

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007761.D
 Acq On : 23 Sep 2018 02:35
 Operator : SY/MD
 Sample : J5012-12
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q1

Quant Time: Sep 24 05:05:17 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	181490	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38720	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.50%
7) Chloroethane-d5	1.59	69	38347	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.56%
11) 1,1-Dichloroethene-d2	2.14	63	75223	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	3.95	46	51036	78.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.34%
24) Chloroform-d	4.41	84	85961	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.09	65	61934	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.11	84	180778	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
36) 1,2-Dichloropropane-d6	6.13	67	54005	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.36	98	182256	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.67	79	20551	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.88%
47) 2-Hexanone-d5	8.14	63	41394	78.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.27%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77926	41.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	84703	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%

Target Compounds

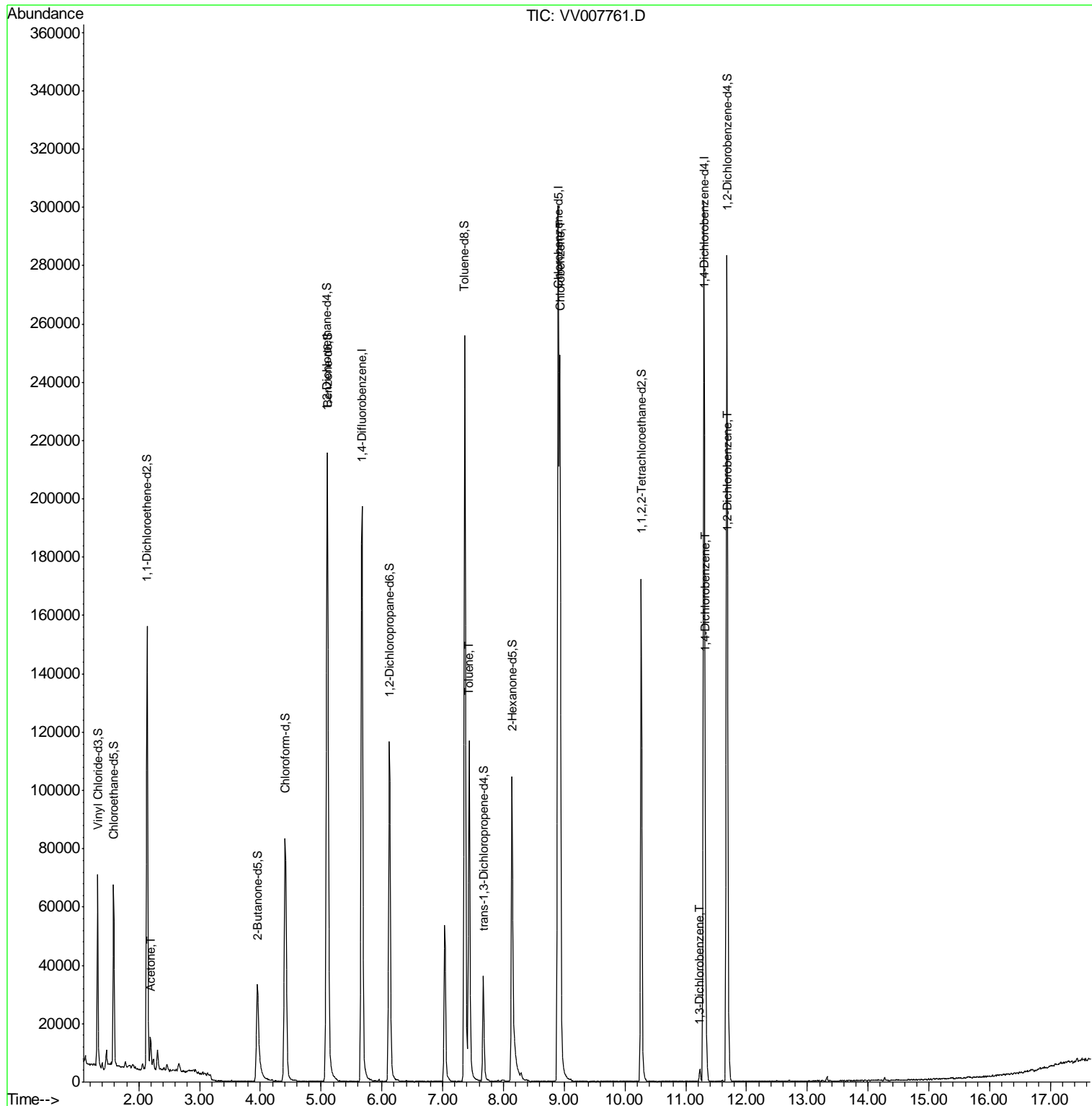
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	8695	12.647	ug/L	94
42) Toluene	7.44	91	87604	17.439	ug/L	99
51) Chlorobenzene	8.93	112	130602	36.093	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	2311	0.803	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	8944	2.997	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	3455	1.188	ug/L	88

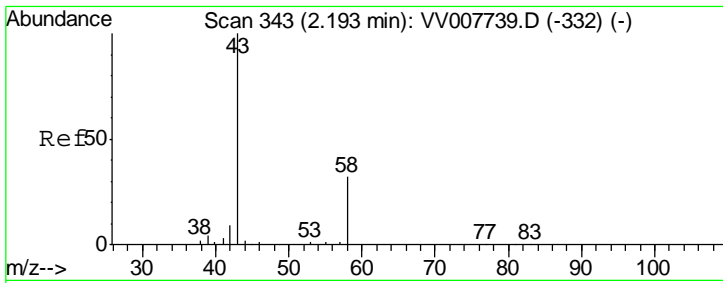
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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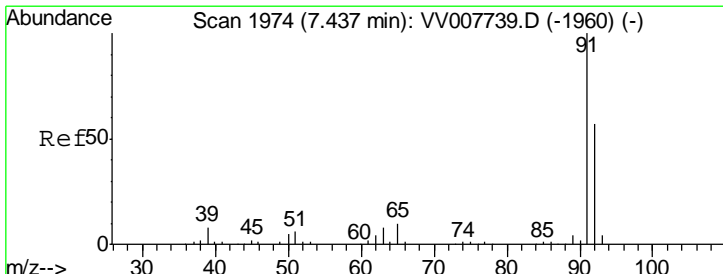
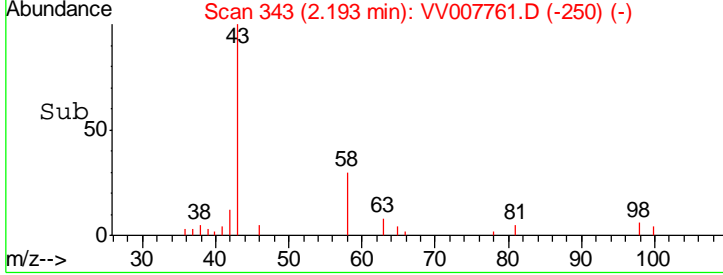
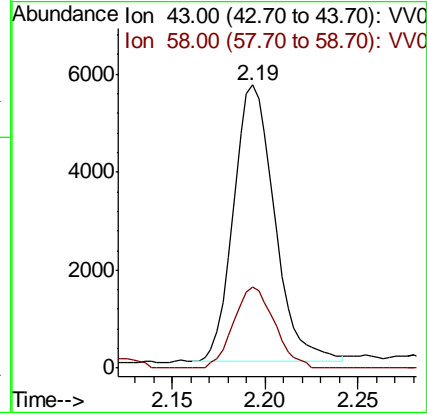
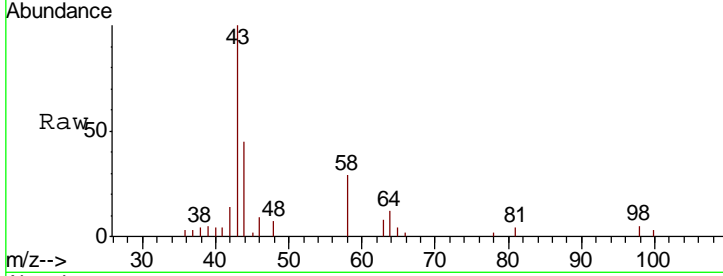




#13
 Acetone
 Concen: 12.647 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV007761.D
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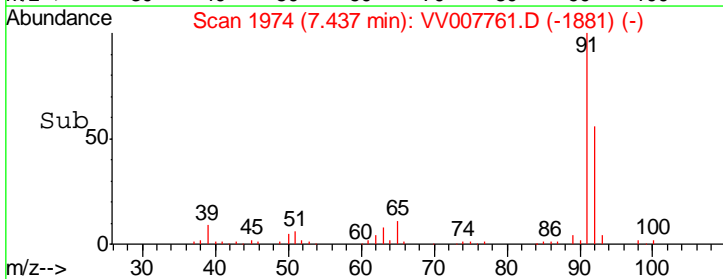
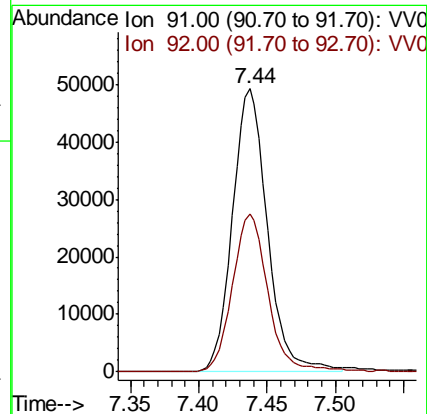
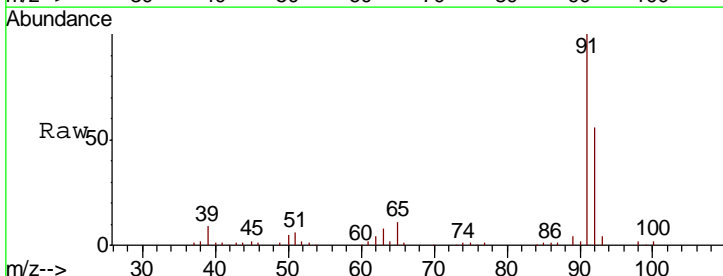
Instrument :
 MSVOA_V
 ClientSampled :
 C08Q1

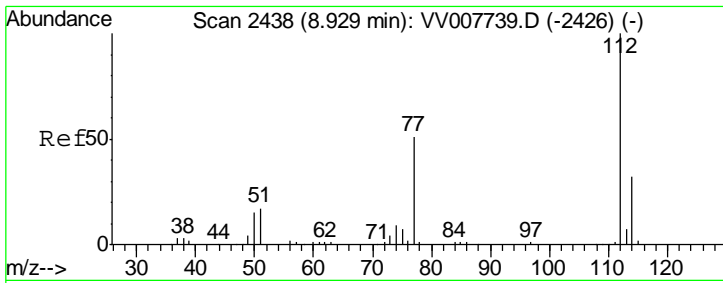
Tgt Ion	Resp	Lower	Upper
43	100		
58	29.1	0.0	65.2



#42
 Toluene
 Concen: 17.439 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007761.D
 Acq: 23 Sep 2018 02:35

Tgt Ion	Resp	Lower	Upper
91	100		
92	55.8	39.7	73.7

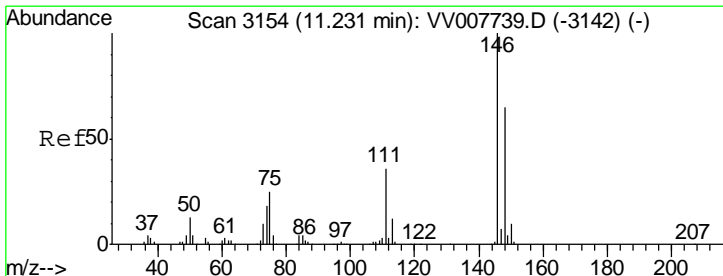
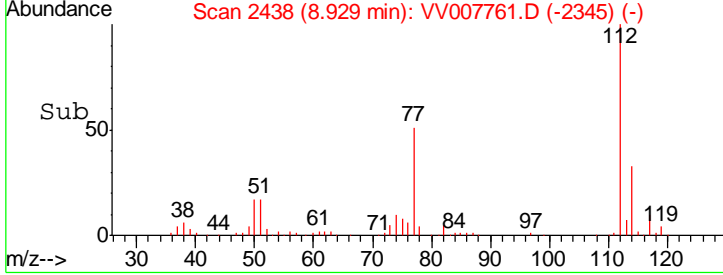
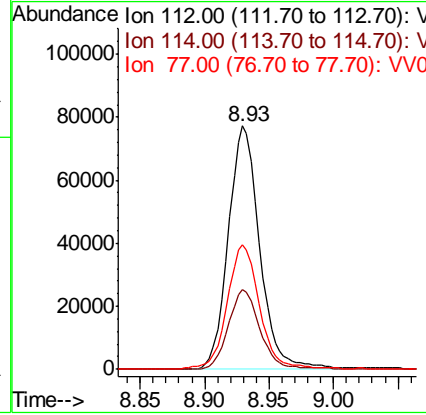
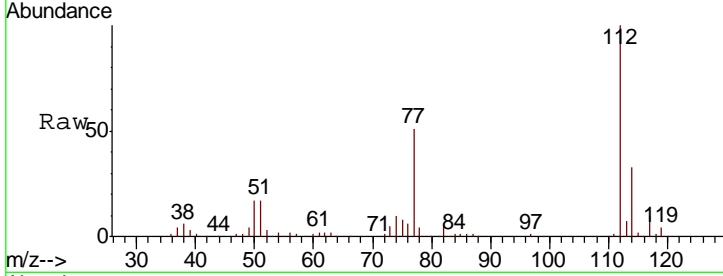




#51
 Chlorobenzene
 Concen: 36.093 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007761.D
 Acq: 23 Sep 2018 02:35

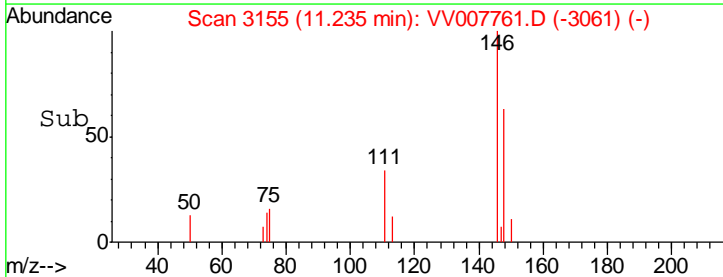
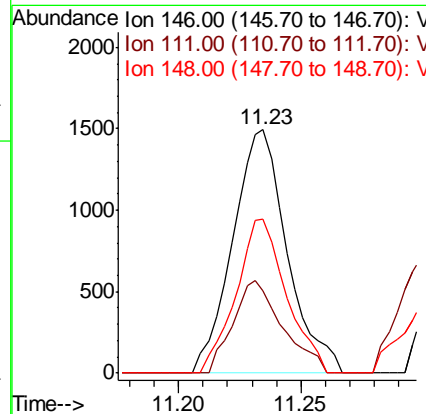
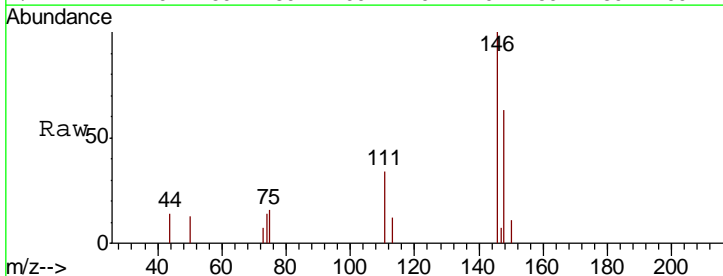
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 ClientSampled : C08Q1

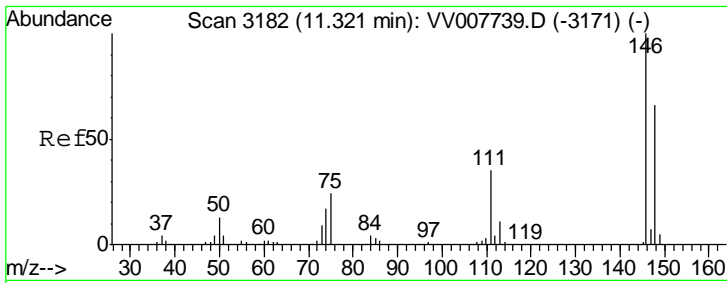
Tgt Ion	Resp	Lower	Upper
112	130602		
114	32.7	22.3	41.3
77	51.3	40.6	60.8



#62
 1,3-Dichlorobenzene
 Concen: 0.803 ug/L
 RT: 11.23 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: VV007761.D
 Acq: 23 Sep 2018 02:35

Tgt Ion	Resp	Lower	Upper
146	2311		
111	33.8	25.1	46.7
148	63.4	45.1	83.9

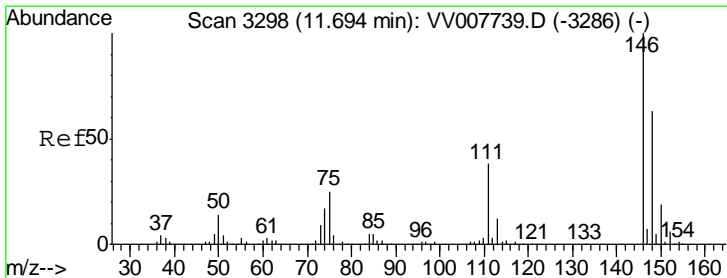
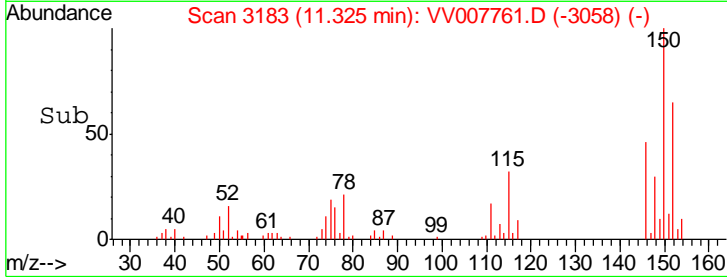
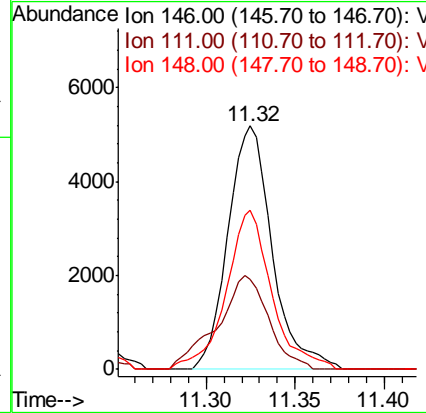
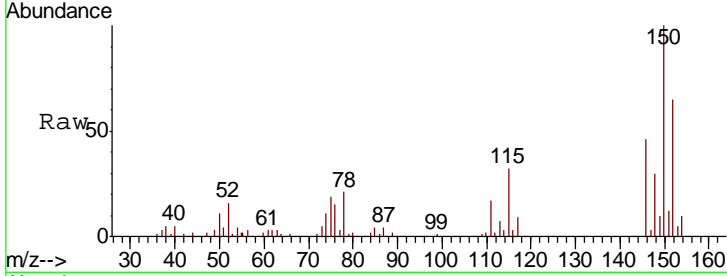




#63
 1,4-Dichlorobenzene
 Concen: 2.997 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007761.D
 Acq: 23 Sep 2018 02:35

Instrument :
 MSVOA_V
 ClientSampled :
 C08Q1

Tgt Ion	Resp	Lower	Upper
146	100		
111	37.1	24.4	45.4
148	65.4	45.1	83.7



#65
 1,2-Dichlorobenzene
 Concen: 1.188 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007761.D
 Acq: 23 Sep 2018 02:35

Tgt Ion	Resp	Lower	Upper
146	100		
111	44.3	29.8	44.8
148	72.8	50.8	76.2

