

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
 Data File : VU026933.D
 Acq On : 20 Sep 2018 13:06
 Operator : MD/SY
 Sample : J4893-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K2

Quant Time: Sep 27 05:20:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	343428	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99329	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	84044	38.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.30%
11) 1,1-Dichloroethene-d2	2.27	63	142182	29.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.18	46	133059	78.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.93%
24) Chloroform-d	4.65	84	168371	35.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.46%
26) 1,2-Dichloroethane-d4	5.31	65	109573	36.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.86%
32) Benzene-d6	5.34	84	352580	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.30%
36) 1,2-Dichloropropane-d6	6.33	67	114345	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.80%
41) Toluene-d8	7.57	98	310349	36.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.40%#
43) trans-1,3-Dichloropropene-	7.85	79	48492	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
47) 2-Hexanone-d5	8.31	63	94339	78.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150440	35.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.58%
64) 1,2-Dichlorobenzene-d4	11.87	152	150069	39.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.62%#

Target Compounds

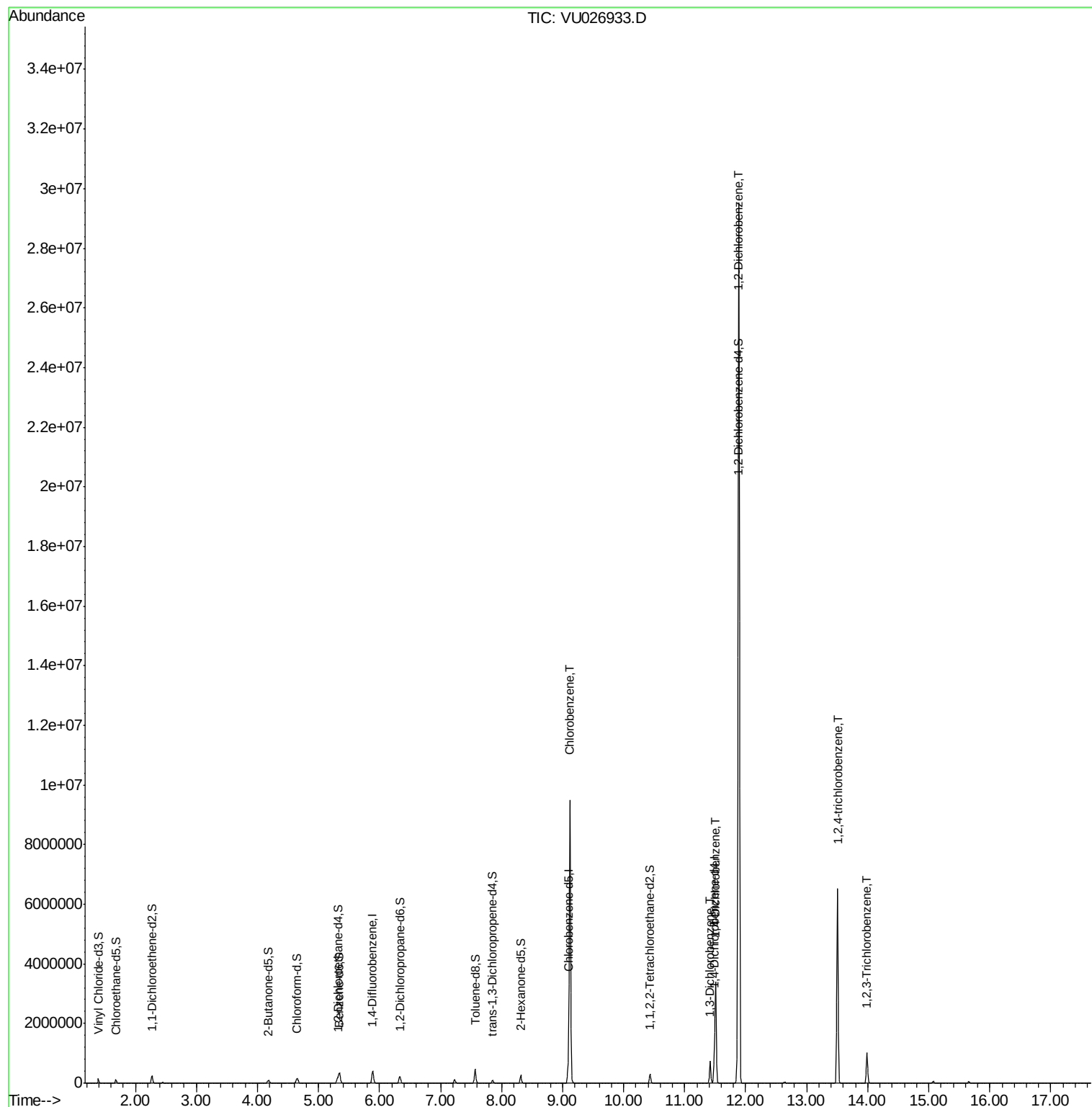
					Qvalue
51) Chlorobenzene	9.12	112	5136146	712.457 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	313199	55.981 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1377887	223.664 ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	12798834	2066.047 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	2039573	546.685 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	329918	80.303 ug/L	99

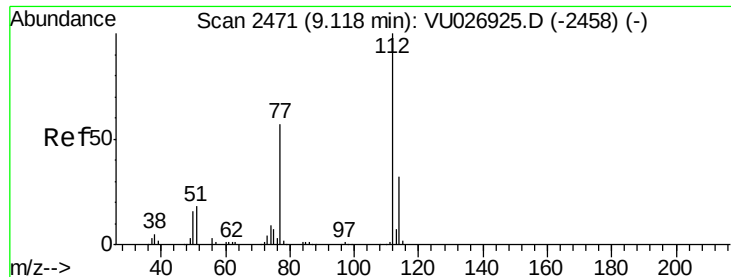
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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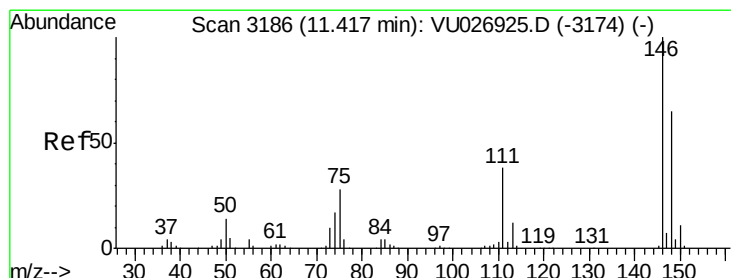
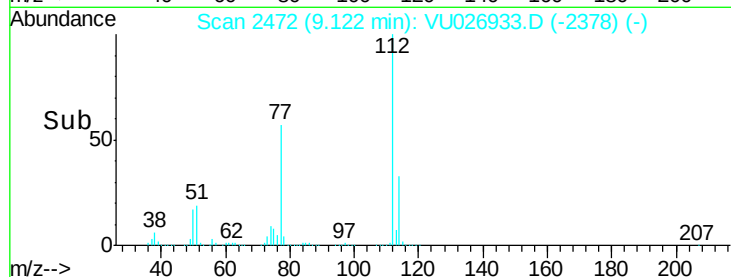
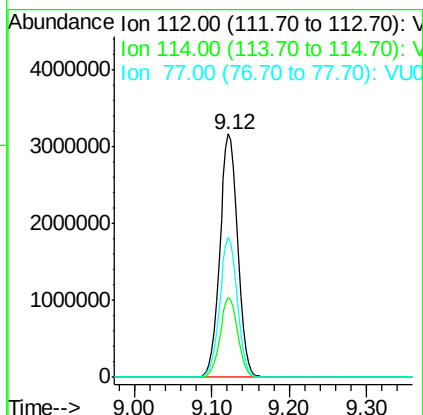
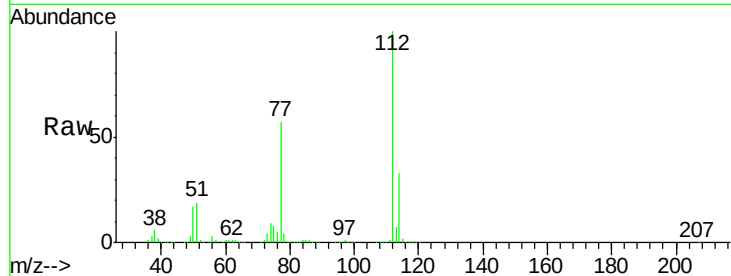




#51
Chlorobenzene
Concen: 712.457 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026933.D
Acq: 20 Sep 2018 13:06

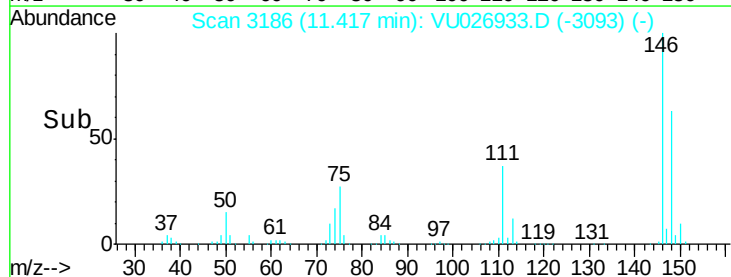
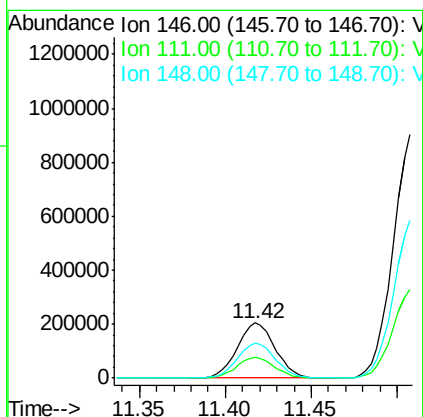
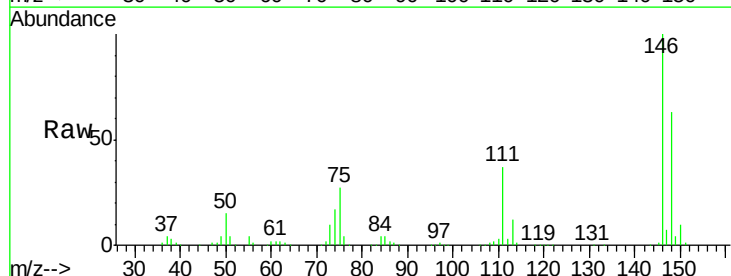
Instrument :
MSVOA_U
ClientSampleId :
C08K2

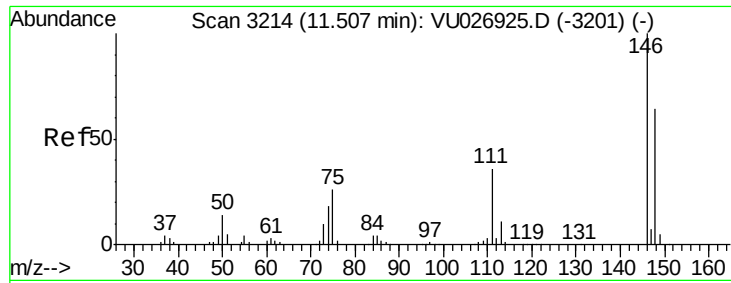
Tgt Ion:112 Resp: 5136146
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 57.3 45.1 67.7



#62
1,3-Dichlorobenzene
Concen: 55.981 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU026933.D
Acq: 20 Sep 2018 13:06

Tgt Ion:146 Resp: 313199
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.7
148 63.1 44.9 83.5

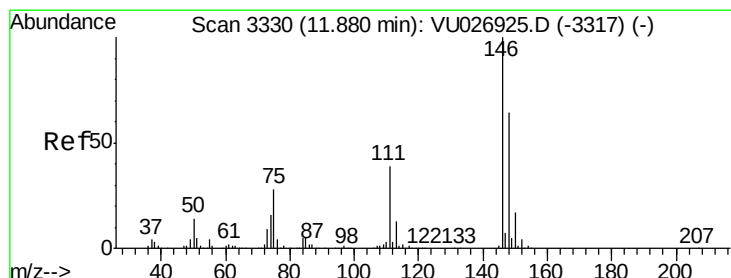
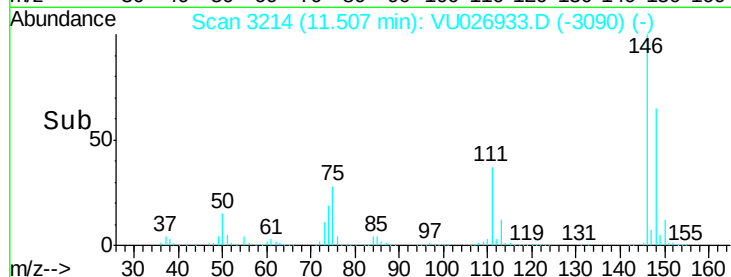
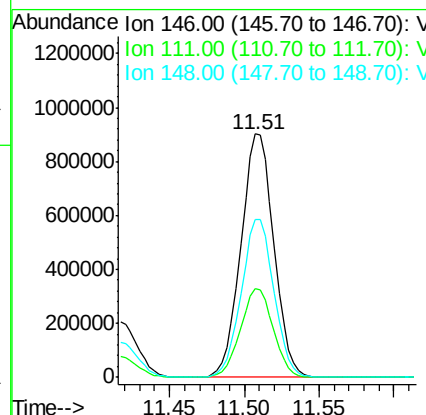
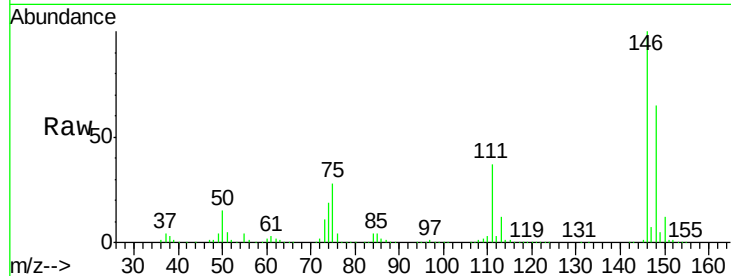




#63
 1,4-Dichlorobenzene
 Concen: 223.664 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026933.D
 Acq: 20 Sep 2018 13:06

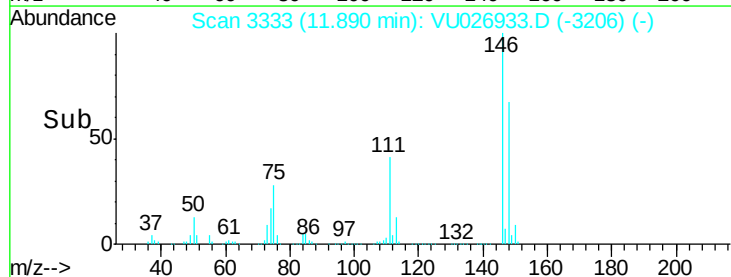
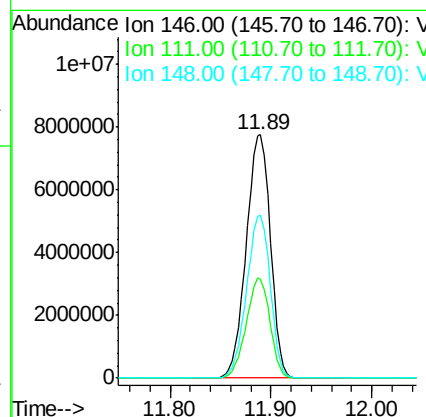
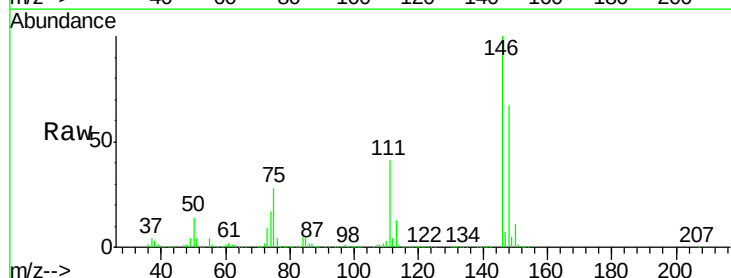
Instrument :
 MSVOA_U
 ClientSampled :
 C08K2

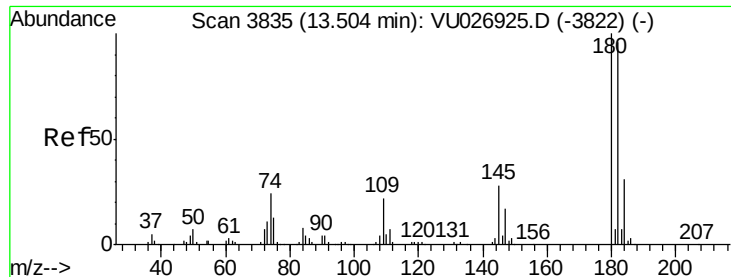
Tgt Ion:146 Resp: 1377887
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.0 48.2
 148 64.9 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 2066.047 ug/L
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.01 min
 Lab File: VU026933.D
 Acq: 20 Sep 2018 13:06

Tgt Ion:146 Resp:12798834
 Ion Ratio Lower Upper
 146 100
 111 40.8 31.4 47.0
 148 67.0 51.4 77.2

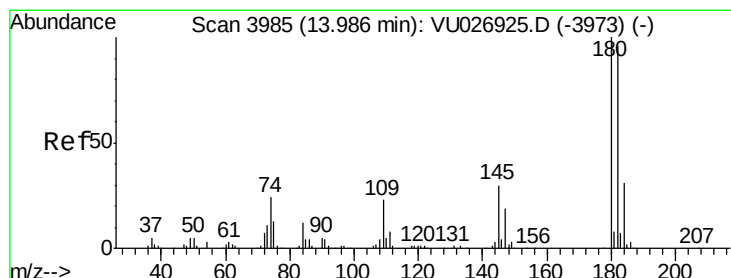
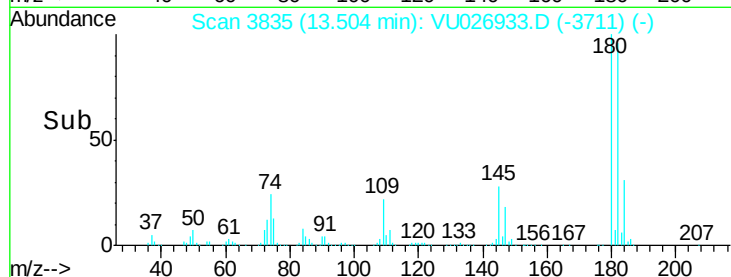
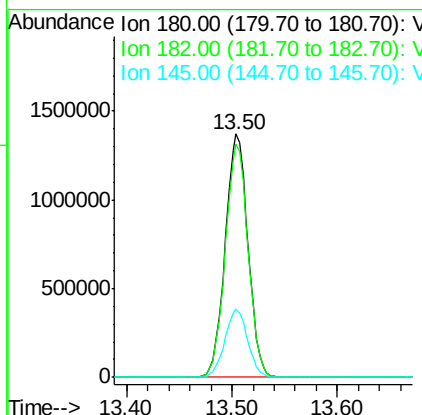
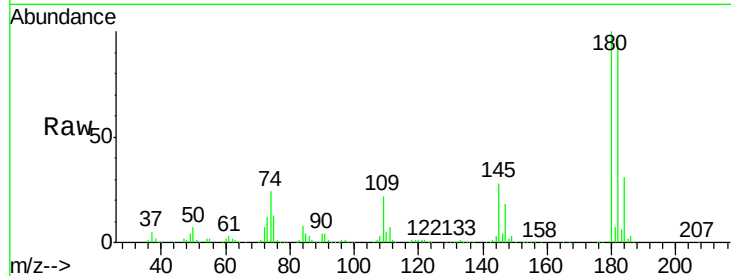




#68
 1,2,4-trichlorobenzene
 Concen: 546.685 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026933.D
 Acq: 20 Sep 2018 13:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K2

Tgt Ion:180 Resp: 2039573
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.8 115.2
 145 28.0 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 80.303 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU026933.D
 Acq: 20 Sep 2018 13:06

Tgt Ion:180 Resp: 329918
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 145 29.8 23.8 35.6

