

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007758.D
 Acq On : 23 Sep 2018 01:21
 Operator : SY/MD
 Sample : J5012-03 500X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

Quant Time: Sep 24 02:37:31 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	188066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37953	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.59	69	39519	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.10%
11) 1,1-Dichloroethene-d2	2.14	63	77438	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.95	46	59498	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.41	84	90478	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
26) 1,2-Dichloroethane-d4	5.09	65	60912	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
32) Benzene-d6	5.11	84	182012	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
36) 1,2-Dichloropropane-d6	6.13	67	53117	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.36	98	184855	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.67	79	21181	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
47) 2-Hexanone-d5	8.14	63	45350	84.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80149	41.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	89536	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	734	0.588 ug/L #	1
16) Methylene chloride	2.54	84	1380	1.009 ug/L	91
27) 1,2-Dichloroethane	5.15	62	915	0.535 ug/L #	74
33) Benzene	5.15	78	161075	37.246 ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	1480	0.846 ug/L #	50
44) trans-1,3-Dichloropropene	7.67	75	1021	0.614 ug/L #	76
48) 2-Hexanone	8.14	43	5221	4.707 ug/L #	74
51) Chlorobenzene	8.93	112	446706	120.974 ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	3809	2.474 ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	16077	5.127 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	187068	57.518 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	192979	60.867 ug/L	99
67) 1,3,5-Trichlorobenzene	13.32	180	16321	6.198 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	16321	6.905 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	5013	2.098 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007758.D
Acq On : 23 Sep 2018 01:21
Operator : SY/MD
Sample : J5012-03 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08K5

Quant Time: Sep 24 02:37:31 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

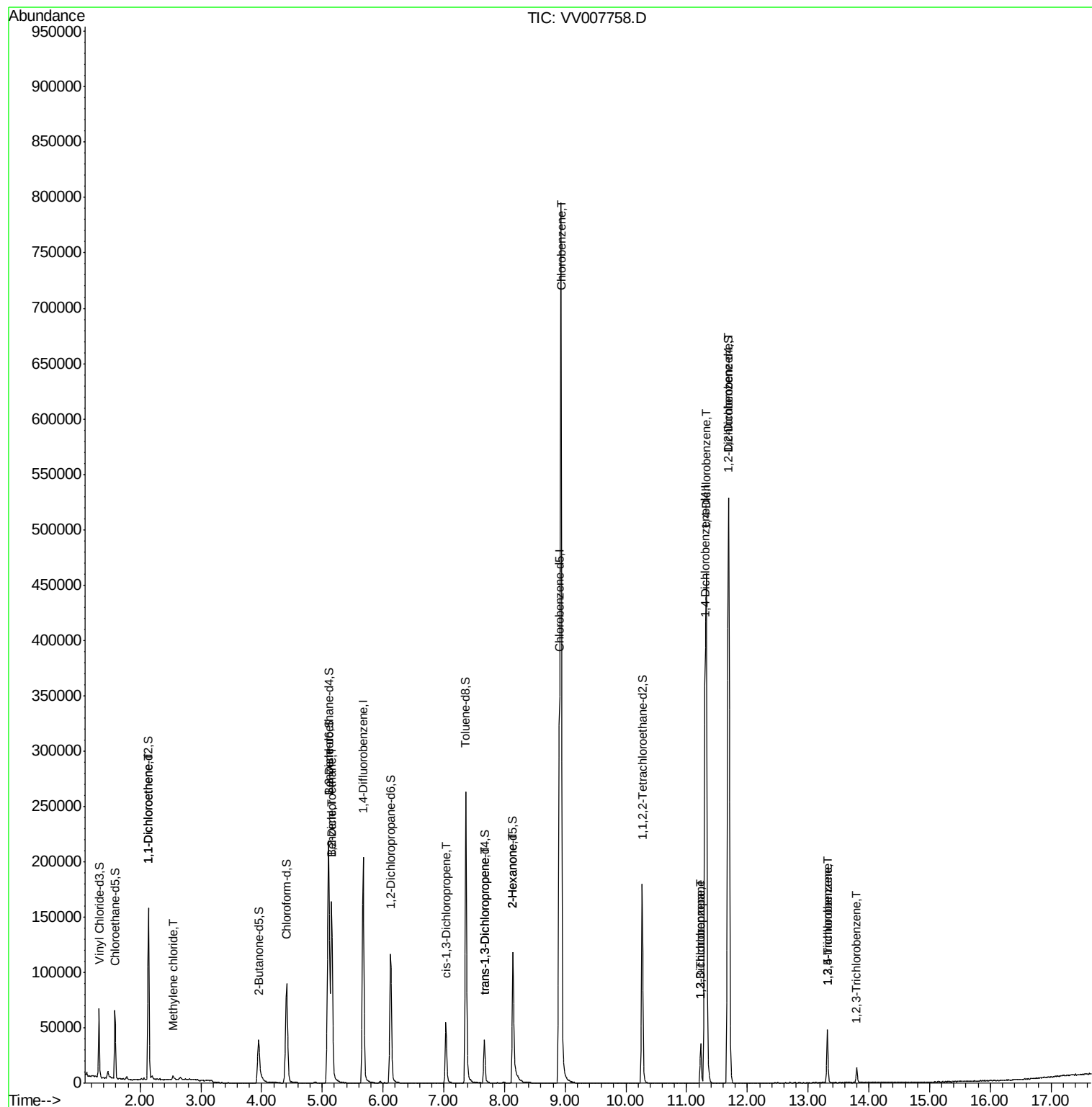
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

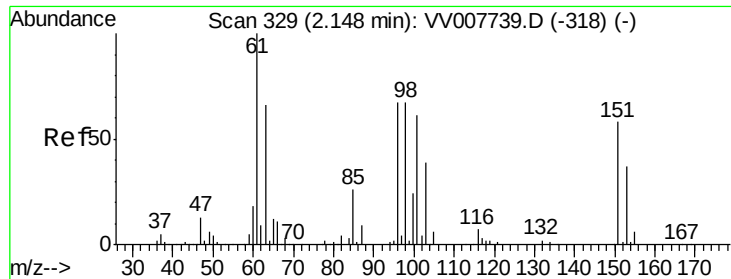
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007758.D
Acq On : 23 Sep 2018 01:21
Operator : SY/MD
Sample : J5012-03 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08K5

Quant Time: Sep 24 02:37:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration

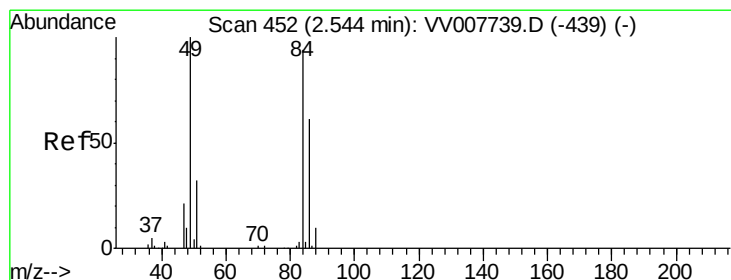
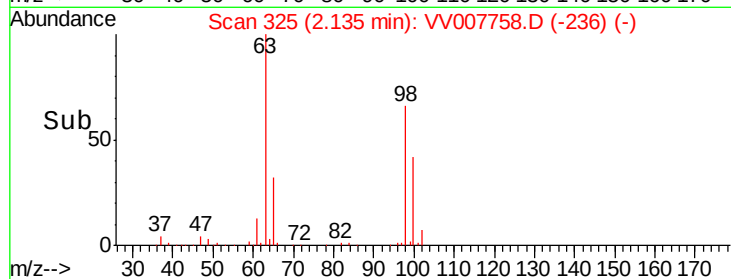
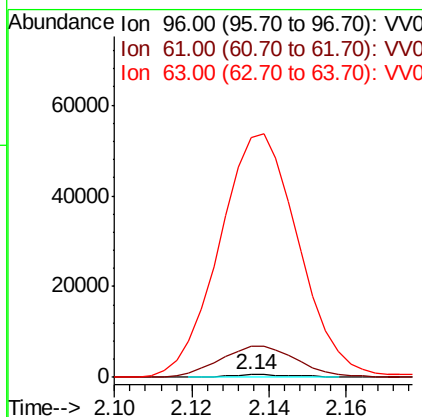
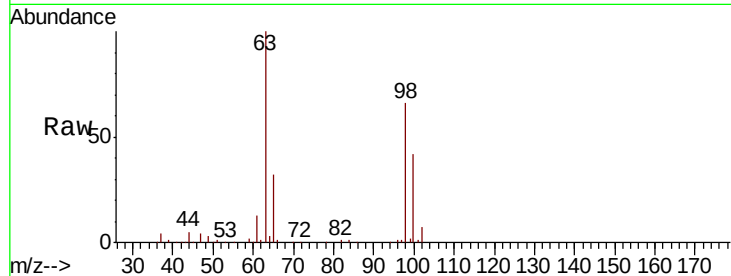




#12
 1,1-Dichloroethene
 Concen: 0.588 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

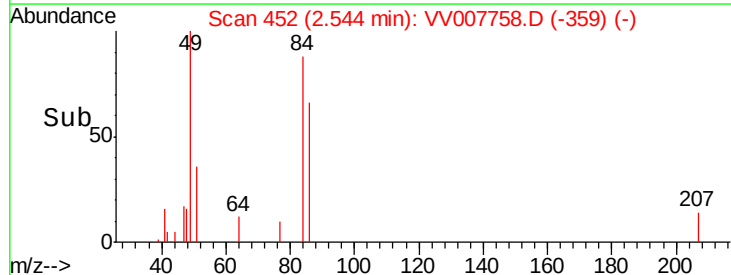
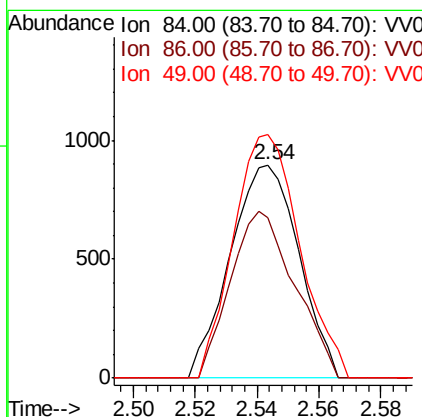
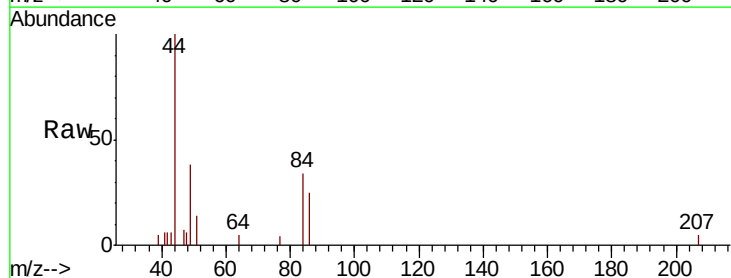
Instrument :
 MSVOA_V
 ClientSampled :
 C08K5

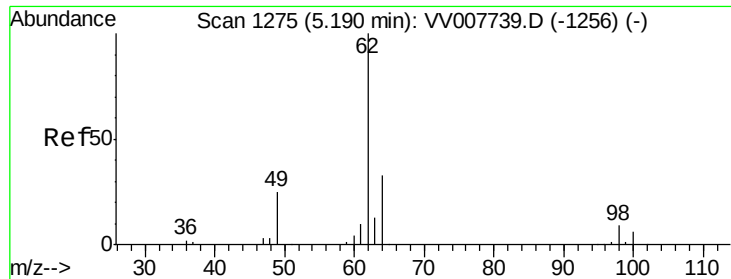
Tgt Ion: 96 Resp: 734
 Ion Ratio Lower Upper
 96 100
 61 1293.4 107.3 199.3#
 63 10043.3 78.8 146.4#



#16
 Methylene chloride
 Concen: 1.009 ug/L
 RT: 2.54 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Tgt Ion: 84 Resp: 1380
 Ion Ratio Lower Upper
 84 100
 86 75.0 45.4 84.4
 49 114.2 75.3 139.9





#27

1,2-Dichloroethane

Concen: 0.535 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

Instrument :

MSVOA_V

ClientSampleId :

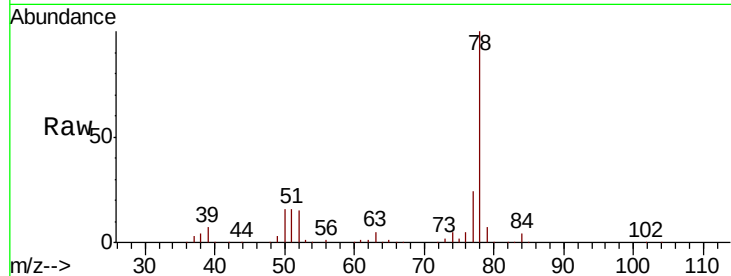
C08K5

Tgt Ion: 62 Resp: 915

Ion Ratio Lower Upper

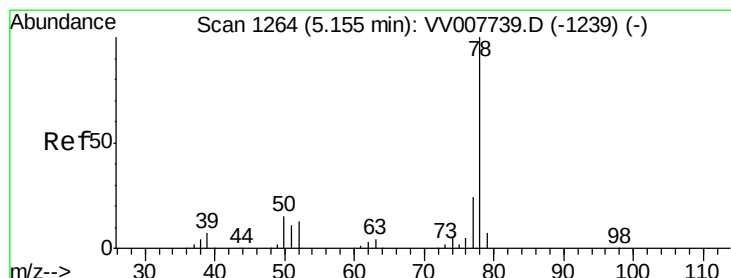
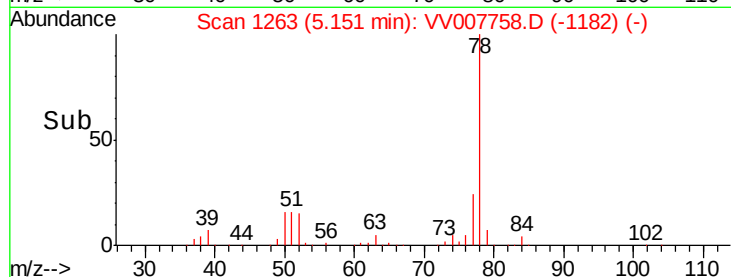
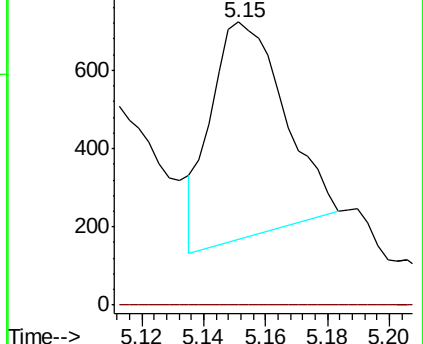
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 37.246 ug/L

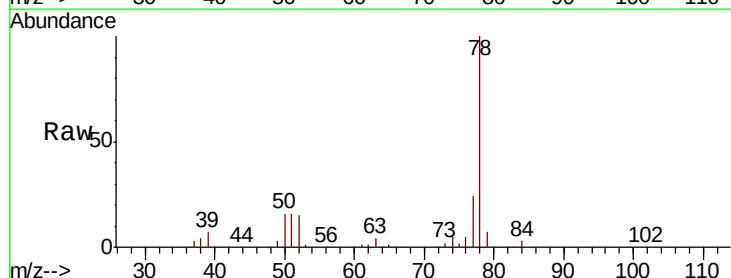
RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

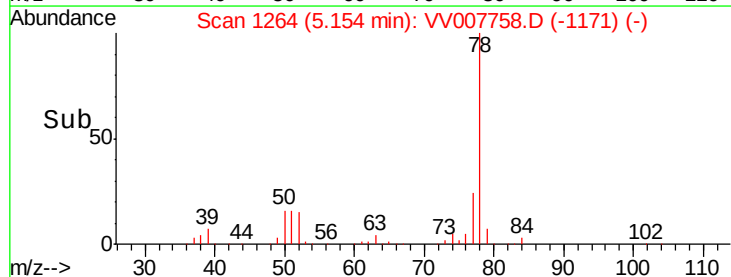
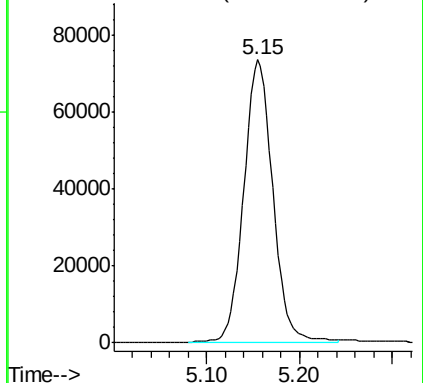
Lab File: VV007758.D

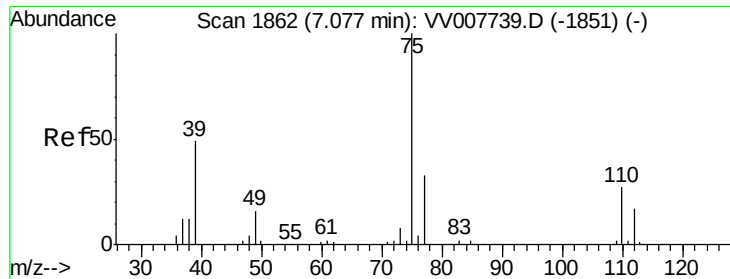
Acq: 23 Sep 2018 01:21

Tgt Ion: 78 Resp: 161075



Abundance Ion 78.00 (77.70 to 78.70): VV0

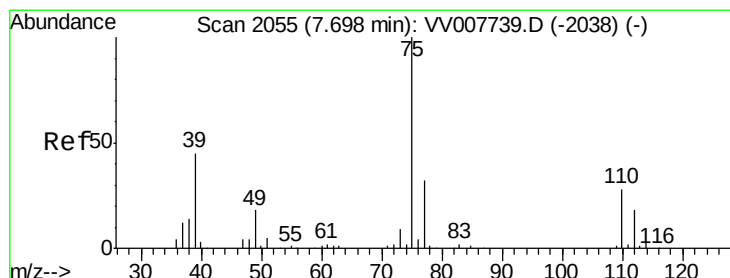
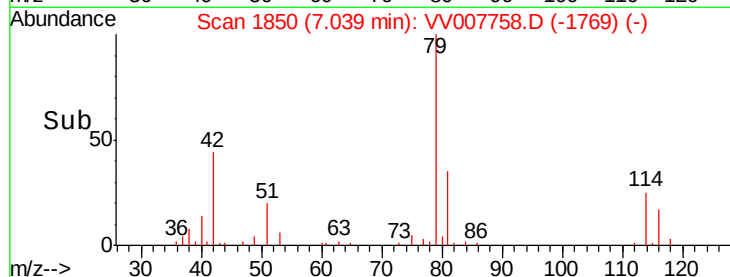
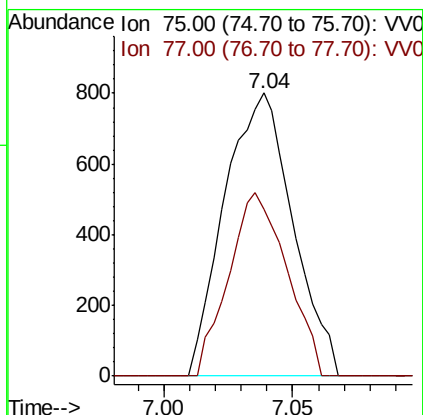
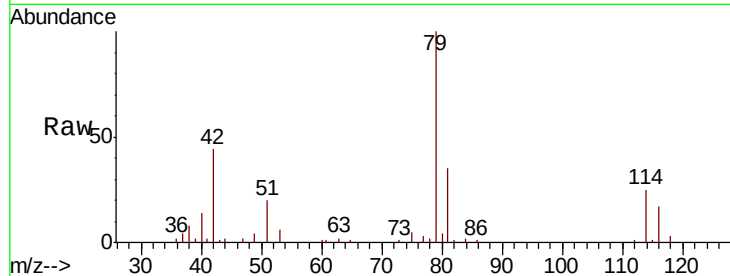




#39
 cis-1,3-Dichloropropene
 Concen: 0.846 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

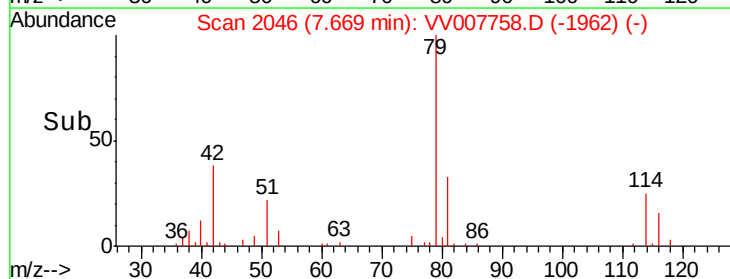
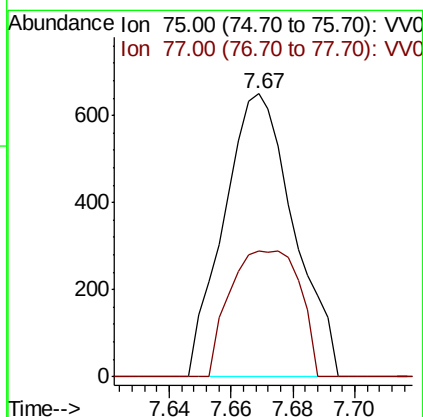
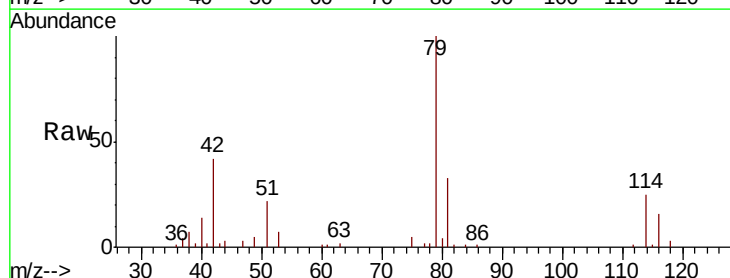
Instrument :
 MSVOA_V
 ClientSampled :
 C08K5

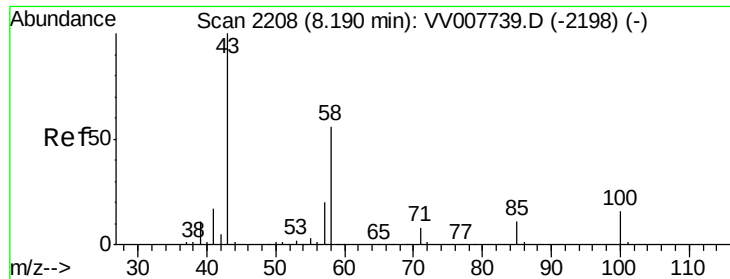
Tgt Ion: 75 Resp: 1480
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.614 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Tgt Ion: 75 Resp: 1021
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.0 40.8#

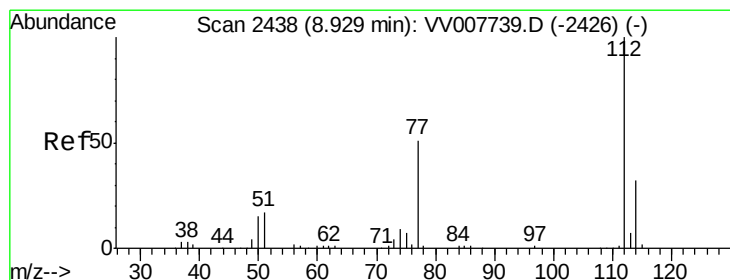
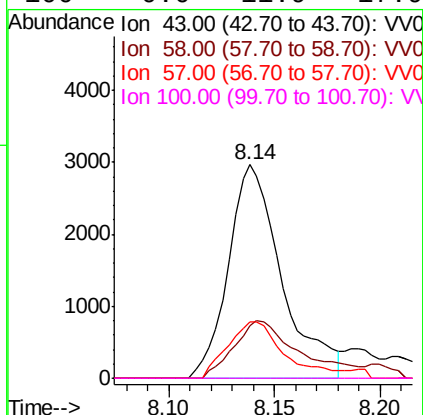
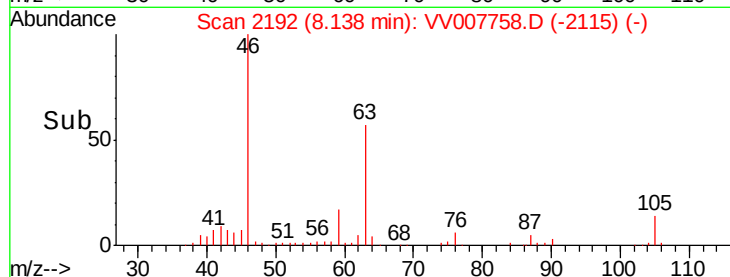
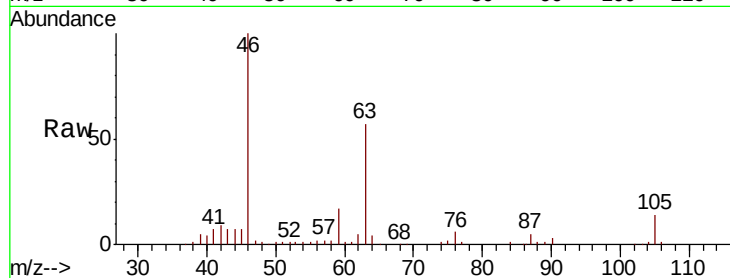




#48
2-Hexanone
Concen: 4.707 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007758.D
Acq: 23 Sep 2018 01:21

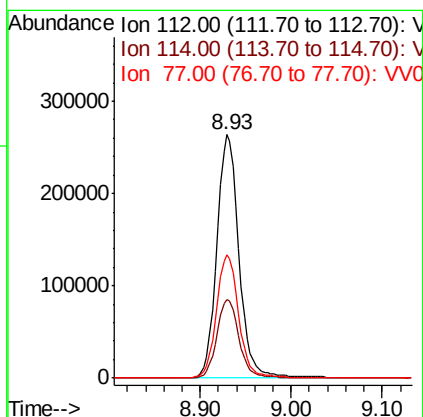
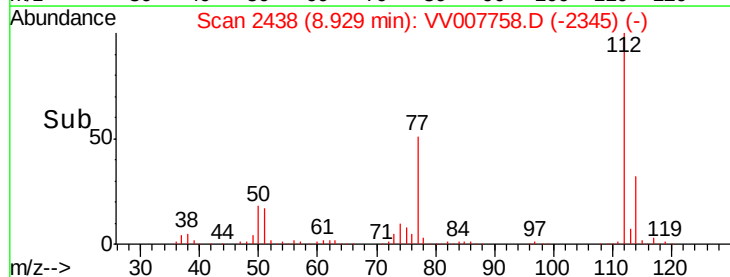
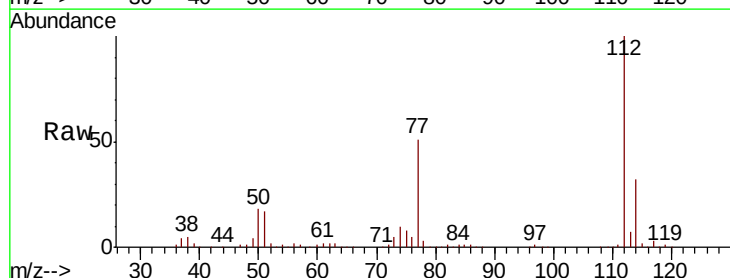
Instrument :
MSVOA_V
ClientSampleId :
C08K5

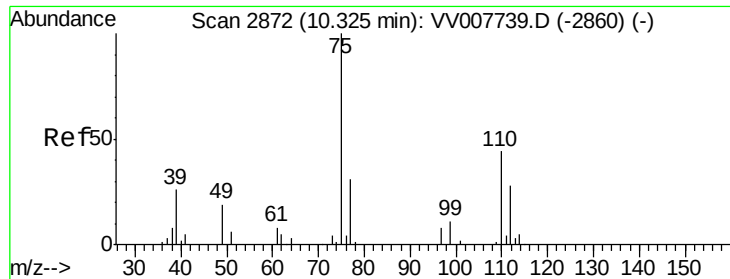
Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
58 33.1 41.4 62.0#
57 27.8 16.0 24.0#
100 0.0 11.9 17.9#



#51
Chlorobenzene
Concen: 120.974 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007758.D
Acq: 23 Sep 2018 01:21

Tgt Ion: 112 Resp: 446706
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 50.5 40.6 60.8





#59

1,2,3-Trichloropropane

Concen: 2.474 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.91 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

Instrument :

MSVOA_V

ClientSampleId :

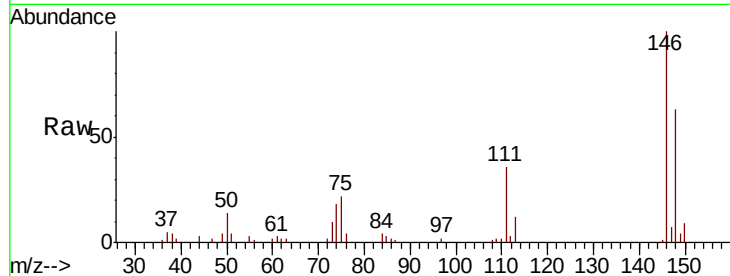
C08K5

Tgt Ion: 75 Resp: 3809

Ion Ratio Lower Upper

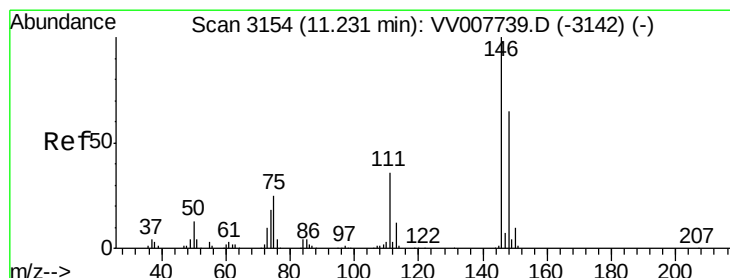
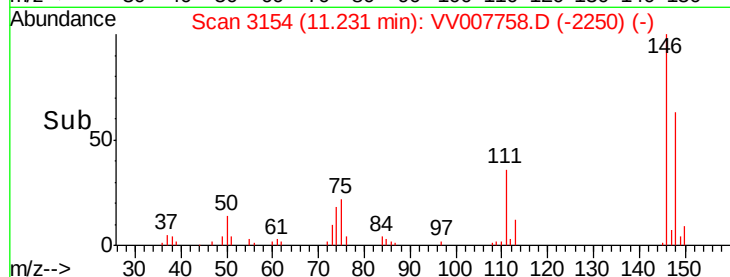
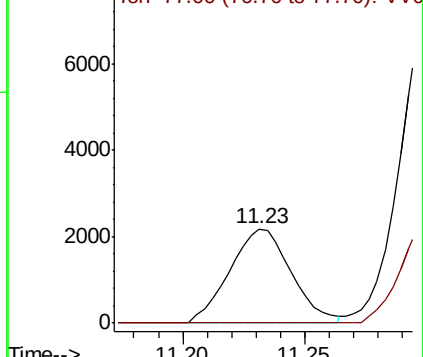
75 100

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV007739.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007739.D (-2860) (-)



#62

1,3-Dichlorobenzene

Concen: 5.127 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

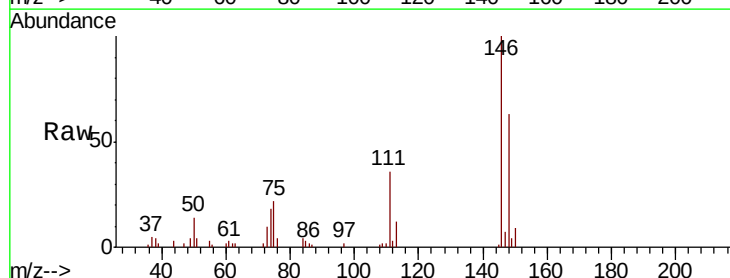
Tgt Ion: 146 Resp: 16077

Ion Ratio Lower Upper

146 100

111 36.3 25.1 46.7

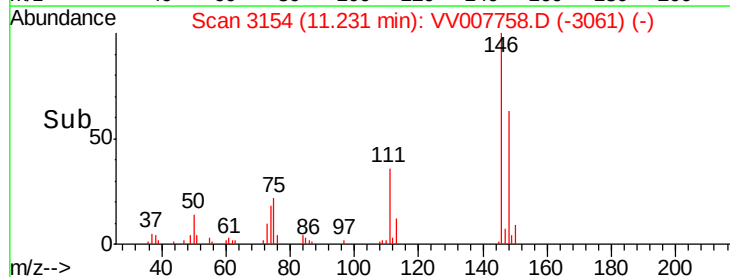
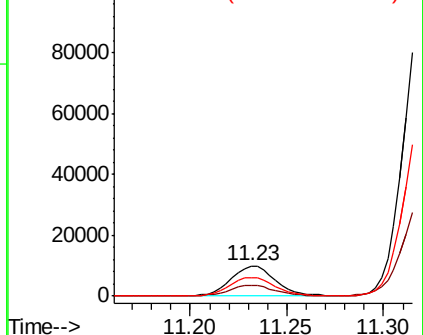
148 62.9 45.1 83.9

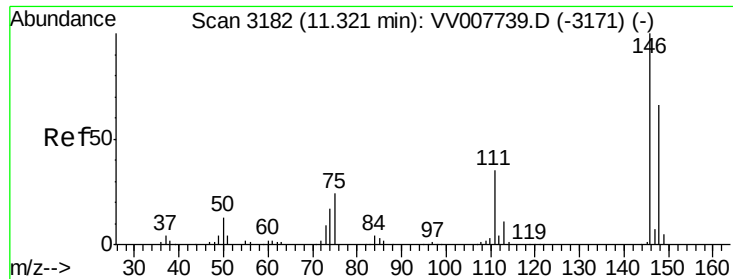


Abundance Ion 146.00 (145.70 to 146.70): VV007739.D (-3142) (-)

Ion 111.00 (110.70 to 111.70): VV007739.D (-3142) (-)

Ion 148.00 (147.70 to 148.70): VV007739.D (-3142) (-)

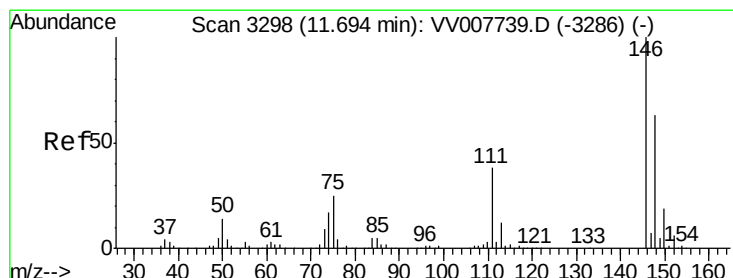
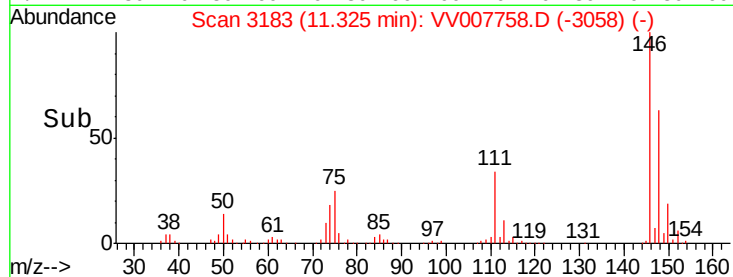
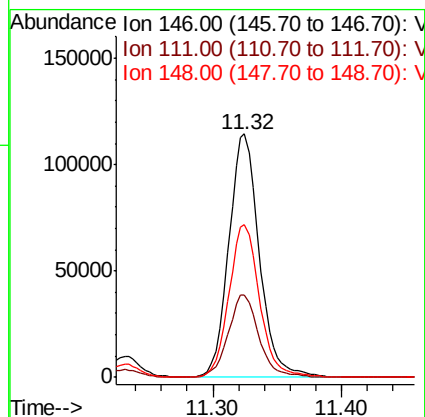
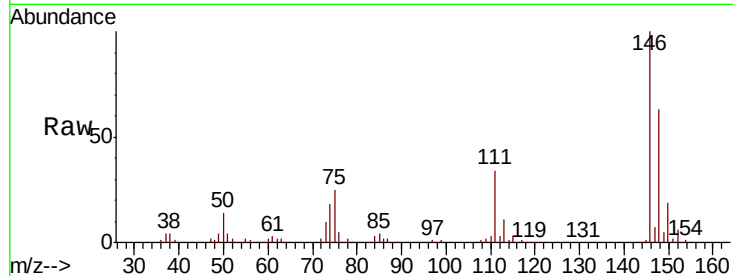




#63
 1,4-Dichlorobenzene
 Concen: 57.518 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

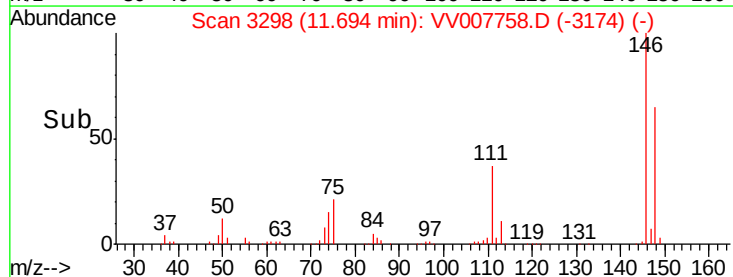
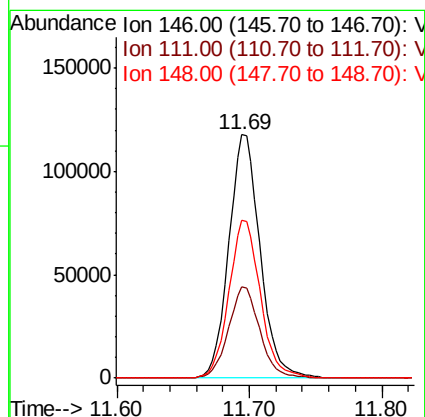
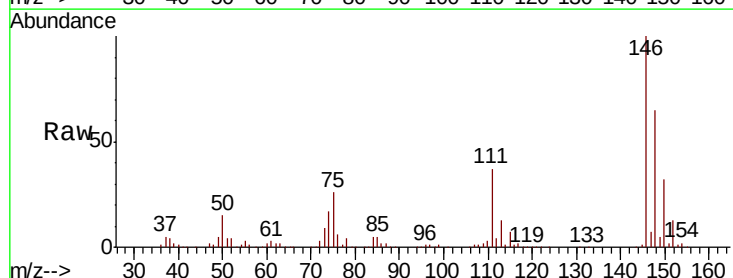
Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

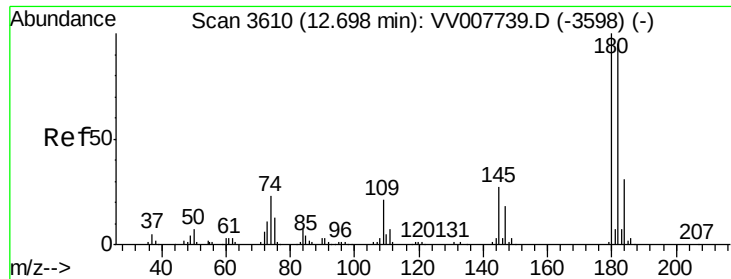
Tgt Ion:146 Resp: 187068
 Ion Ratio Lower Upper
 146 100
 111 33.8 24.4 45.4
 148 62.9 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 60.867 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Tgt Ion:146 Resp: 192979
 Ion Ratio Lower Upper
 146 100
 111 37.3 29.8 44.8
 148 64.8 50.8 76.2

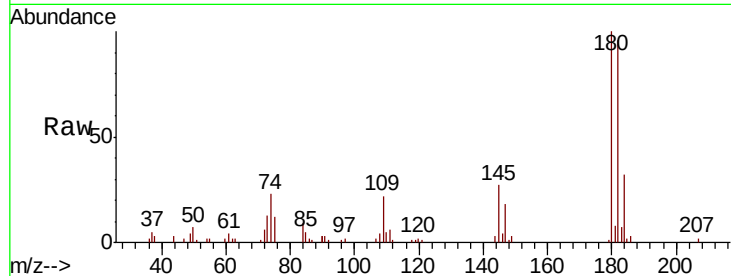




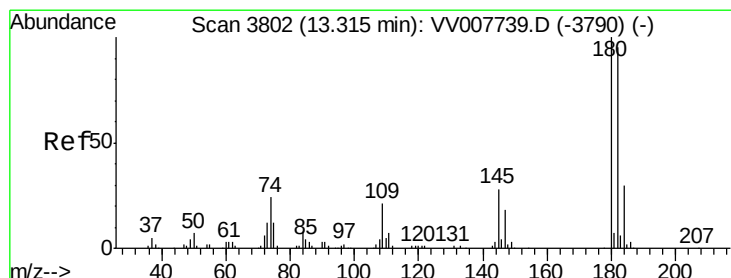
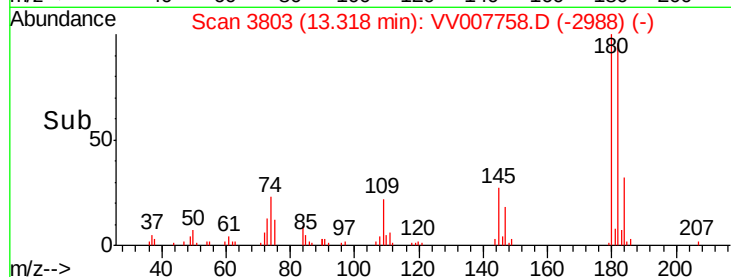
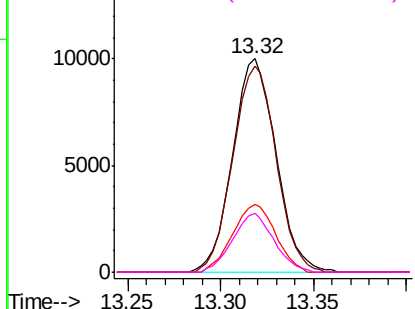
#67
 1,3,5-Trichlorobenzene
 Concen: 6.198 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.62 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

Tgt Ion:180 Resp: 16321
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.6 116.4
 184 31.3 24.7 37.1
 145 26.1 21.8 32.8

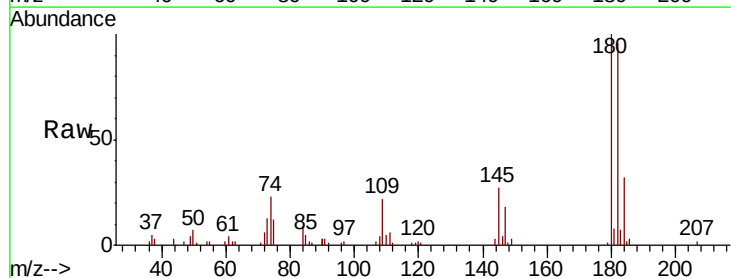


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

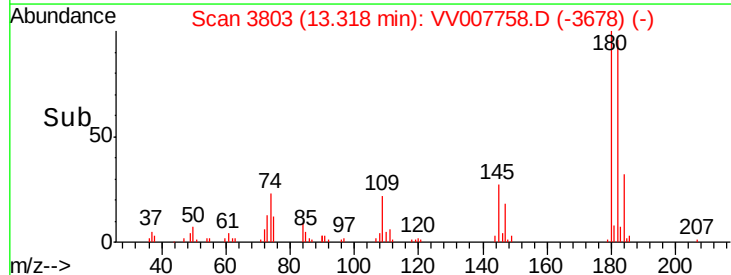
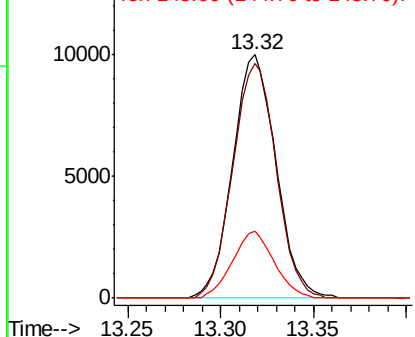


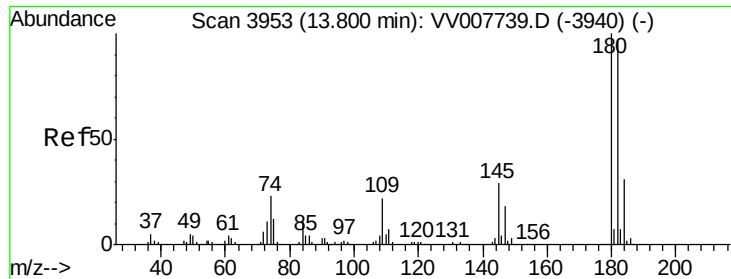
#68
 1,2,4-trichlorobenzene
 Concen: 6.905 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Tgt Ion:180 Resp: 16321
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.0 115.6
 145 26.1 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





#70
 1,2,3-Trichlorobenzene
 Concen: 2.098 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. -0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

Tgt Ion	Resp	Lower	Upper
180	5013		
182	100.1	77.4	116.2
145	28.9	23.3	34.9

