

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026875.D
 Acq On : 18 Sep 2018 20:17
 Operator : MD/SY
 Sample : J4896-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P1

Quant Time: Sep 19 07:49:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 07:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	221256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	211037	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53759	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.70%
7) Chloroethane-d5	1.68	69	53950	38.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.02%
11) 1,1-Dichloroethene-d2	2.27	63	83026	26.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.62%#
21) 2-Butanone-d5	4.18	46	125673	115.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.71%
24) Chloroform-d	4.65	84	131514	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	87659	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.34	84	248714	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
36) 1,2-Dichloropropane-d6	6.33	67	88727	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.12%
41) Toluene-d8	7.57	98	198804	37.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.42%#
43) trans-1,3-Dichloropropene-	7.85	79	34841	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.31	63	84614	112.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131705	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	93238	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

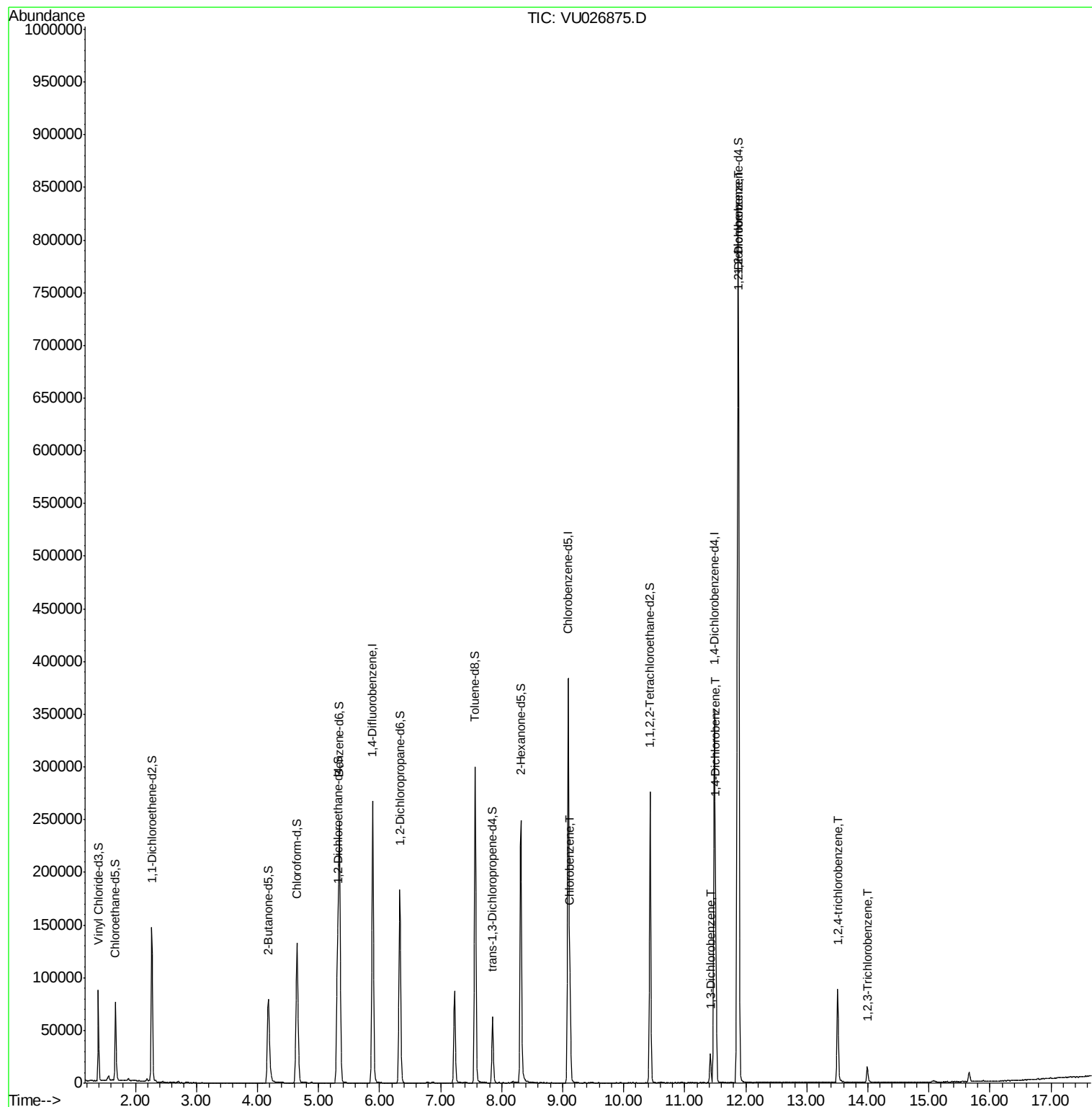
					Ovalue
51) Chlorobenzene	9.12	112	48554	10.807 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	11924	4.318 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	54784	18.017 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	315341	103.135 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	30366	16.491 ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	6187	3.051 ug/L	96

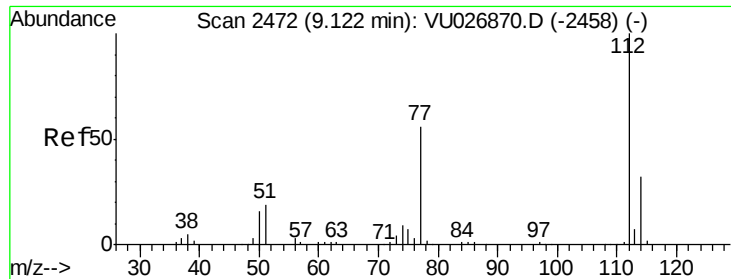
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

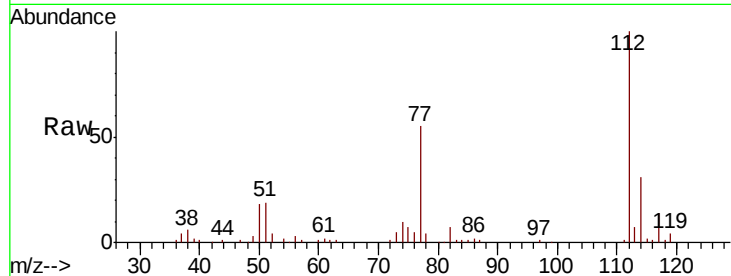




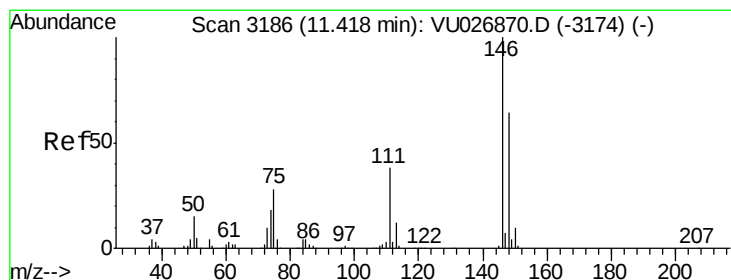
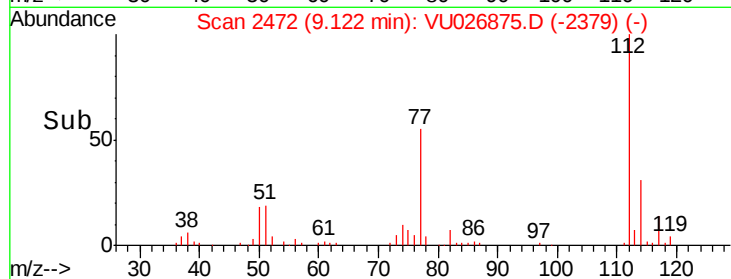
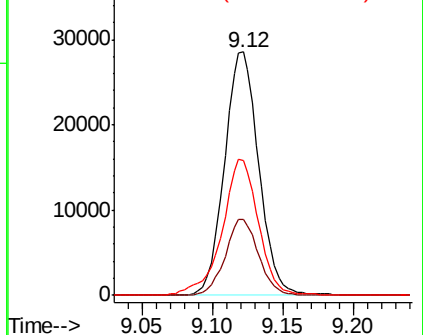
#51
Chlorobenzene
Concen: 10.807 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026875.D
Acq: 18 Sep 2018 20:17

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tot Ion:112 Resp: 48554
Ion Ratio Lower Upper
112 100
114 31.0 22.3 41.5
77 55.2 45.1 67.7

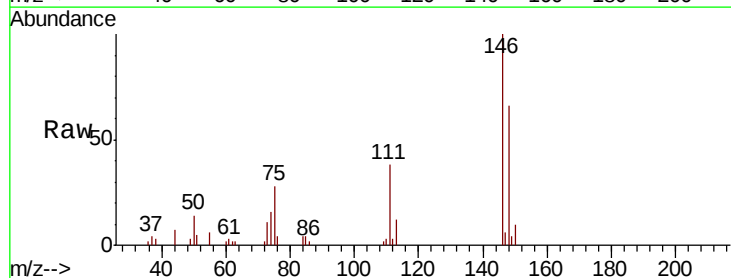


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

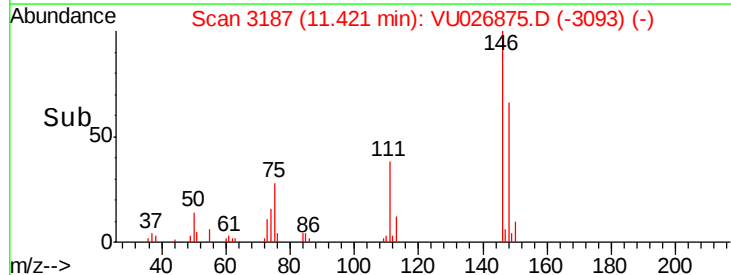
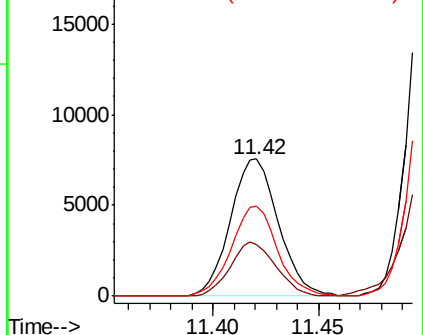


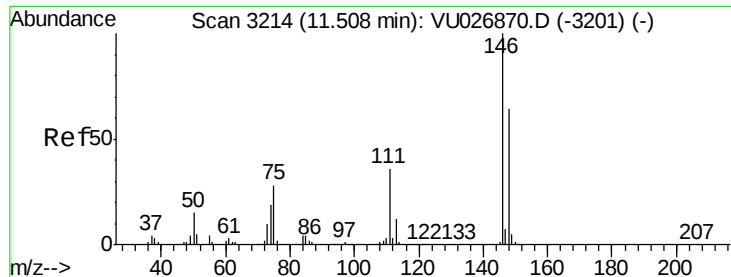
#62
1,3-Dichlorobenzene
Concen: 4.318 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026875.D
Acq: 18 Sep 2018 20:17

Tgt Ion:146 Resp: 11924
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 65.7 44.9 83.5



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

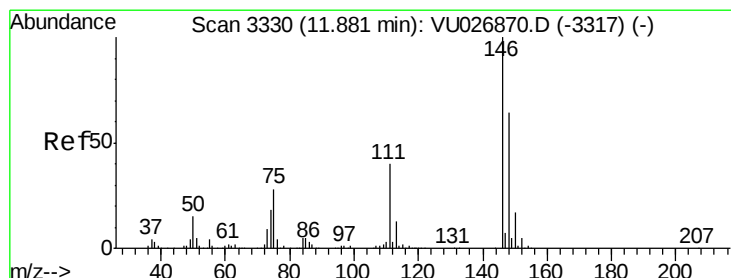
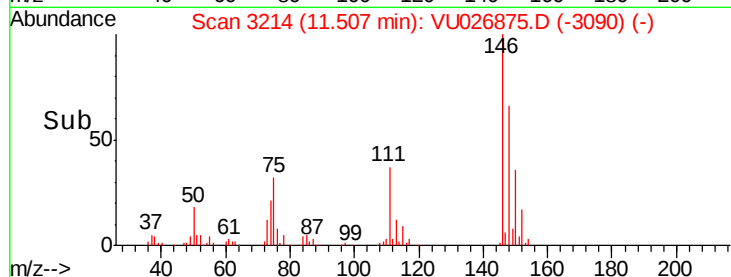
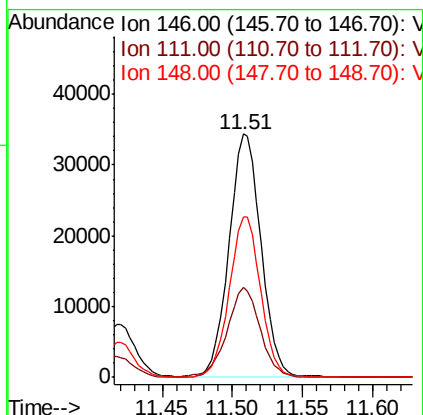
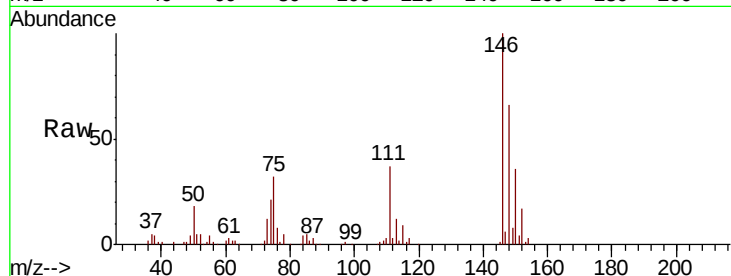




#63
 1,4-Dichlorobenzene
 Concen: 18.017 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026875.D
 Acq: 18 Sep 2018 20:17

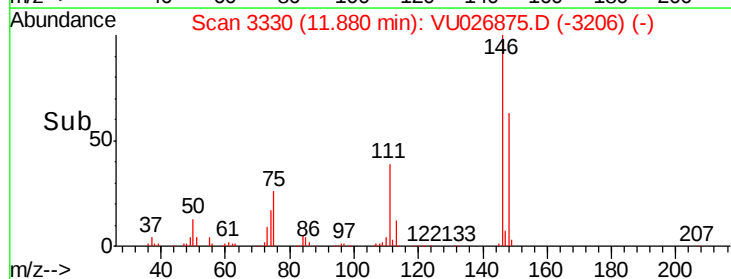
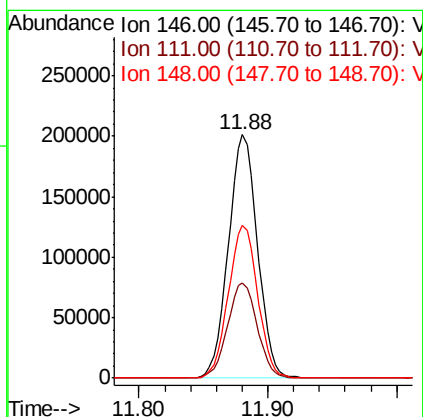
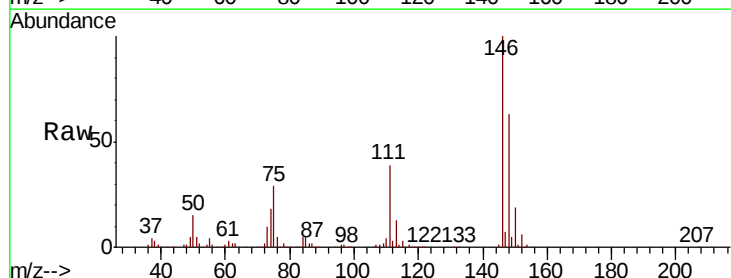
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 C08P1

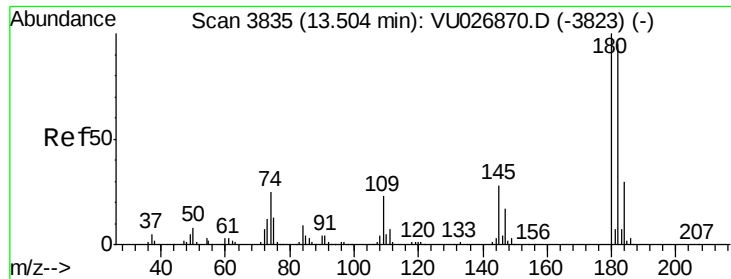
Tot Ion:146 Resp: 54784
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.0 48.2
 148 66.1 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 103.135 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026875.D
 Acq: 18 Sep 2018 20:17

Tgt Ion:146 Resp: 315341
 Ion Ratio Lower Upper
 146 100
 111 39.2 31.4 47.0
 148 62.7 51.4 77.2

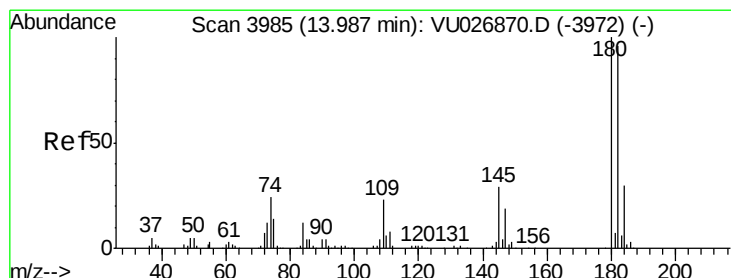
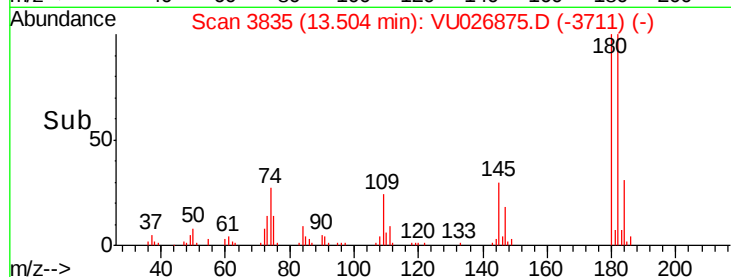
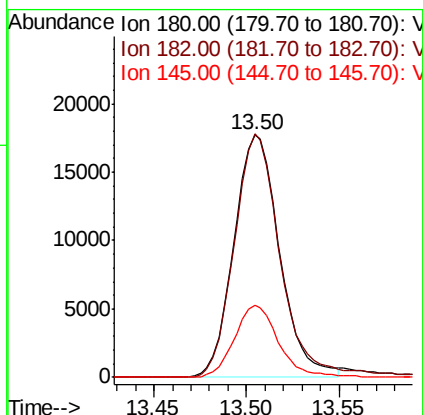
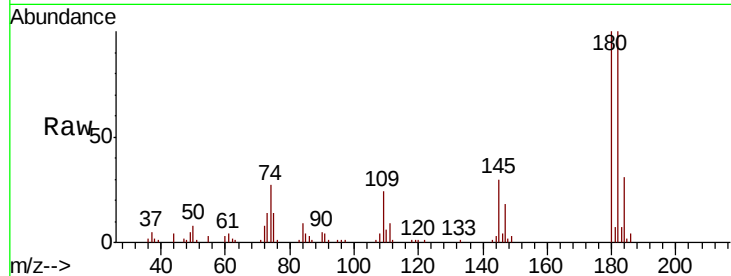




#68
 1,2,4-trichlorobenzene
 Concen: 16.491 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026875.D
 Acq: 18 Sep 2018 20:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P1

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	28.6	22.2	33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 3.051 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026875.D
 Acq: 18 Sep 2018 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	75.6	113.4
145	27.9	23.8	35.6

