

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007972.D
 Acq On : 29 Sep 2018 00:02
 Operator : SY/MD
 Sample : J5091-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S7

Quant Time: Oct 01 05:29:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41201	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17714	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.59	69	17997	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.14	63	30434	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.97	46	68483	48.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	4.41	84	48384	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	26365	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.10	84	89703	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	29049	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	82507	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	9250	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.14	63	49032	45.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22006	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35816	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

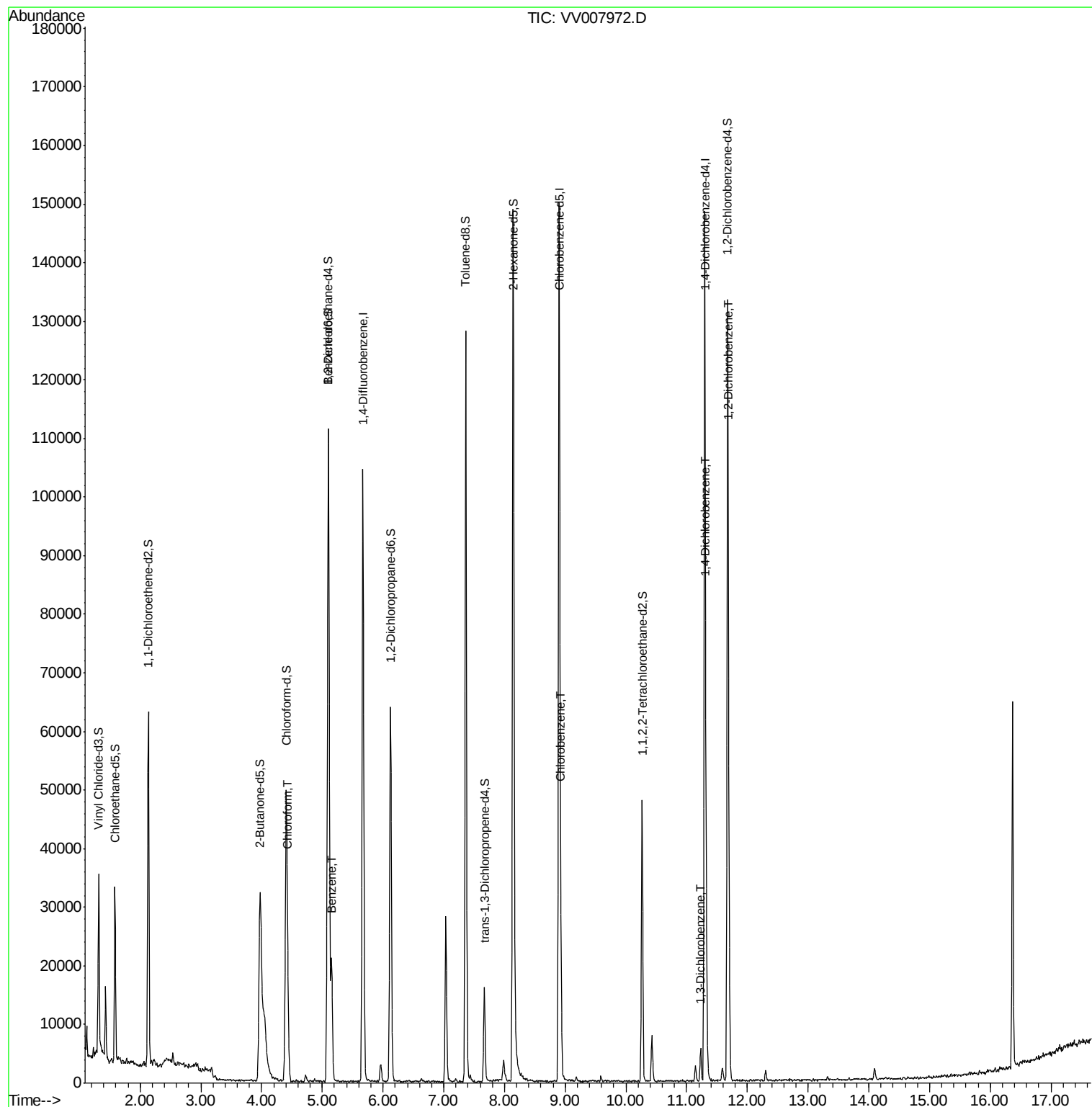
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.43	83	6727	0.569	ug/L	85
33) Benzene	5.15	78	19732	0.826	ug/L	100
51) Chlorobenzene	8.93	112	12431	0.691	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	2738	0.201	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	9521	0.673	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	10306	0.804	ug/L	100

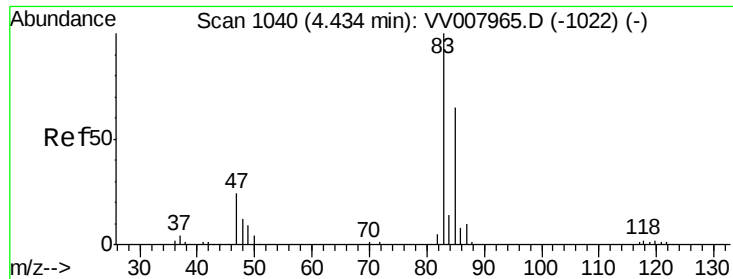
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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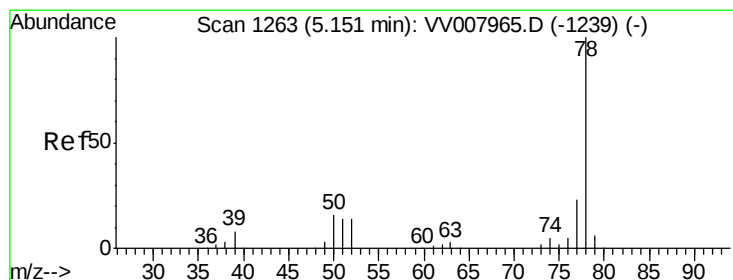
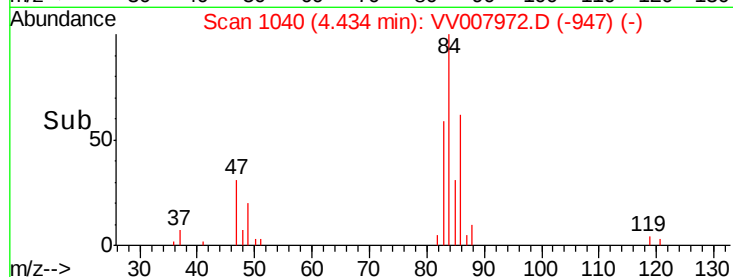
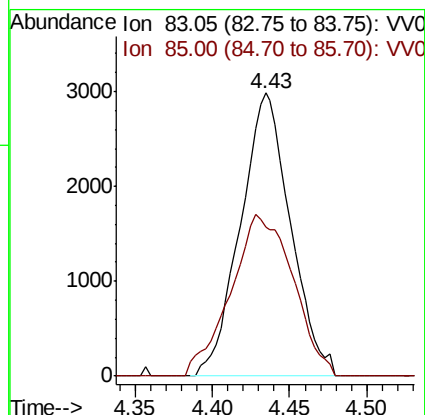
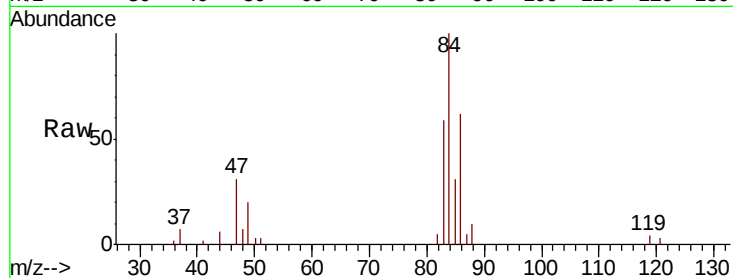




#25
Chloroform
Concen: 0.569 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007972.D
Acq: 29 Sep 2018 00:02

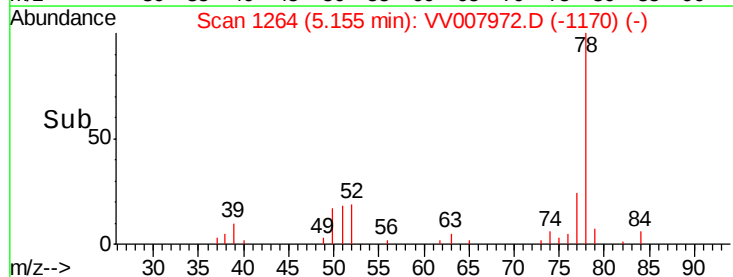
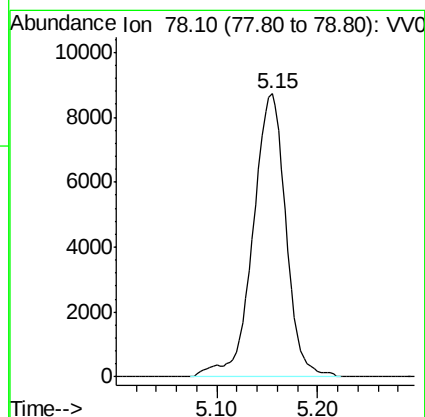
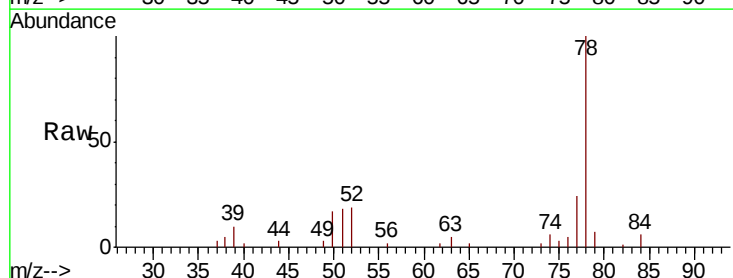
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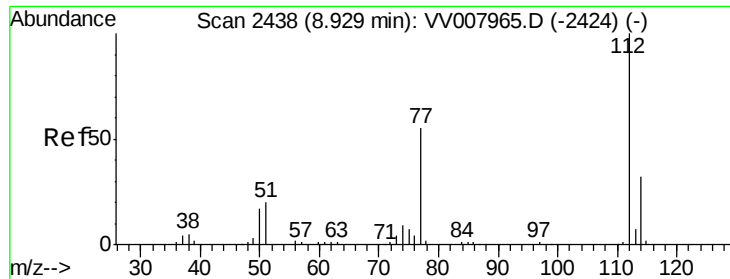
Tot Ion: 83 Resp: 6727
Ion Ratio Lower Upper
83 100
85 52.6 44.8 83.2



#33
Benzene
Concen: 0.826 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007972.D
Acq: 29 Sep 2018 00:02

Tgt Ion: 78 Resp: 19732





#51

Chlorobenzene

Concen: 0.691 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007972.D

Acq: 29 Sep 2018 00:02

Instrument :

MSVOA_V

ClientSampleId :

E62S7

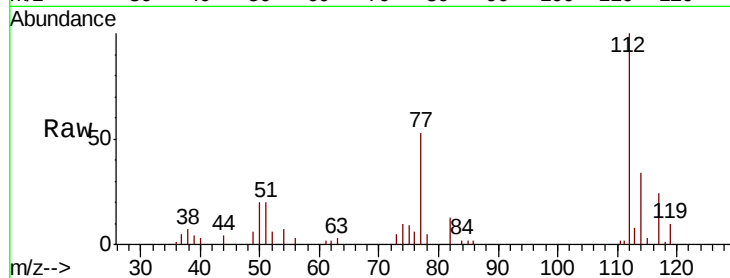
Tot Ion:112 Resp: 12431

Ion Ratio Lower Upper

112 100

114 34.3 22.4 41.6

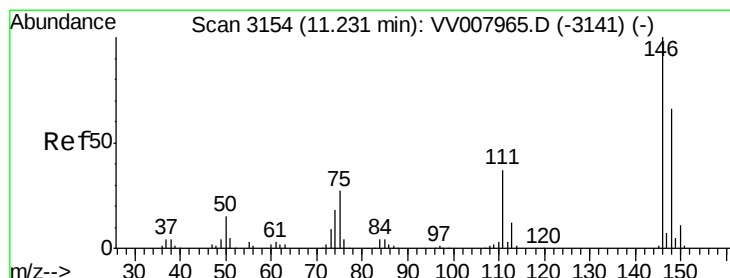
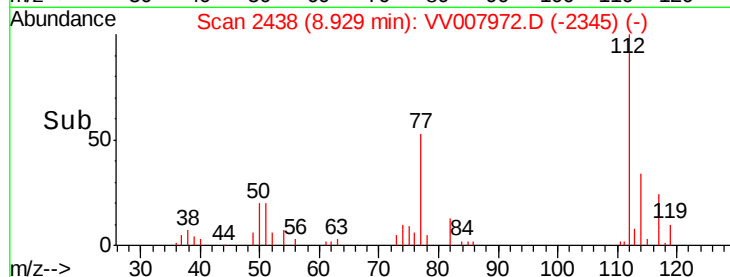
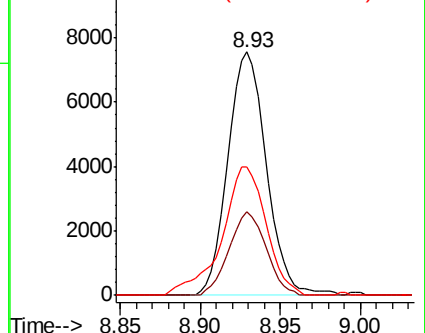
77 52.8 45.0 67.6



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): VV0



#62

1,3-Dichlorobenzene

Concen: 0.201 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007972.D

Acq: 29 Sep 2018 00:02

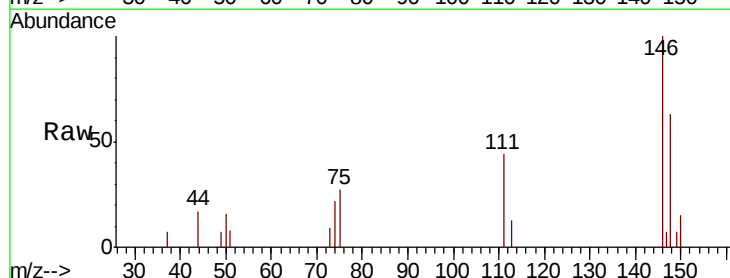
Tgt Ion:146 Resp: 2738

Ion Ratio Lower Upper

146 100

111 44.0 25.8 48.0

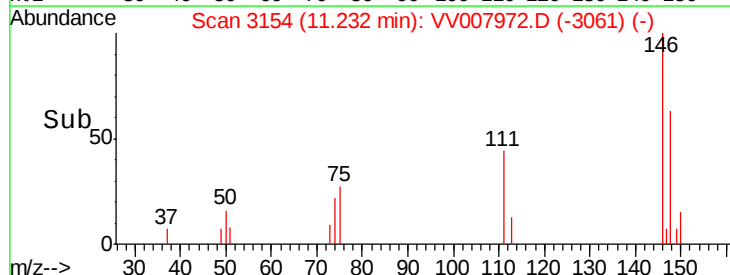
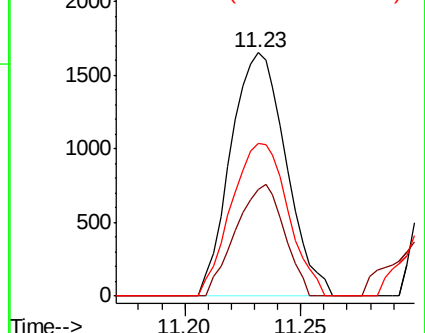
148 63.0 44.7 82.9

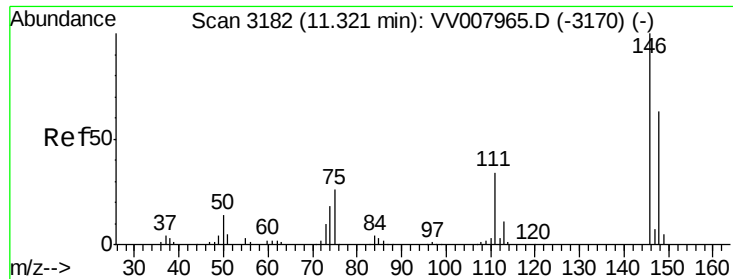


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

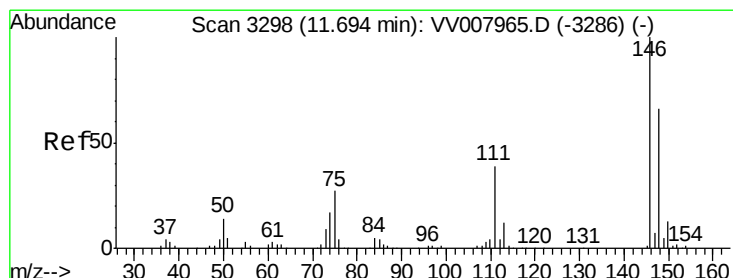
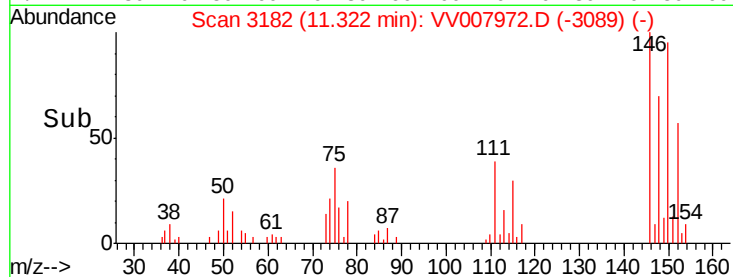
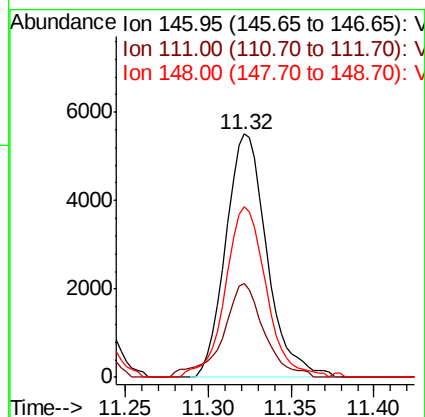
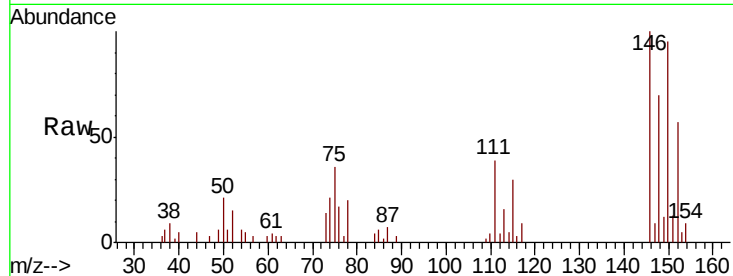




#63
 1,4-Dichlorobenzene
 Concen: 0.673 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007972.D
 Acq: 29 Sep 2018 00:02

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Tot Ion:146 Resp: 9521
 Ion Ratio Lower Upper
 146 100
 111 38.7 25.3 47.1
 148 69.9 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 0.804 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007972.D
 Acq: 29 Sep 2018 00:02

Tgt Ion:146 Resp: 10306
 Ion Ratio Lower Upper
 146 100
 111 38.4 31.2 46.8
 148 63.1 50.3 75.5

