

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007781.D
 Acq On : 23 Sep 2018 12:14
 Operator : SY/MD
 Sample : J5013-01 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R4

Quant Time: Sep 24 07:41:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180162	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36137	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	37898	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.18%
11) 1,1-Dichloroethene-d2	2.14	63	73874	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.00%
21) 2-Butanone-d5	3.95	46	58070	89.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.80%
24) Chloroform-d	4.41	84	85082	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.16%
26) 1,2-Dichloroethane-d4	5.09	65	61201	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.11	84	180878	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.13	67	53235	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.94%
41) Toluene-d8	7.37	98	185031	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.67	79	21586	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
47) 2-Hexanone-d5	8.14	63	44323	84.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80448	43.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	88727	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%

Target Compounds

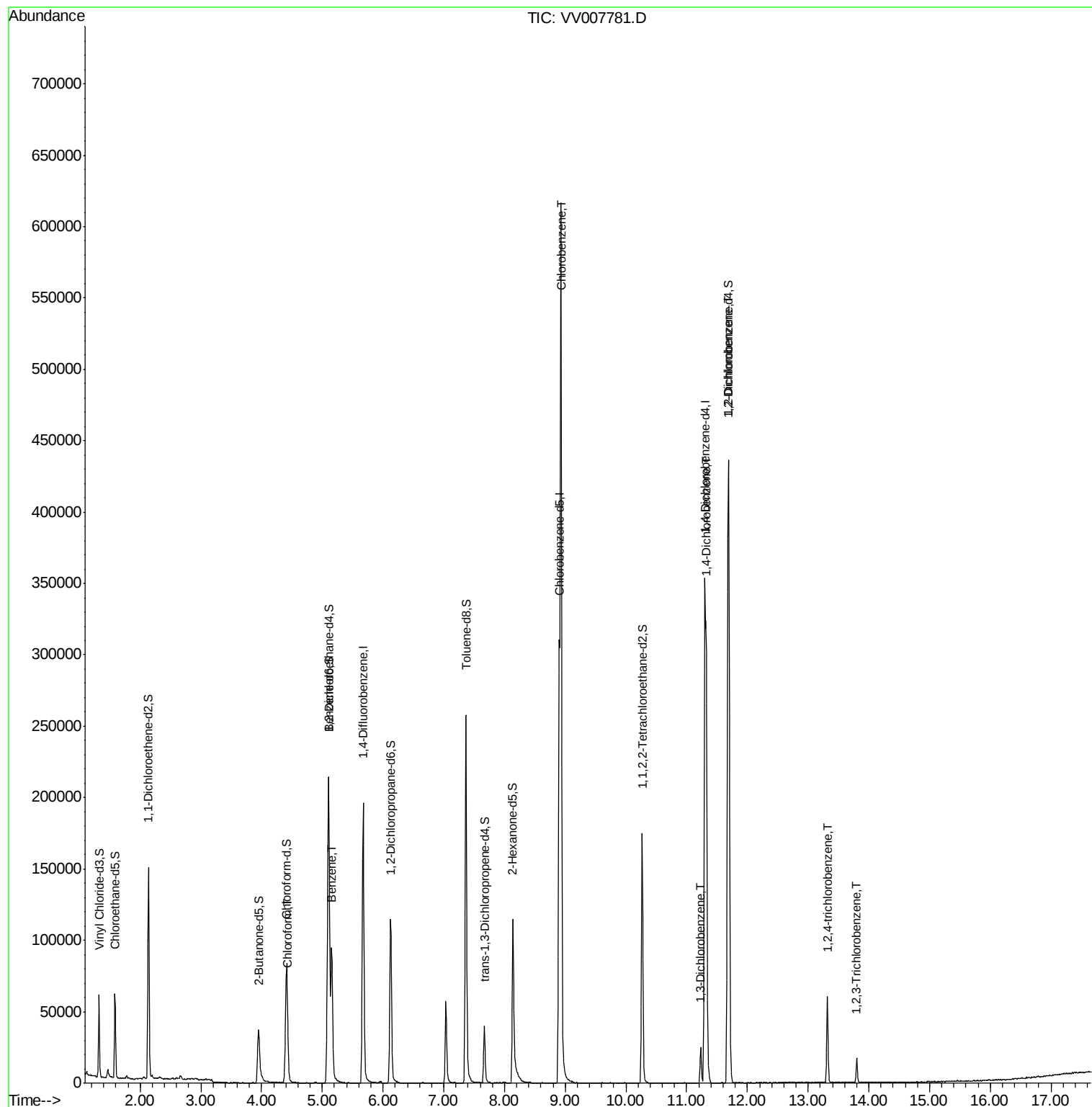
					Ovalue
25) Chloroform	4.44	83	5211	2.581 ug/L	96
33) Benzene	5.15	78	91940	21.766 ug/L	100
51) Chlorobenzene	8.93	112	340865	94.510 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	11605	3.837 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	124314	39.628 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	148424	48.535 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	21285	9.337 ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	6194	2.688 ug/L	95

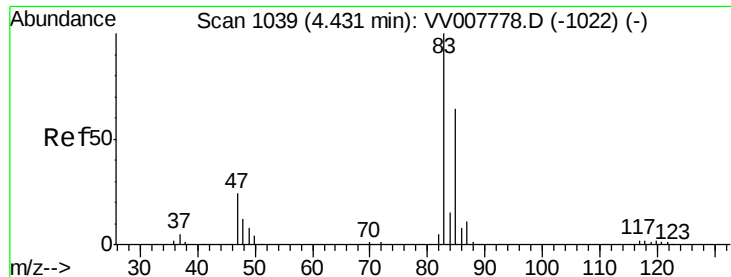
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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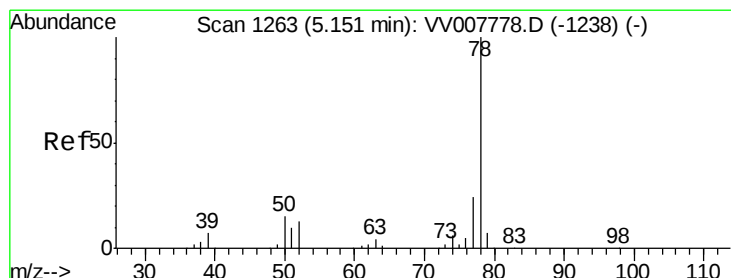
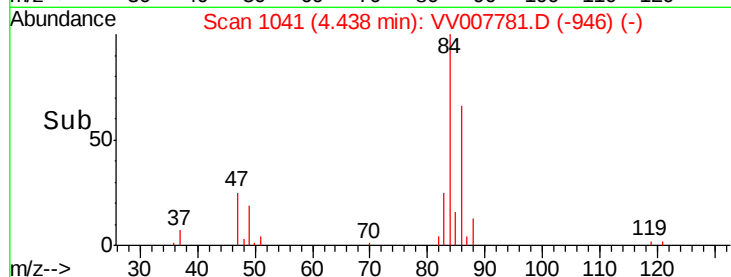
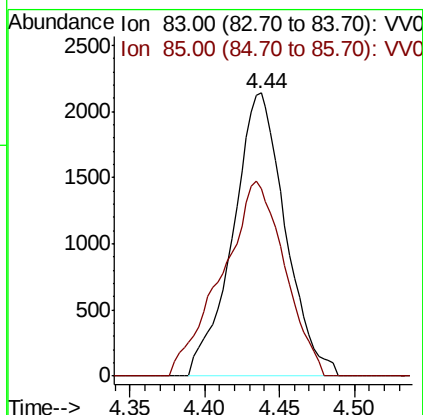
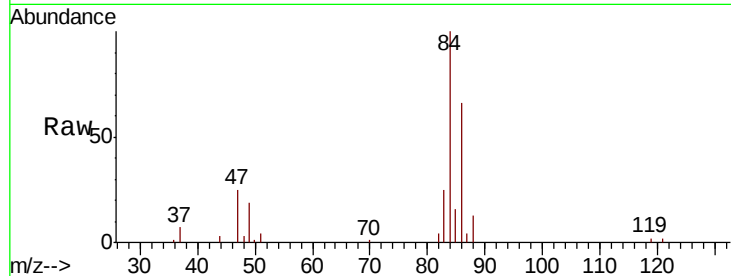




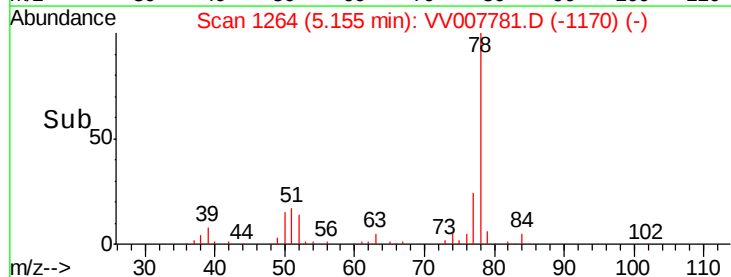
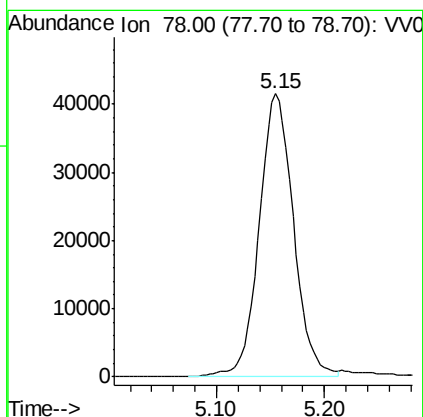
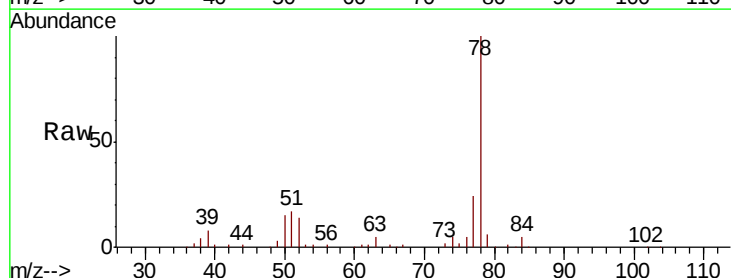
#25
Chloroform
Concen: 2.581 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV007781.D
Acq: 23 Sep 2018 12:14

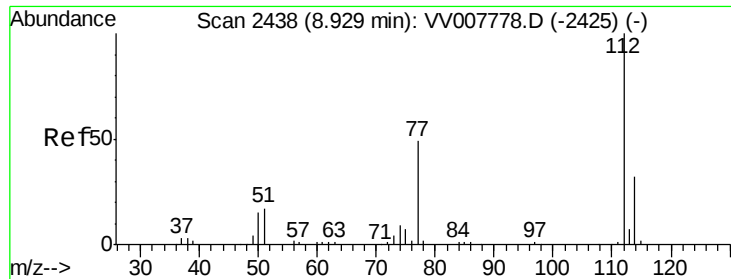
Instrument :
MSVOA_V
ClientSampleId :
C08R4

Tot Ion: 83 Resp: 5211
Ion Ratio Lower Upper
83 100
85 66.2 44.0 81.8



#33
Benzene
Concen: 21.766 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007781.D
Acq: 23 Sep 2018 12:14
Tgt Ion: 78 Resp: 91940





#51

Chlorobenzene

Concen: 94.510 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007781.D

Acq: 23 Sep 2018 12:14

Instrument :

MSVOA_V

ClientSampleId :

C08R4

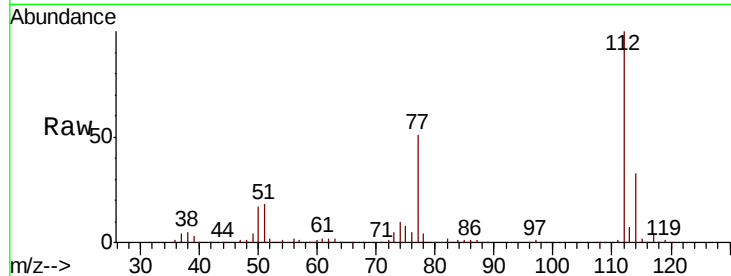
Tot Ion:112 Resp: 340865

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

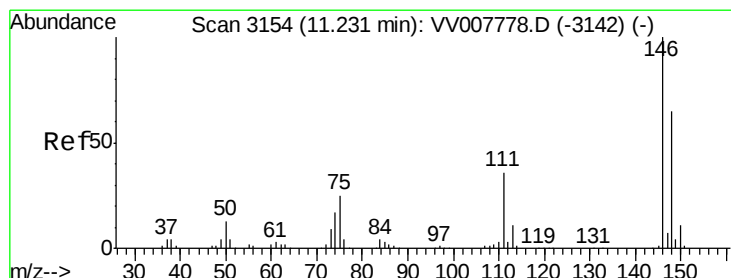
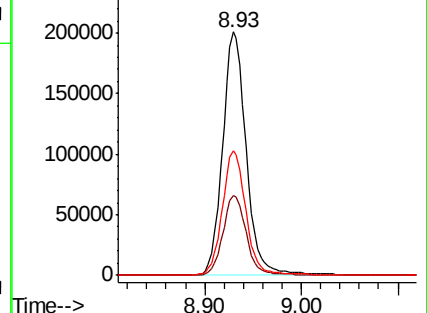
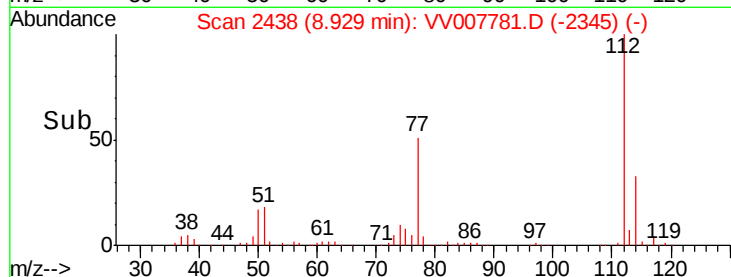
77 51.4 40.6 60.8



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: 3.837 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007781.D

Acq: 23 Sep 2018 12:14

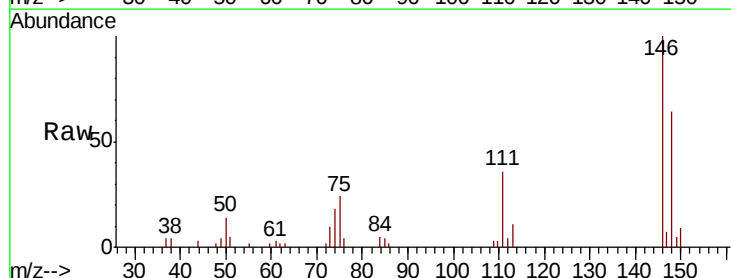
Tgt Ion:146 Resp: 11605

Ion Ratio Lower Upper

146 100

111 36.5 25.1 46.7

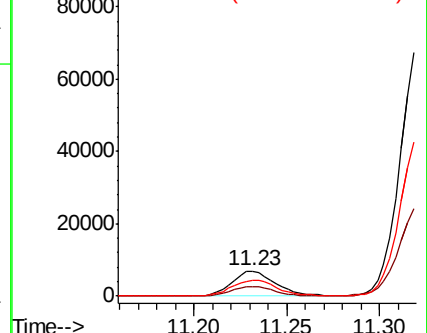
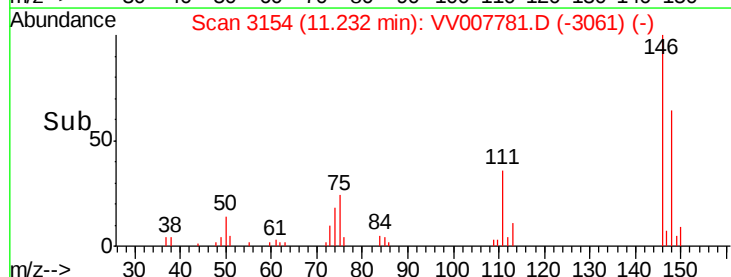
148 64.3 45.1 83.9

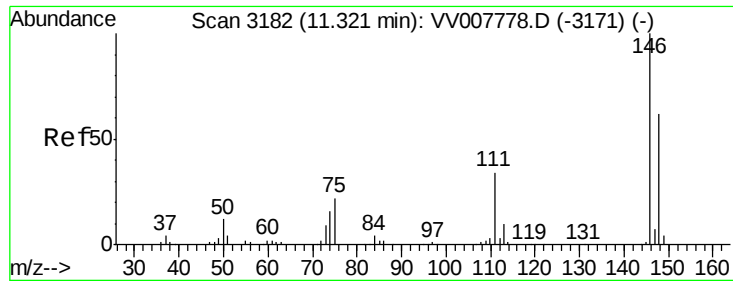


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

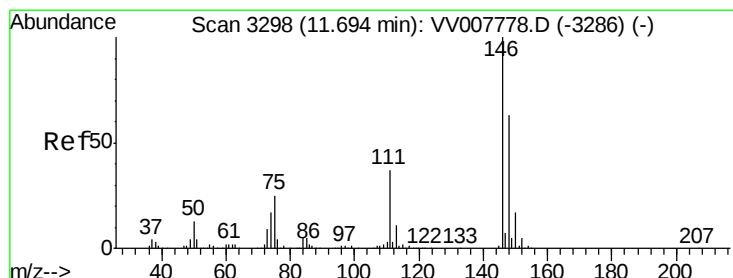
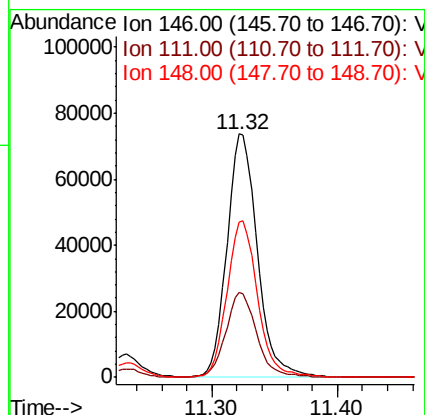
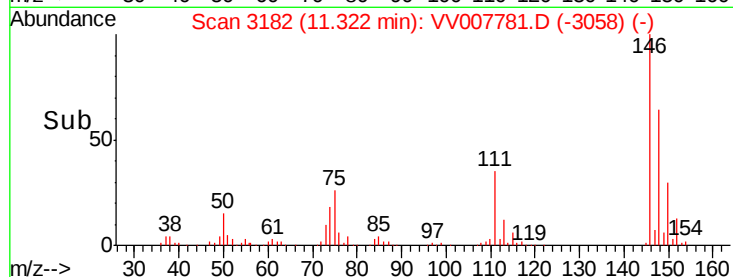
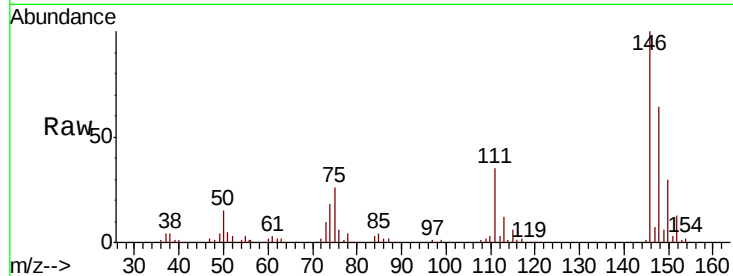




#63
 1,4-Dichlorobenzene
 Concen: 39.628 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007781.D
 Acq: 23 Sep 2018 12:14

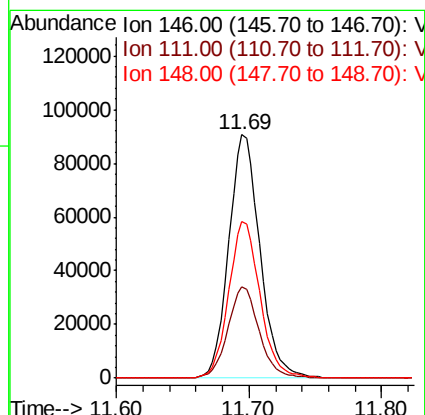
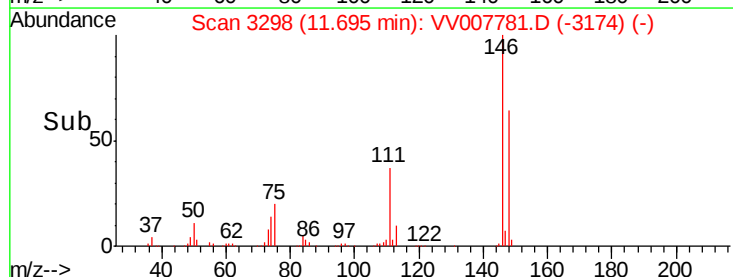
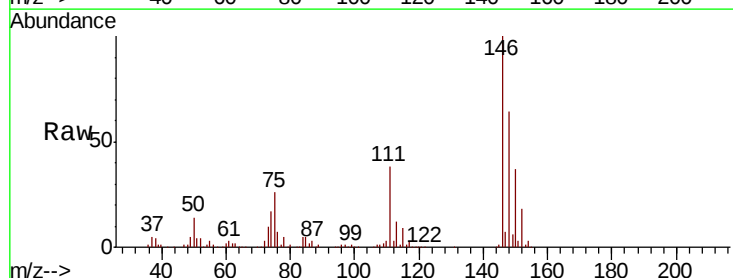
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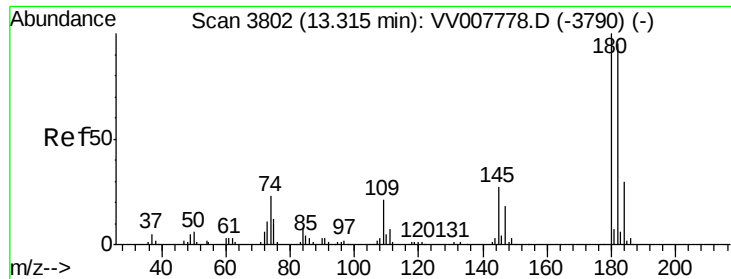
Tot Ion:146 Resp: 124314
 Ion Ratio Lower Upper
 146 100
 111 35.0 24.4 45.4
 148 63.6 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 48.535 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007781.D
 Acq: 23 Sep 2018 12:14

Tgt Ion:146 Resp: 148424
 Ion Ratio Lower Upper
 146 100
 111 37.5 29.8 44.8
 148 64.3 50.8 76.2

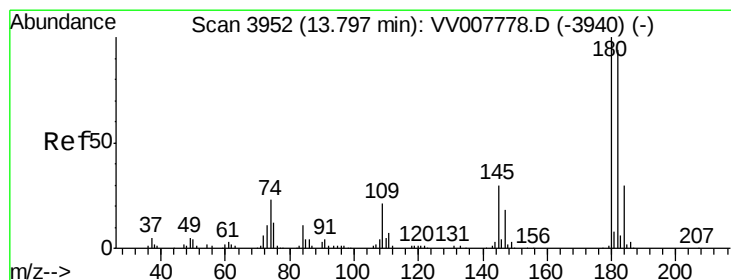
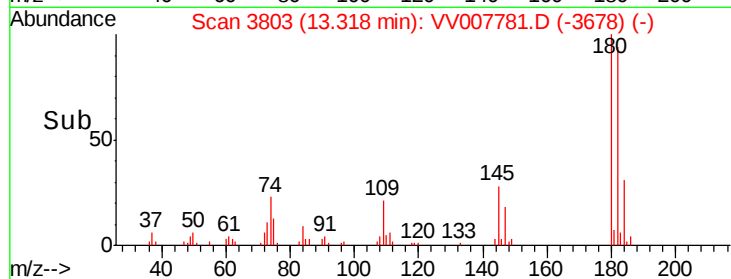
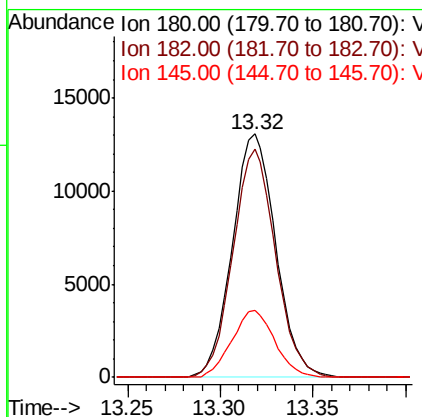
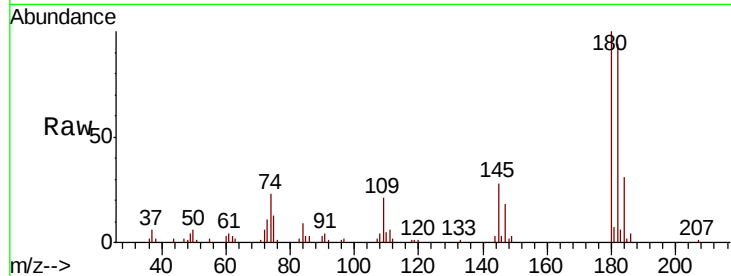




#68
 1,2,4-trichlorobenzene
 Concen: 9.337 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007781.D
 Acq: 23 Sep 2018 12:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R4

Tot Ion:180 Resp: 21285
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.0 115.6
 145 27.3 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 2.688 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007781.D
 Acq: 23 Sep 2018 12:14

Tgt Ion:180 Resp: 6194
 Ion Ratio Lower Upper
 180 100
 182 90.3 77.4 116.2
 145 29.2 23.3 34.9

