

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026007.D
 Acq On : 09 Aug 2018 19:38
 Operator : MD/SY
 Sample : J4361-08DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB5DL

Quant Time: Aug 10 07:27:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86537	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.68	69	74904	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.27	63	136104	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	4.18	46	167551	95.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.63%
24) Chloroform-d	4.65	84	206165	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.31	65	142649	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.35	84	398991	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.33	67	131923	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.57	98	360095	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	62429	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.31	63	118046	94.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.79%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183312	45.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	147546	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

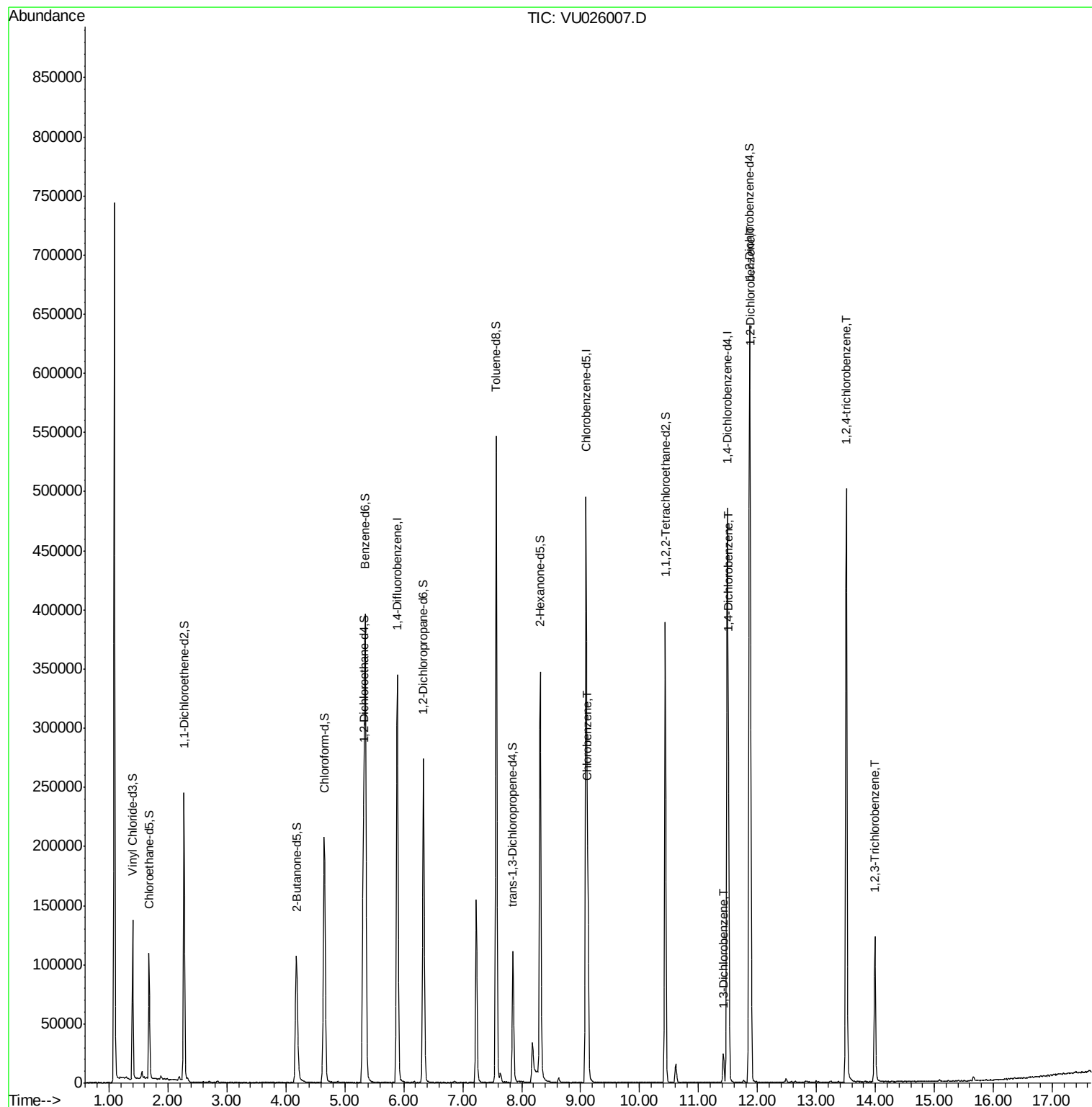
					Ovalue
51) Chlorobenzene	9.12	112	91508	16.45 ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	10252	2.68 ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	91374	22.80 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	135217	33.23 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	158838	65.74 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	40446	15.58 ug/L	100

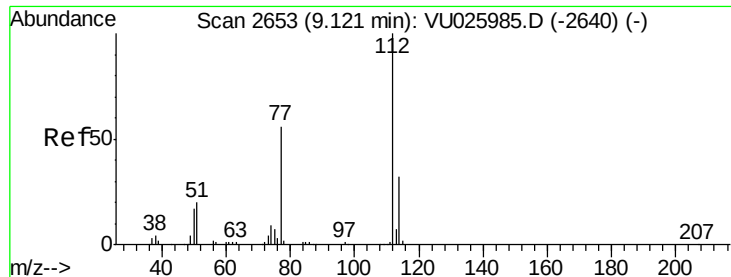
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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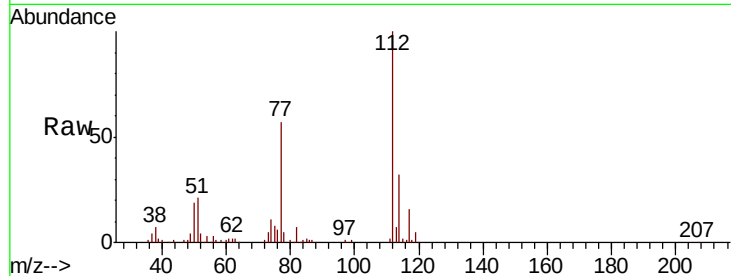




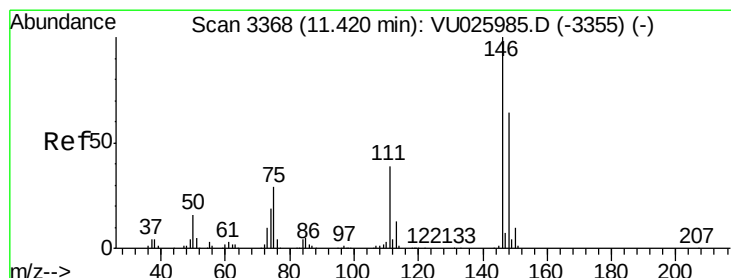
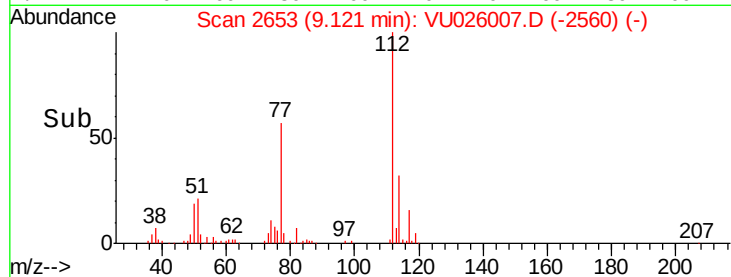
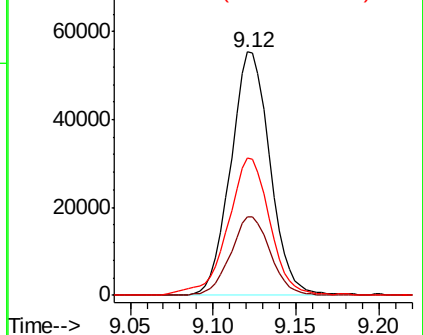
#51
Chlorobenzene
Concen: 16.45 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026007.D
Acq: 09 Aug 2018 19:38

Instrument :
MSVOA_U
ClientSampleId :
A4ZB5DL

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	56.6	45.2	67.8

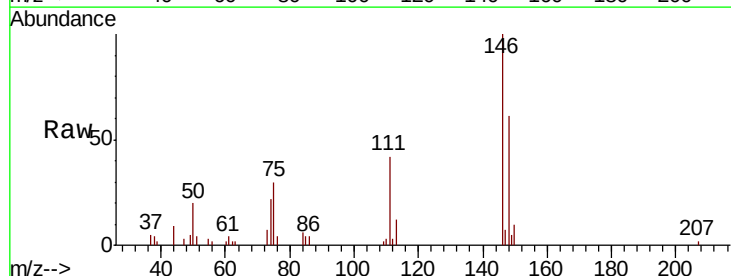


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

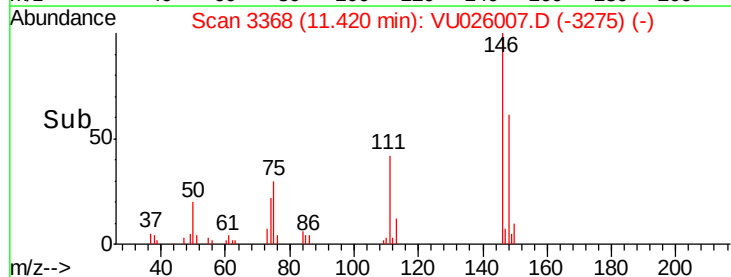
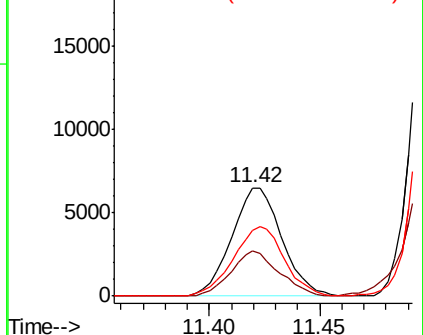


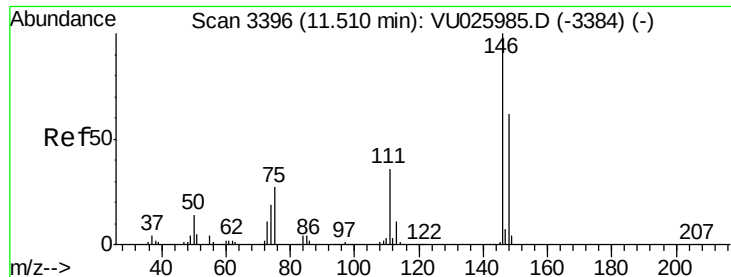
#62
1,3-Dichlorobenzene
Concen: 2.68 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU026007.D
Acq: 09 Aug 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	27.9	51.9
148	60.6	46.0	85.4



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

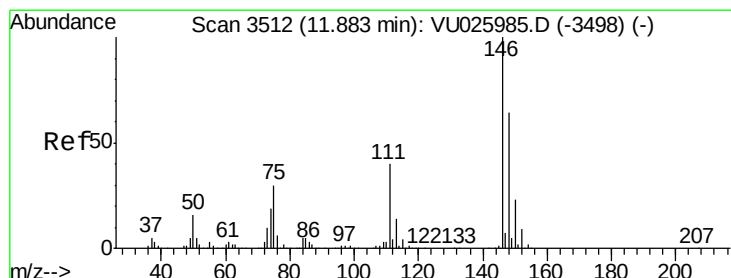
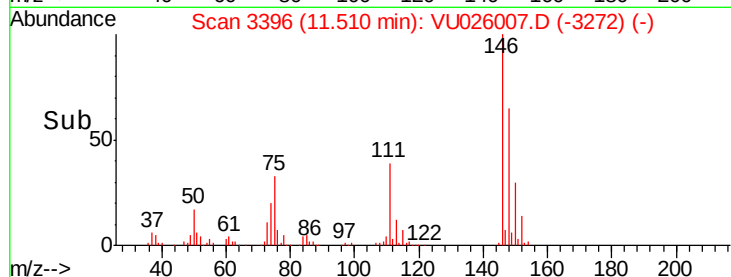
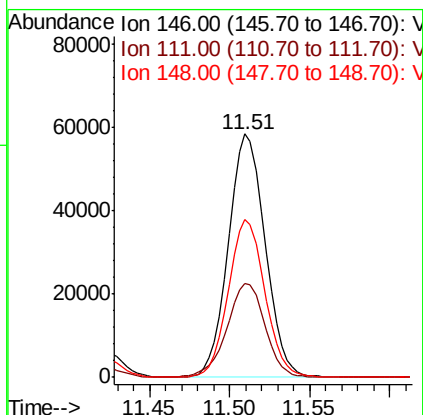
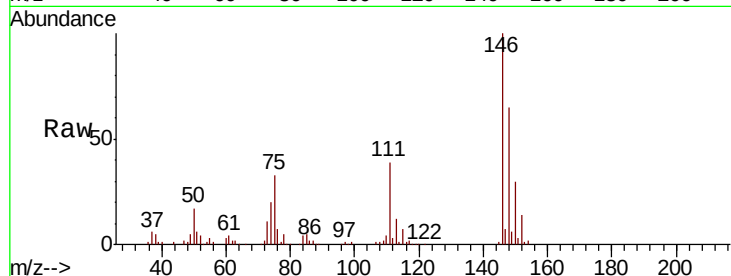




#63
 1,4-Dichlorobenzene
 Concen: 22.80 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

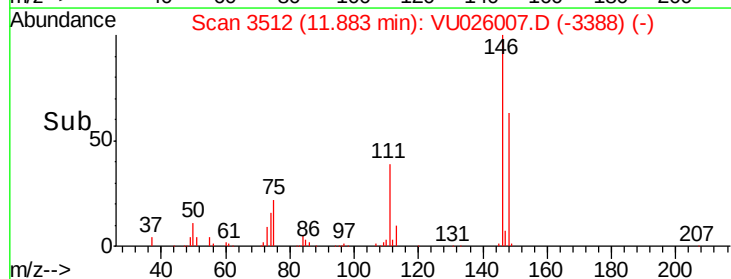
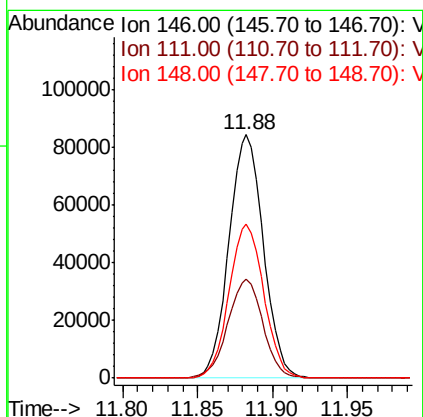
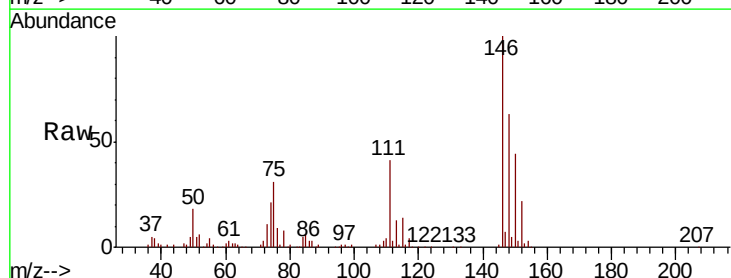
Instrument :
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 ClientSampleId :
 A4ZB5DL

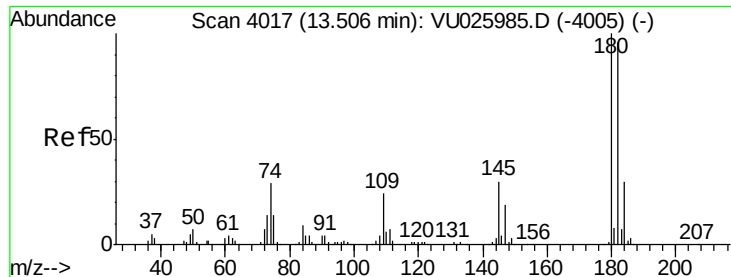
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.4	49.0
148	64.9	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 33.23 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	63.3	50.1	75.1

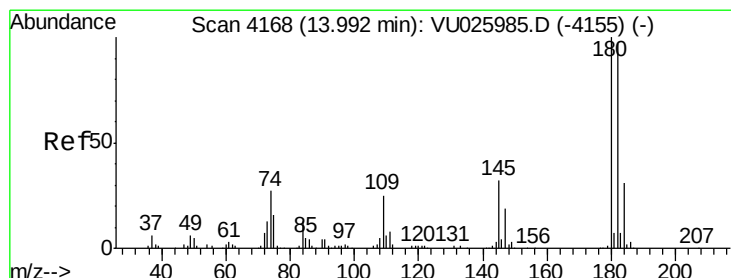
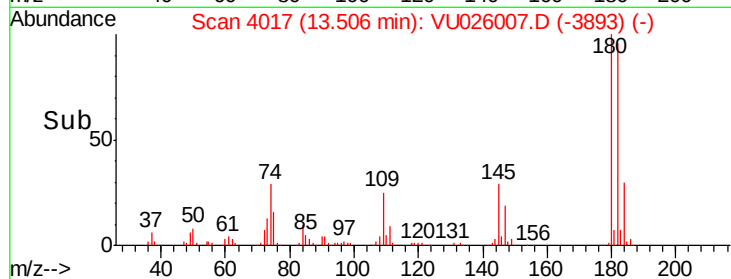
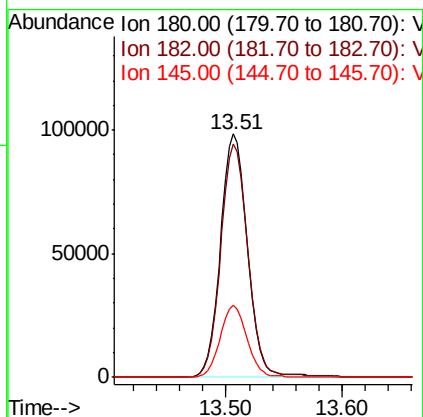
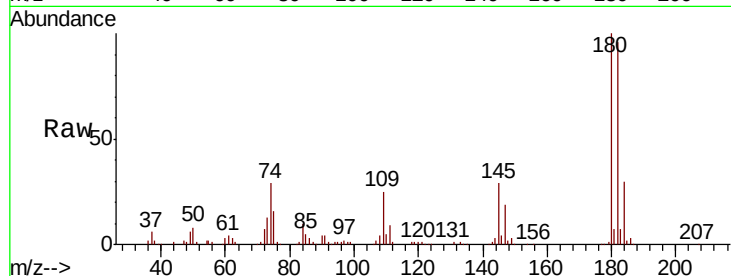




#68
 1,2,4-trichlorobenzene
 Concen: 65.74 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB5DL

Tot Ion:180 Resp: 158838
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.5 114.7
 145 29.5 24.2 36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 15.58 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Tgt Ion:180 Resp: 40446
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.5 114.7
 145 30.6 24.7 37.1

