

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008003.D
 Acq On : 01 Oct 2018 19:09
 Operator : SY/MD
 Sample : J5091-06DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62T0DL

Quant Time: Oct 02 04:48:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88438	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24035	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.59	69	19947	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	38023	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.98	46	67709	47.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	4.41	84	57944	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.09	65	28612	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	102557	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	32037	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	96385	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	10986	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	48412	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23059	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39975	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

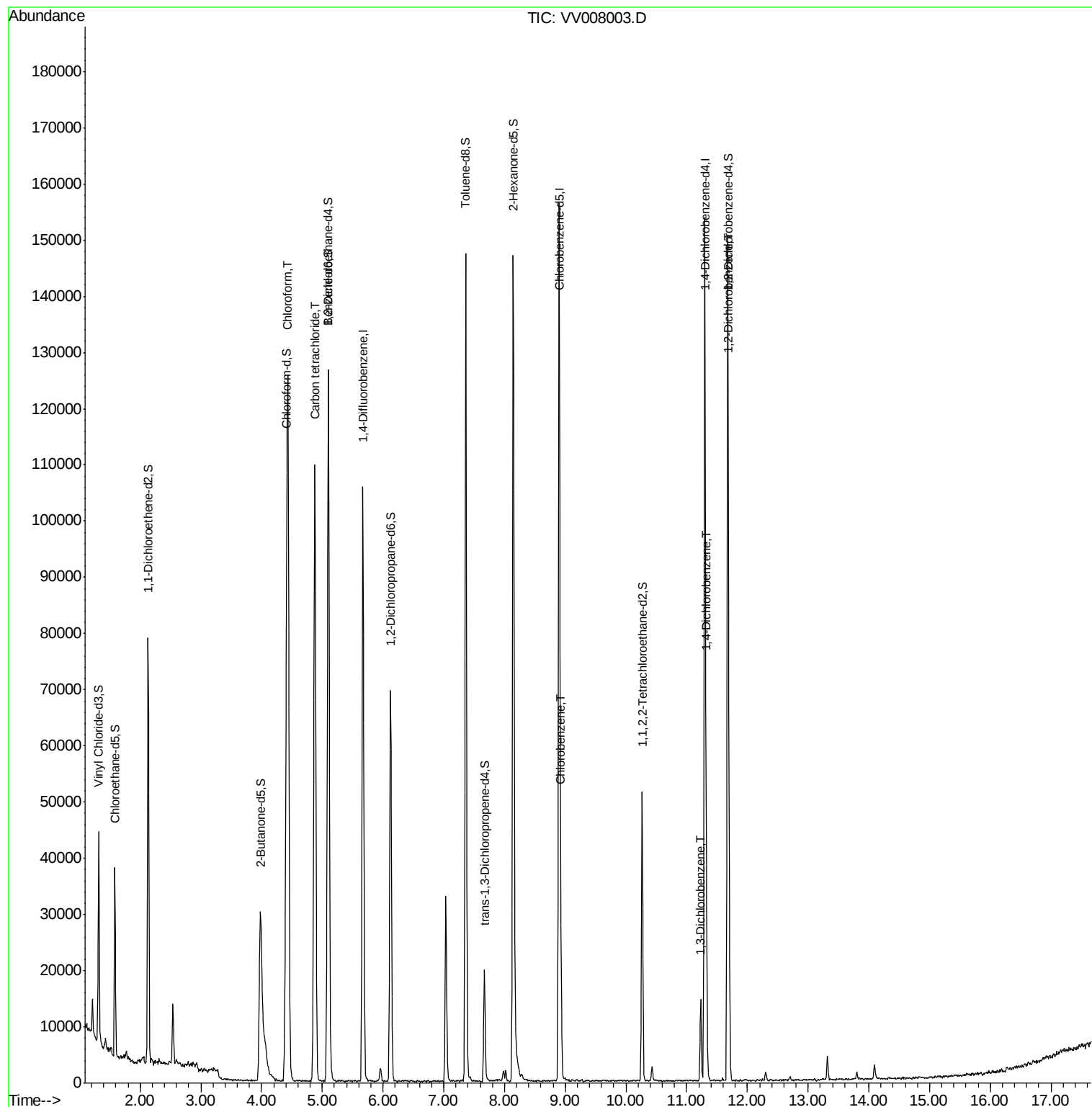
					Ovalue
25) Chloroform	4.43	83	107104	9.007 ug/L	99
31) Carbon tetrachloride	4.88	117	81044	9.013 ug/L	99
51) Chlorobenzene	8.93	112	12575	0.688 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	6677	0.476 ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	11122	0.763 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	14468	1.095 ug/L	95

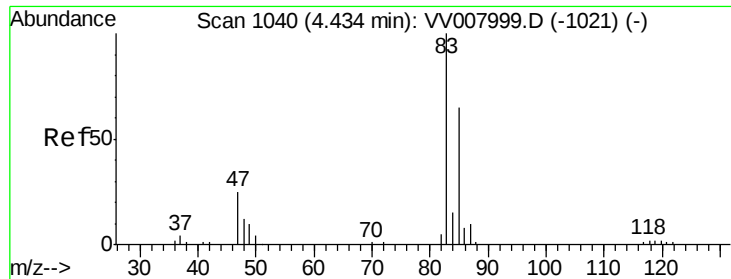
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

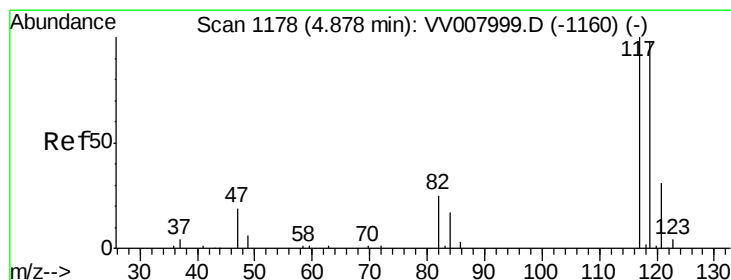
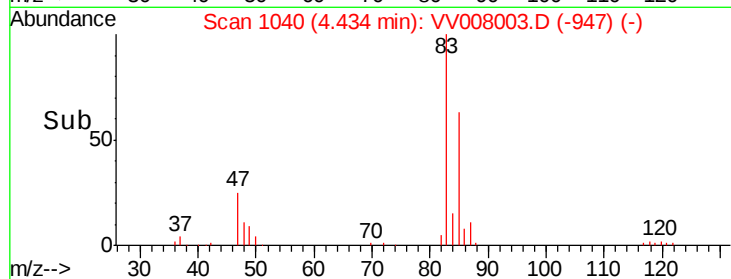
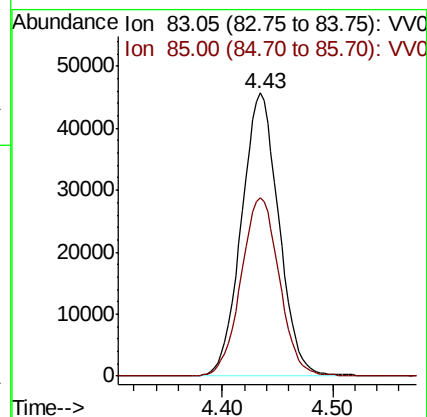
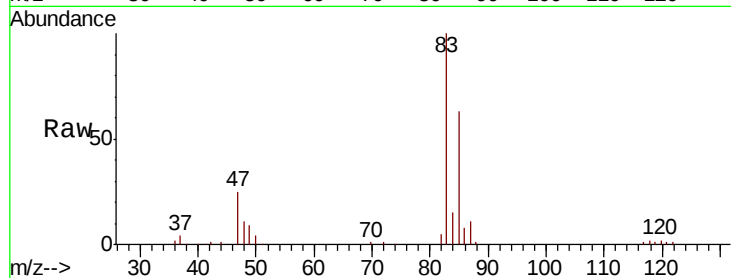




#25
Chloroform
Concen: 9.007 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008003.D
Acq: 01 Oct 2018 19:09

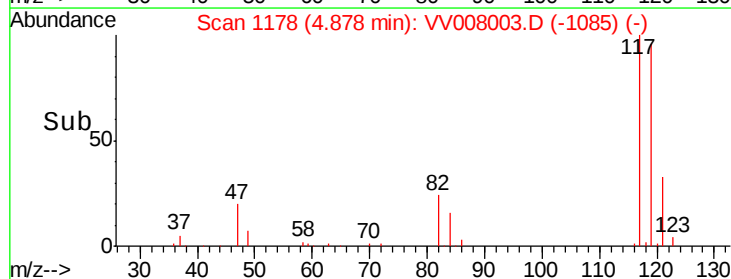
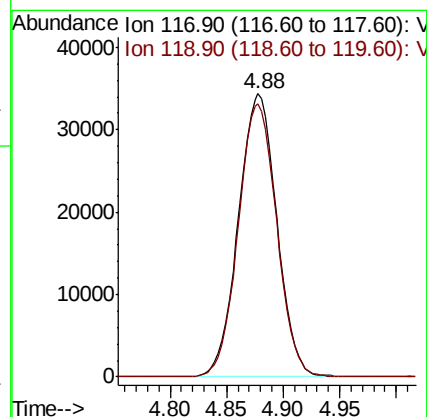
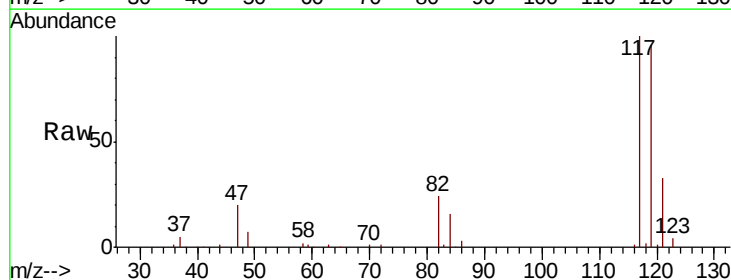
Instrument :
MSVOA_V
ClientSampleId :
E62T0DL

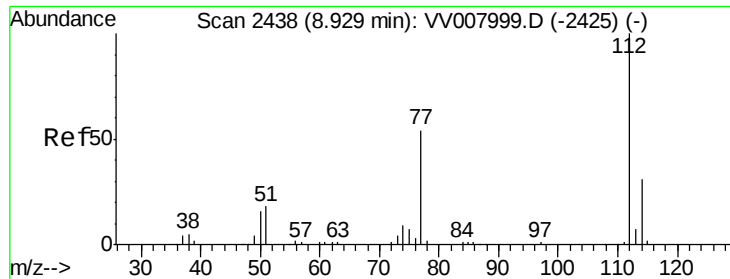
Tot Ion: 83 Resp: 107104
Ion Ratio Lower Upper
83 100
85 62.9 44.8 83.2



#31
Carbon tetrachloride
Concen: 9.013 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VV008003.D
Acq: 01 Oct 2018 19:09

Tgt Ion: 117 Resp: 81044
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8





#51

Chlorobenzene

Concen: 0.688 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV008003.D

Acq: 01 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampleId :

E62T0DL

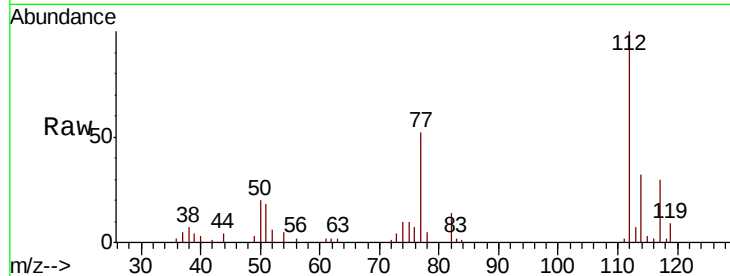
Tot Ion:112 Resp: 12575

Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

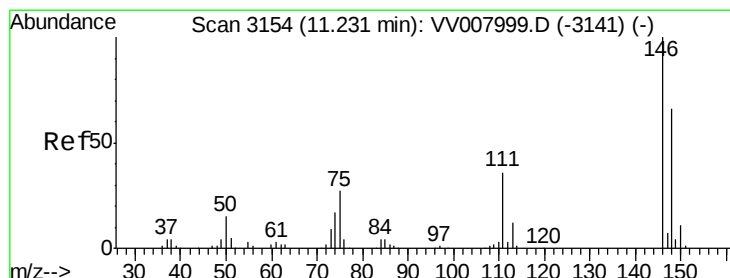
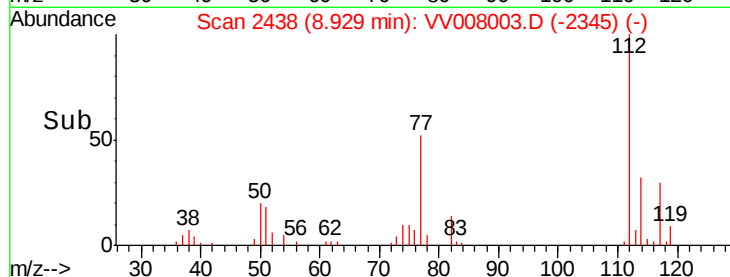
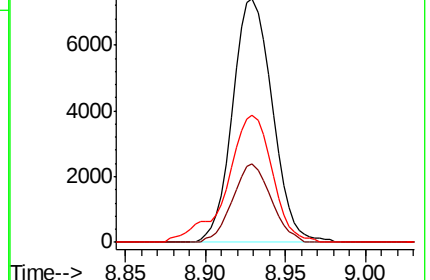
77 52.3 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#62

1,3-Dichlorobenzene

Concen: 0.476 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV008003.D

Acq: 01 Oct 2018 19:09

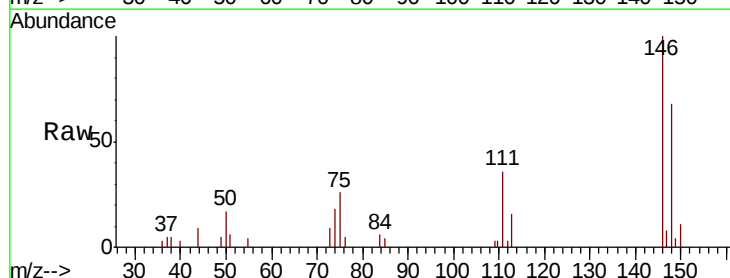
Tgt Ion:146 Resp: 6677

Ion Ratio Lower Upper

146 100

111 36.4 25.8 48.0

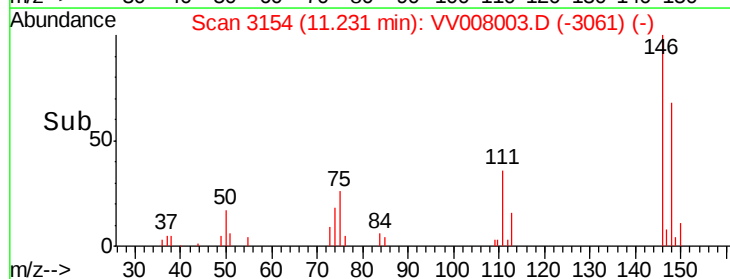
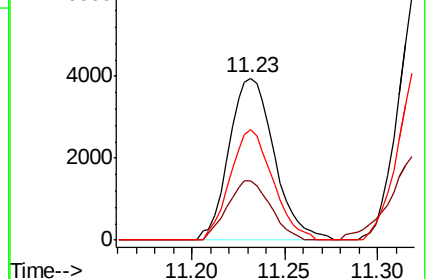
148 68.5 44.7 82.9

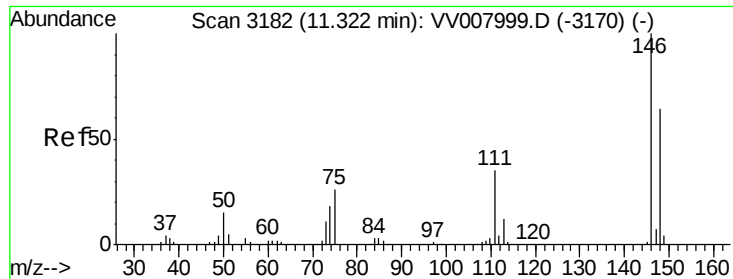


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

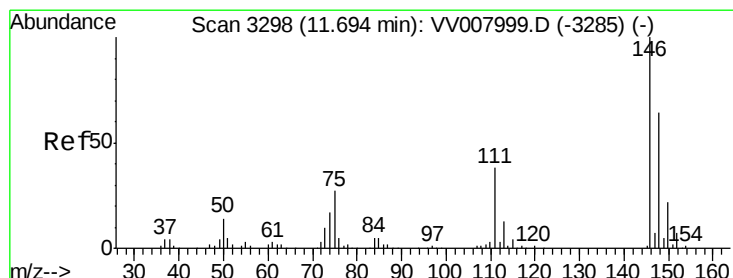
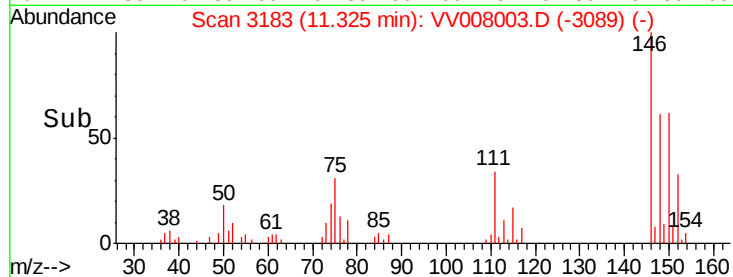
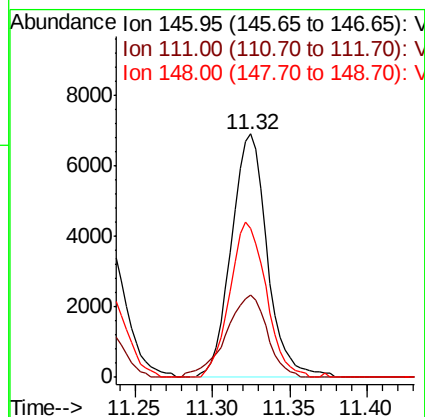
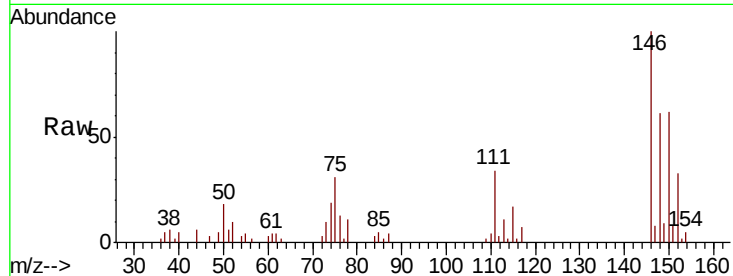




#63
 1,4-Dichlorobenzene
 Concen: 0.763 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV008003.D
 Acq: 01 Oct 2018 19:09

Instrument :
 MSVOA_V
 ClientSampled :
 E62T0DL

Tot Ion:146 Resp: 11122
 Ion Ratio Lower Upper
 146 100
 111 33.7 25.3 47.1
 148 61.4 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 1.095 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV008003.D
 Acq: 01 Oct 2018 19:09

Tgt Ion:146 Resp: 14468
 Ion Ratio Lower Upper
 146 100
 111 36.7 31.2 46.8
 148 58.7 50.3 75.5

