

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007755.D
 Acq On : 23 Sep 2018 00:06
 Operator : SY/MD
 Sample : J5012-19 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q8

Quant Time: Sep 24 04:42:39 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	169916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36065	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.10%
7) Chloroethane-d5	1.59	69	37880	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.28%
11) 1,1-Dichloroethene-d2	2.14	63	66571	30.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	3.95	46	60430	99.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.08%
24) Chloroform-d	4.41	84	87616	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.09	65	61595	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.11	84	169689	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
36) 1,2-Dichloropropane-d6	6.13	67	52855	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.36	98	162405	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	20892	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
47) 2-Hexanone-d5	8.14	63	47557	101.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79561	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	77724	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%

Target Compounds

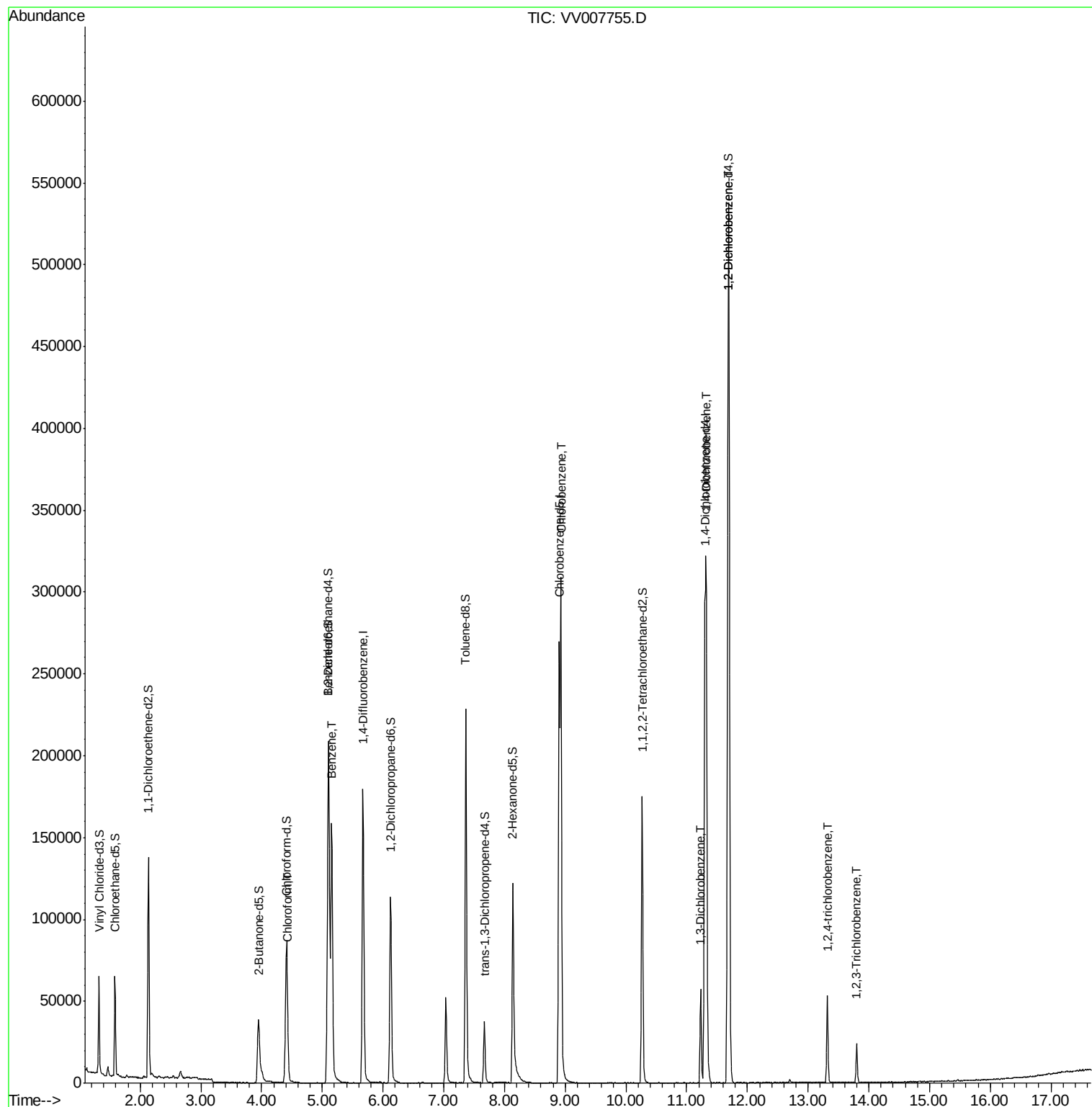
					Ovalue
25) Chloroform	4.43	83	4668	2.451 ug/L	98
33) Benzene	5.15	78	156962	41.773 ug/L	100
51) Chlorobenzene	8.93	112	165938	51.722 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	26080	9.999 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	129203	47.756 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	202642	76.834 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	18011	9.161 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	8116	4.084 ug/L	99

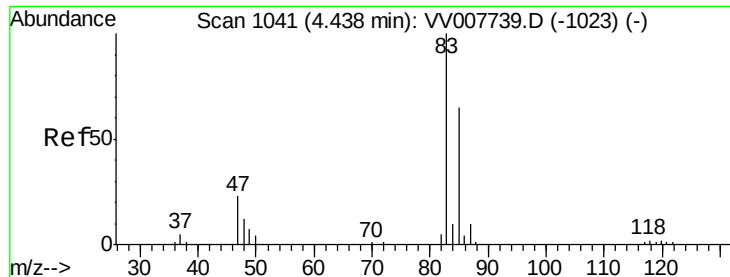
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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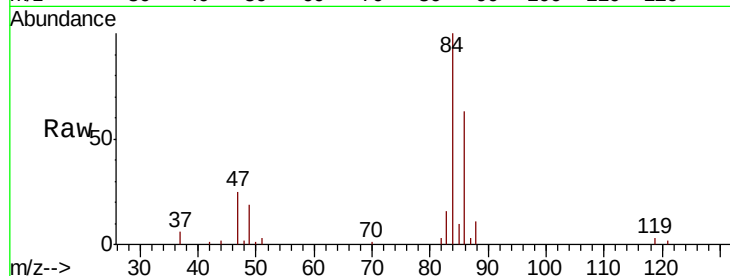




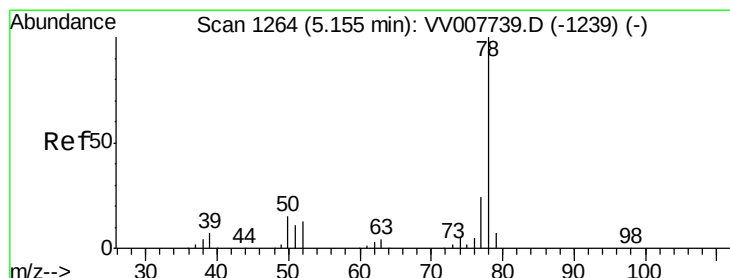
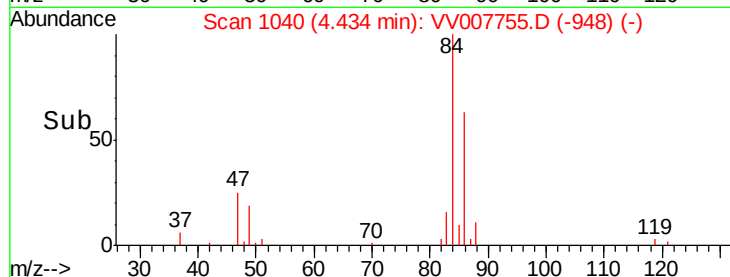
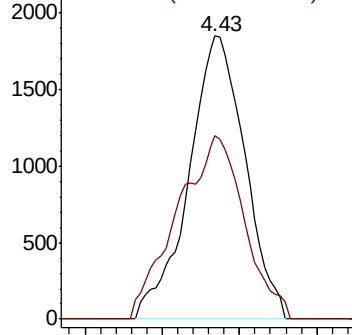
#25
Chloroform
Concen: 2.451 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tot Ion: 83 Resp: 4668
Ion Ratio Lower Upper
83 100
85 64.8 44.0 81.8

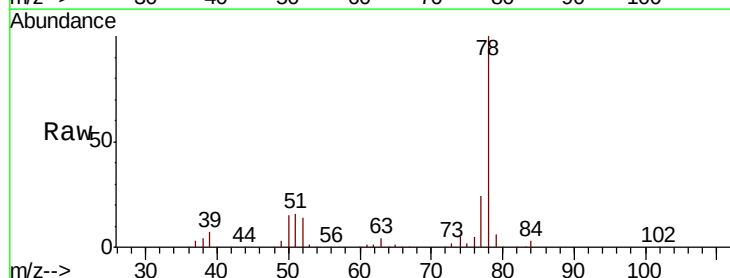


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

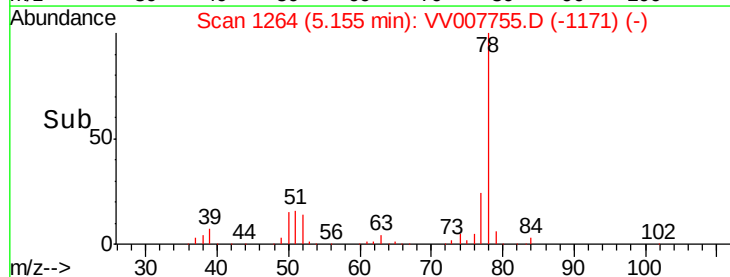
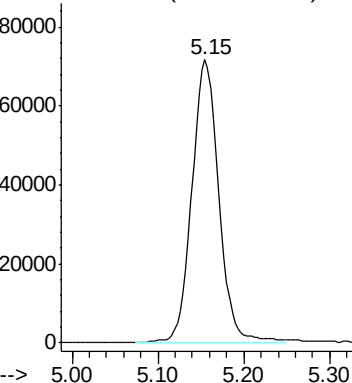


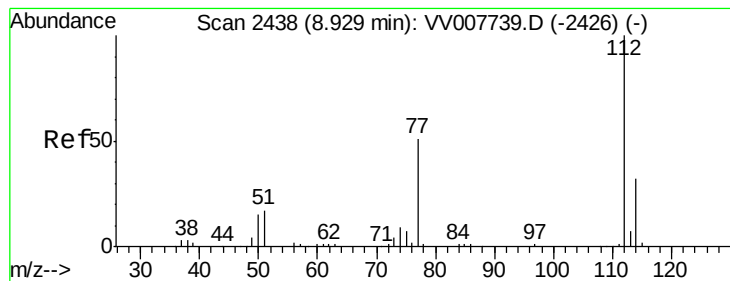
#33
Benzene
Concen: 41.773 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 78 Resp: 156962



Abundance Ion 78.00 (77.70 to 78.70): VV0





#51

Chlorobenzene

Concen: 51.722 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007755.D

Acq: 23 Sep 2018 00:06

Instrument :

MSVOA_V

ClientSampleId :

C08Q8

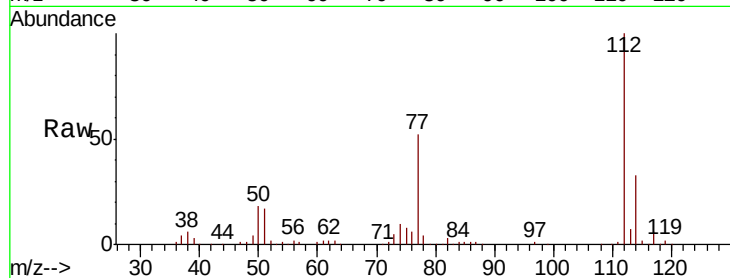
Tot Ion:112 Resp: 165938

Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.3

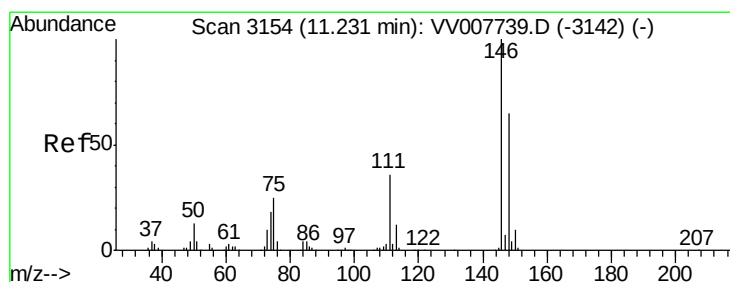
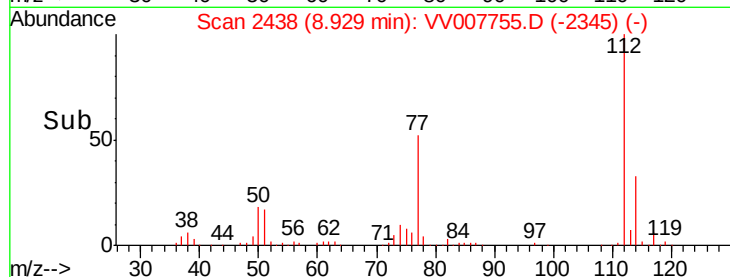
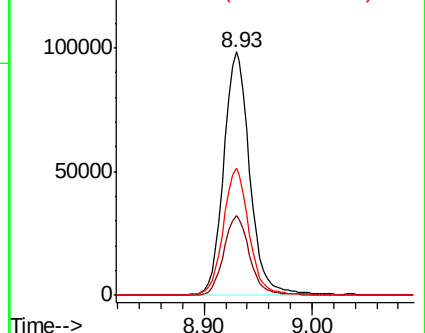
77 52.3 40.6 60.8



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



#62

1,3-Dichlorobenzene

Concen: 9.999 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007755.D

Acq: 23 Sep 2018 00:06

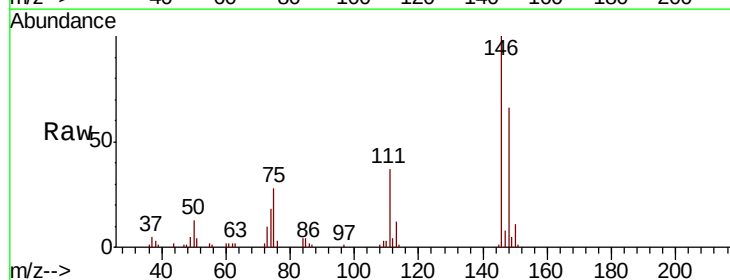
Tgt Ion:146 Resp: 26080

Ion Ratio Lower Upper

146 100

111 37.2 25.1 46.7

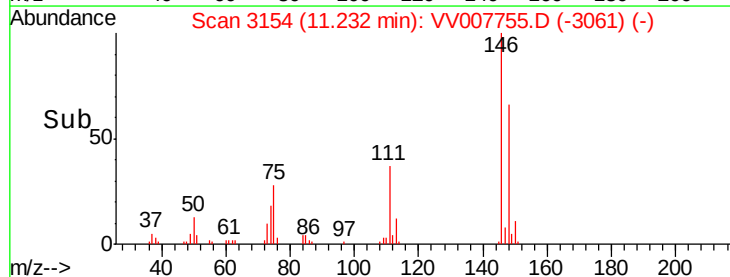
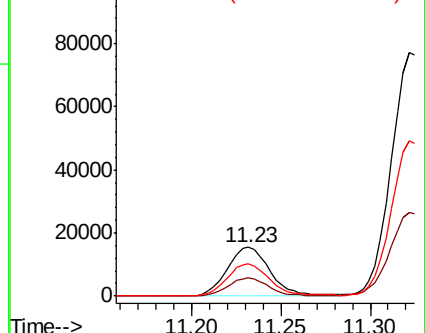
148 66.1 45.1 83.9

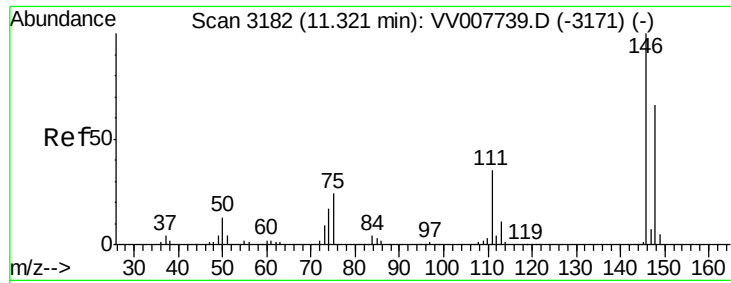


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

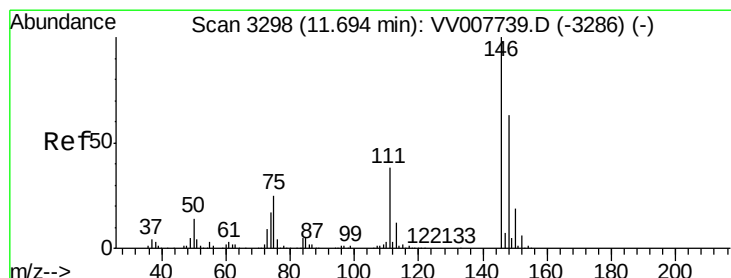
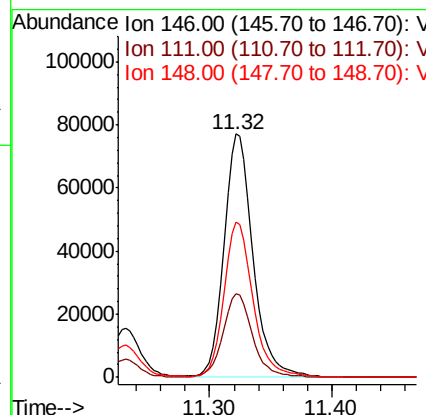
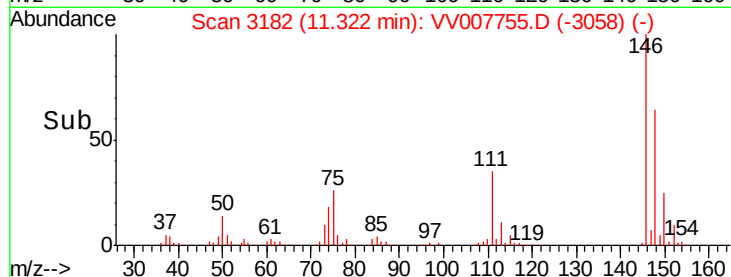
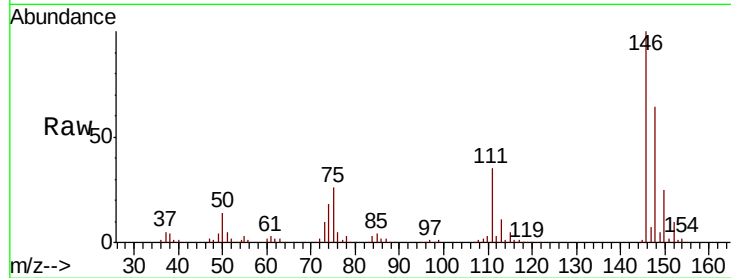




#63
 1,4-Dichlorobenzene
 Concen: 47.756 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007755.D
 Acq: 23 Sep 2018 00:06

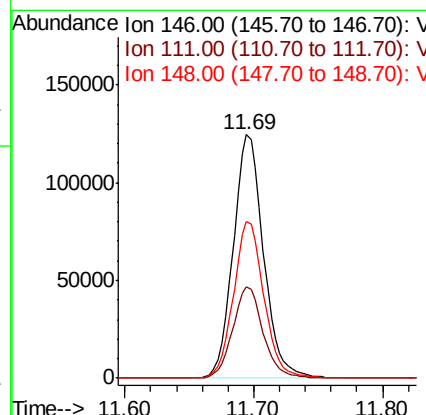
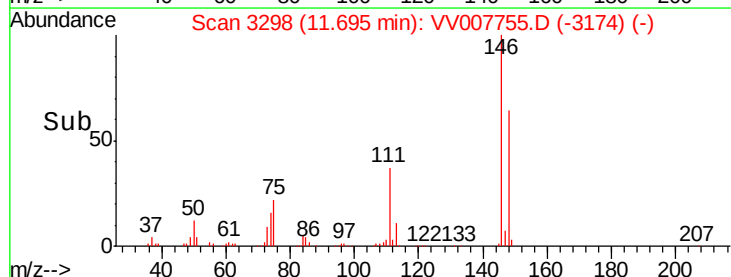
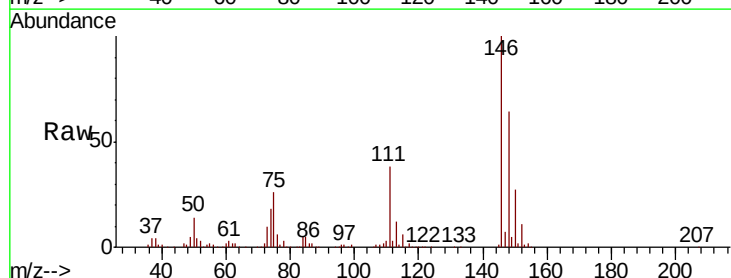
Instrument :
 MSVOA_V
 ClientSampled :
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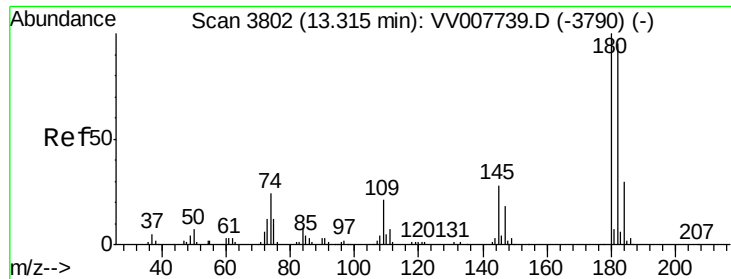
Tot Ion:146 Resp: 129203
 Ion Ratio Lower Upper
 146 100
 111 34.6 24.4 45.4
 148 63.8 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 76.834 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007755.D
 Acq: 23 Sep 2018 00:06

Tgt Ion:146 Resp: 202642
 Ion Ratio Lower Upper
 146 100
 111 37.7 29.8 44.8
 148 64.2 50.8 76.2

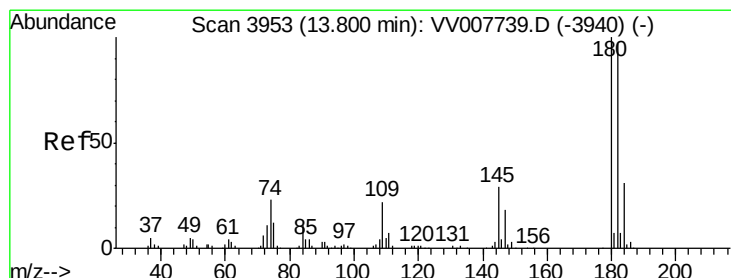
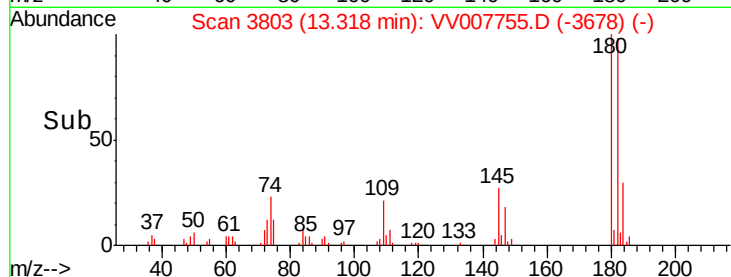
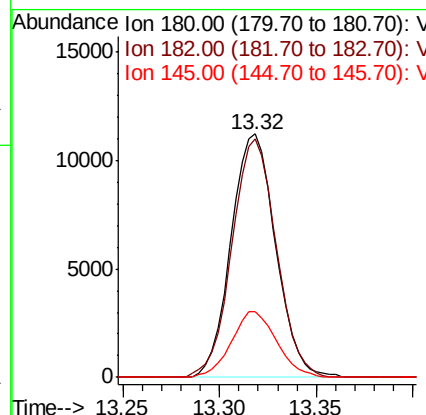
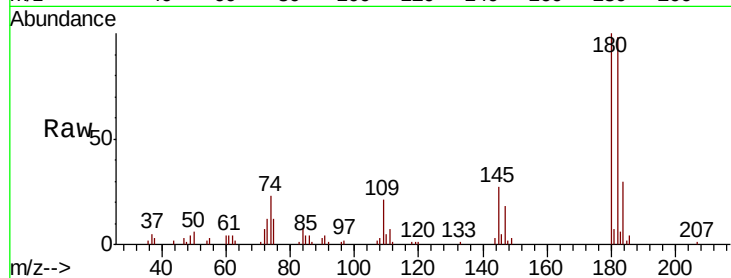




#68
 1,2,4-trichlorobenzene
 Concen: 9.161 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007755.D
 Acq: 23 Sep 2018 00:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q8

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.0	115.6
145	27.5	22.2	33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 4.084 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007755.D
 Acq: 23 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.2
145	29.6	23.3	34.9

