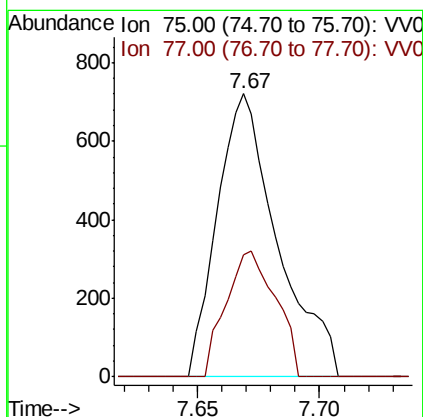
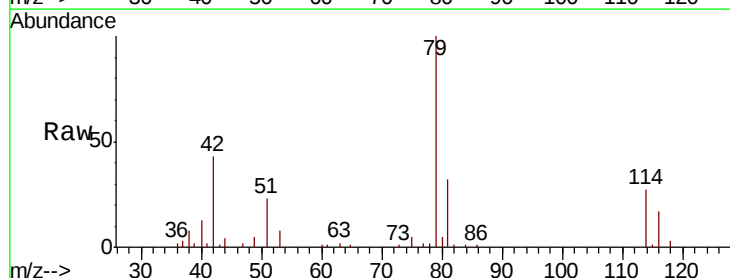
Tgt Ion: 75 Resp: 1711
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.0 40.8#

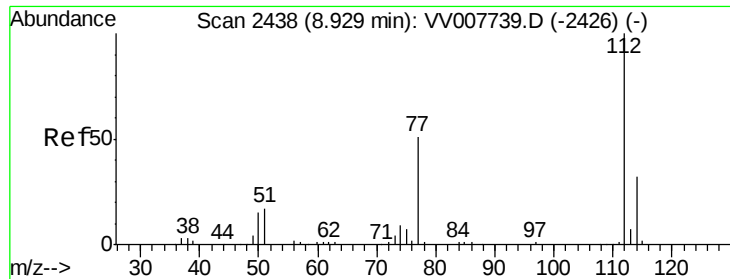


#44

trans-1,3-Dichloropropene
 Concen: 0.762 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Tgt Ion: 75 Resp: 1238
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.0 40.8#





#51

Chlorobenzene

Concen: 13.710 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

C08K4

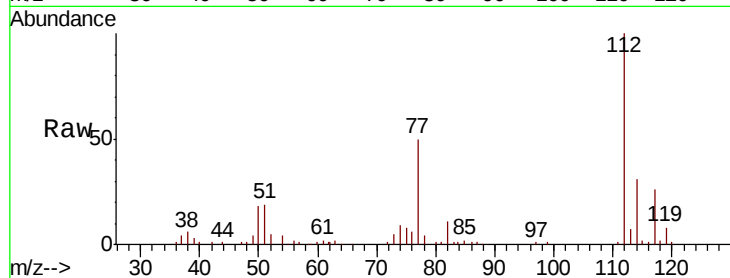
Tgt Ion: 112 Resp: 49508

Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.3

77 50.0 40.6 60.8

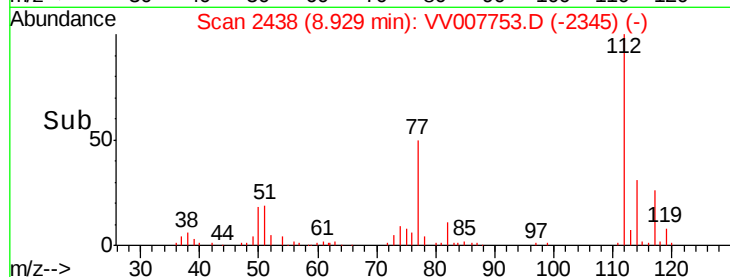


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

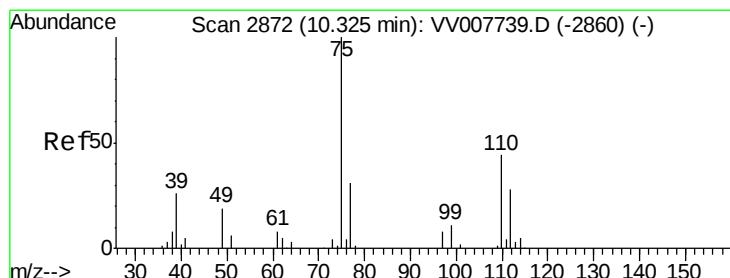
Ion 77.00 (76.70 to 77.70): V

Time-->



8.93

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.911 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.91 min

Lab File: VV007753.D

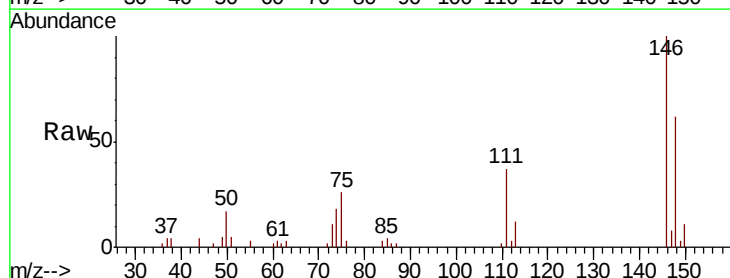
Acq: 22 Sep 2018 23:17

Tgt Ion: 75 Resp: 2878

Ion Ratio Lower Upper

75 100

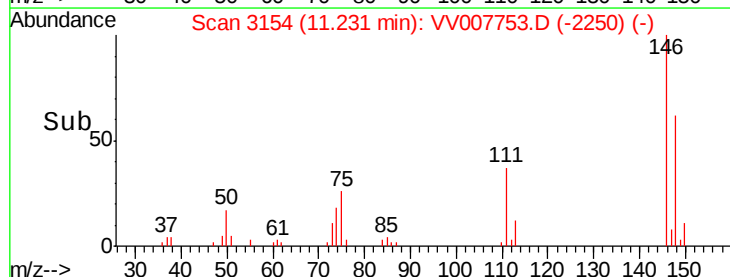
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

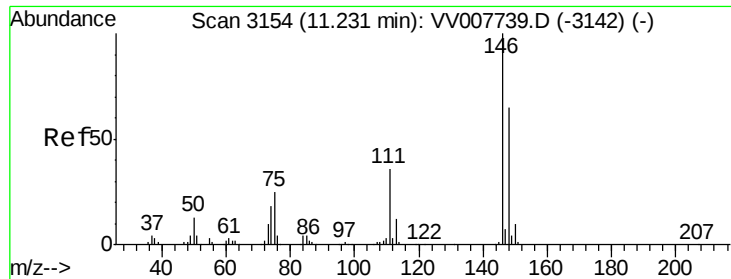
Ion 77.00 (76.70 to 77.70): VV0

Time-->



11.23

Time-->



#62

1,3-Dichlorobenzene

Concen: 3.673 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

C08K4

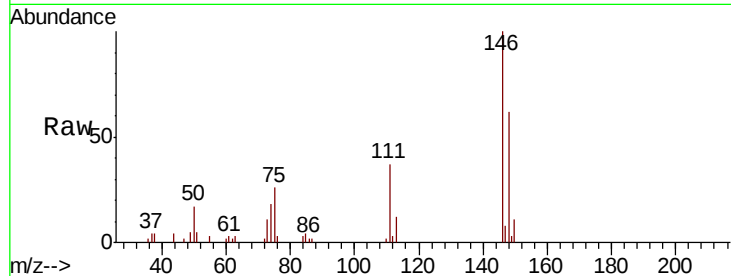
Tgt Ion:146 Resp: 11159

Ion Ratio Lower Upper

146 100

111 37.0 25.1 46.7

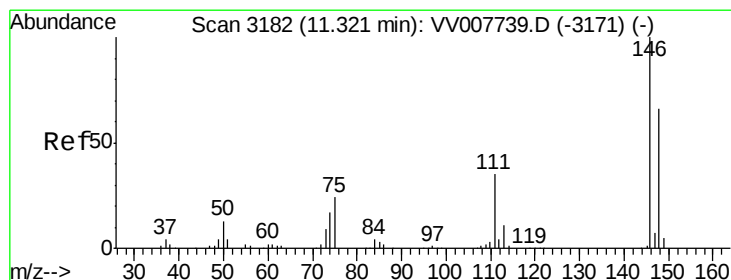
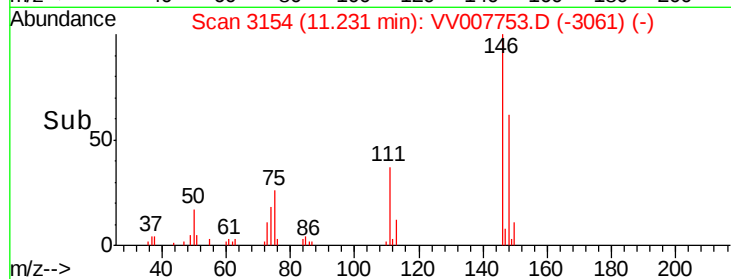
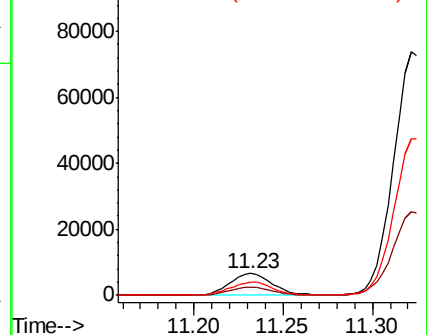
148 62.1 45.1 83.9



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



#63

1,4-Dichlorobenzene

Concen: 37.996 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

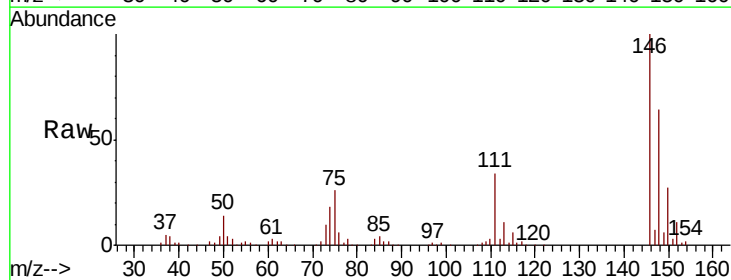
Tgt Ion:146 Resp: 119734

Ion Ratio Lower Upper

146 100

111 34.2 24.4 45.4

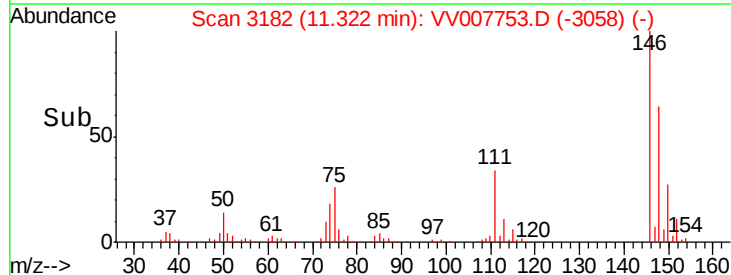
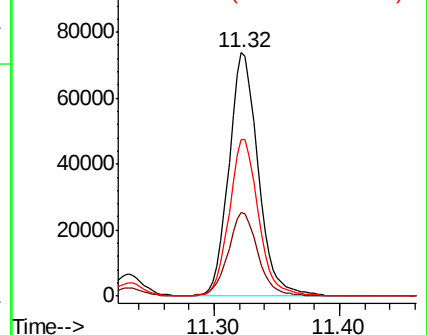
148 64.3 45.1 83.7

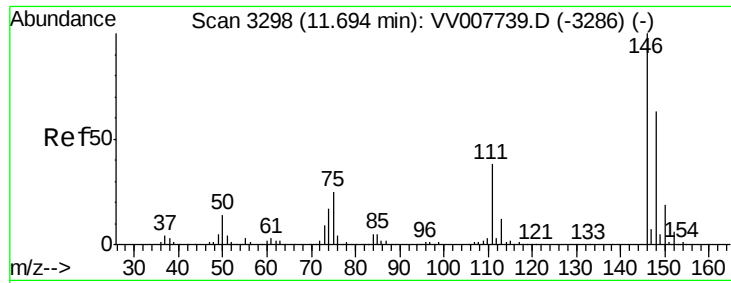


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

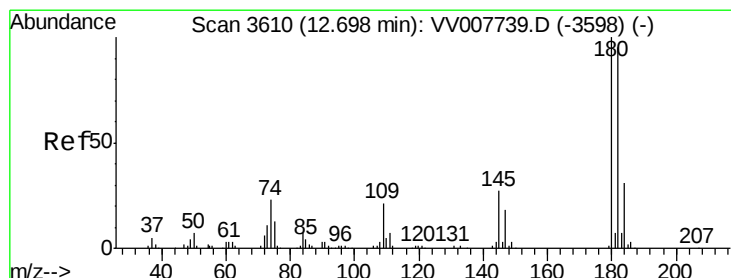
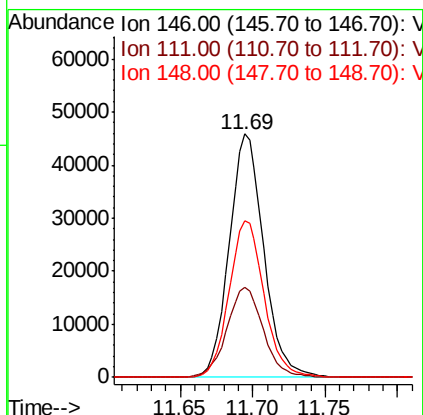
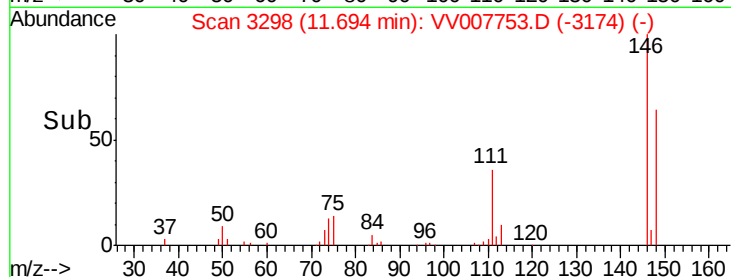
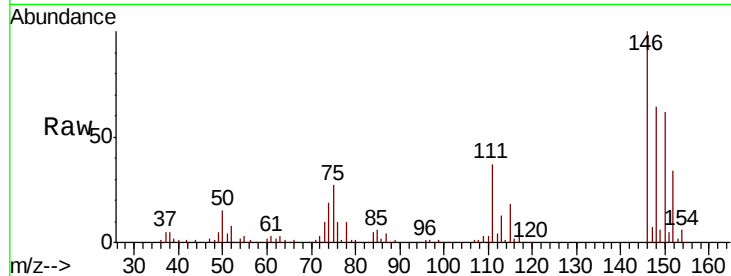




#65
 1,2-Dichlorobenzene
 Concen: 24.579 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

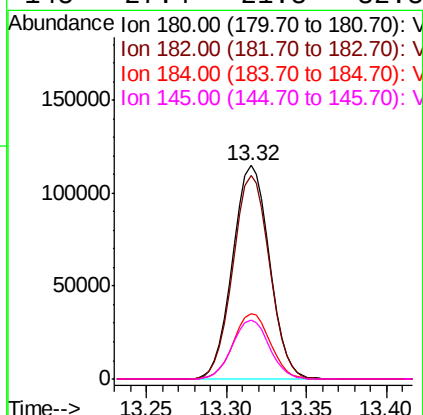
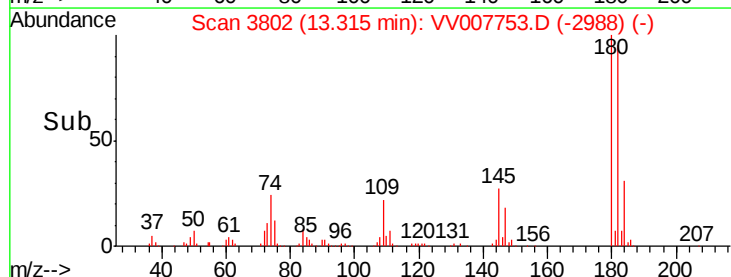
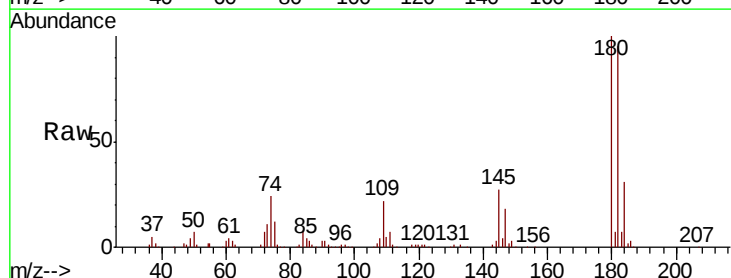
Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

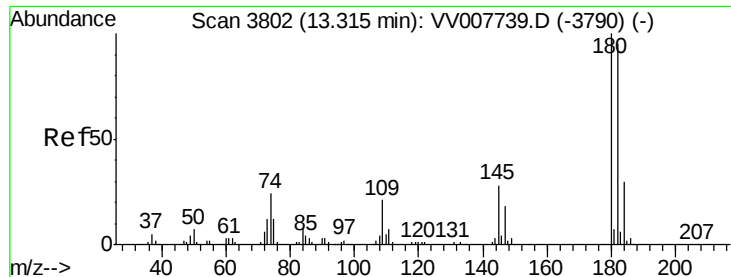
Tgt Ion:146 Resp: 75504
 Ion Ratio Lower Upper
 146 100
 111 37.0 29.8 44.8
 148 64.3 50.8 76.2



#67
 1,3,5-Trichlorobenzene
 Concen: 70.760 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.62 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Tgt Ion:180 Resp: 180551
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.6 116.4
 184 30.6 24.7 37.1
 145 27.4 21.8 32.8

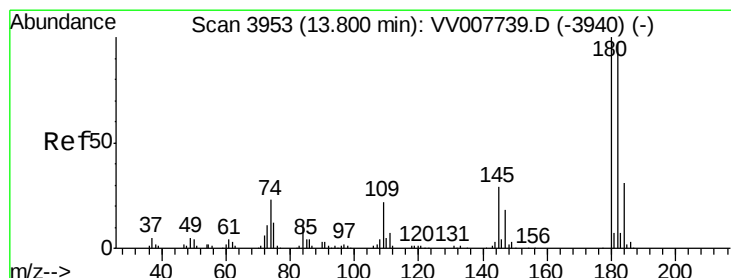
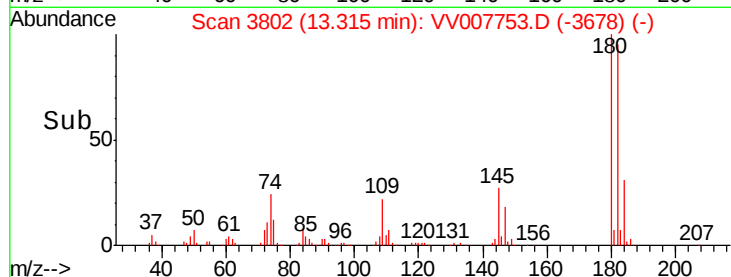
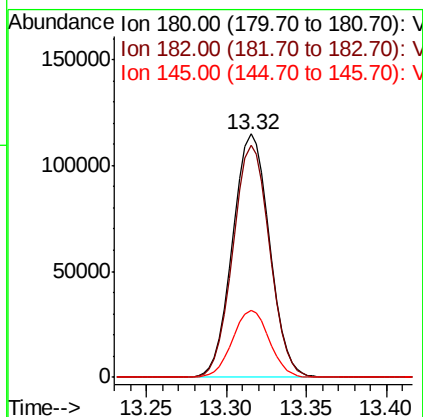
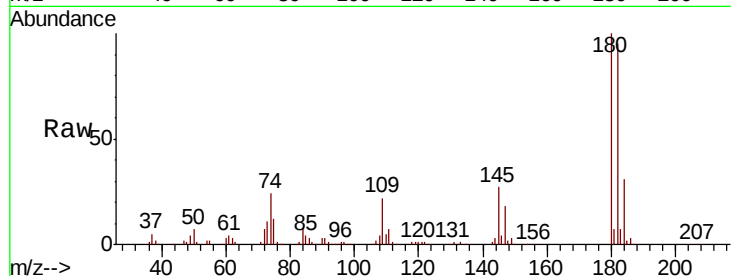




#68
 1,2,4-trichlorobenzene
 Concen: 78.843 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Tgt Ion:180 Resp: 180551
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.6
 145 27.4 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 24.810 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Tgt Ion:180 Resp: 57428
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.4 116.2
 145 28.6 23.3 34.9

