

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025944.D
 Acq On : 07 Aug 2018 16:58
 Operator : MD/SY
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Aug 08 04:22:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	359921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	339074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	169149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101289	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.56%
7) Chloroethane-d5	1.68	69	76133	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.27	63	142726	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	4.18	46	146548	106.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.79%
24) Chloroform-d	4.65	84	191261	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.31	65	132044	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
32) Benzene-d6	5.35	84	387252	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
36) 1,2-Dichloropropane-d6	6.34	67	121322	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.57	98	363736	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	7.85	79	60724	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.66%
47) 2-Hexanone-d5	8.31	63	97935	101.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162740	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	147647	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

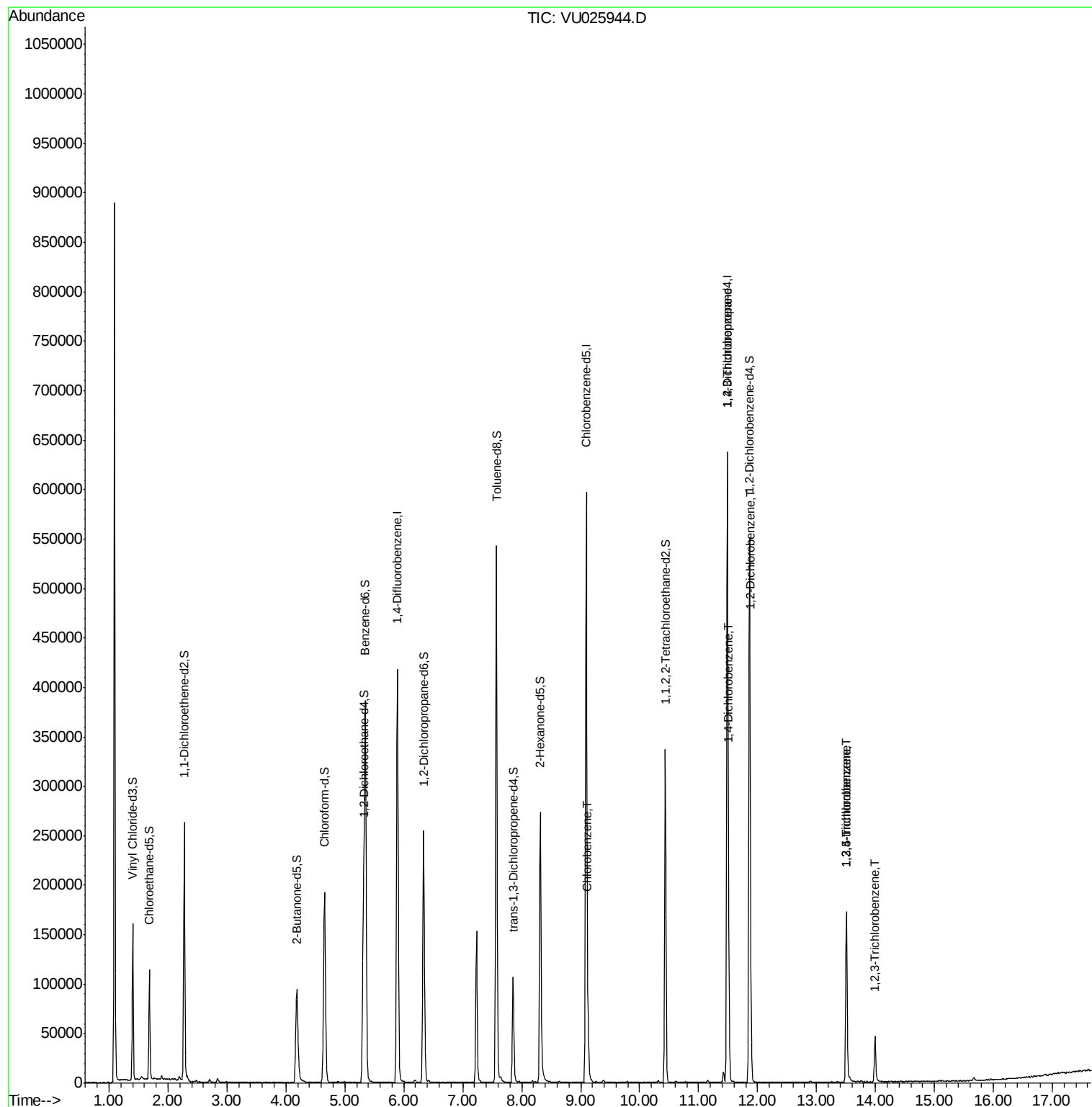
					Qvalue
51) Chlorobenzene	9.12	112	30675	4.631 ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	23471	7.788 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	49647	9.629 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	37287	7.348 ug/L	96
67) 1,3,5-Trichlorobenzene	13.51	180	58799	15.768 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	58799	18.168 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	16058	4.843 ug/L	97

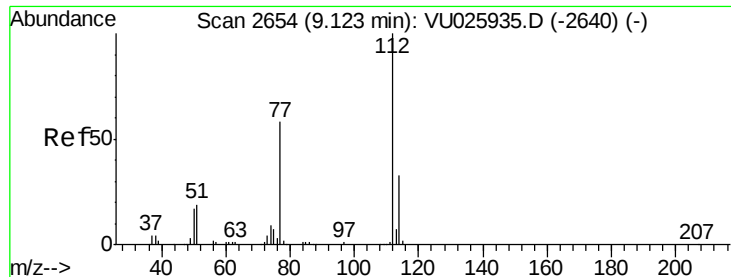
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VIBLK40

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QLast Update : Tue Aug 07 12:44:32 2018
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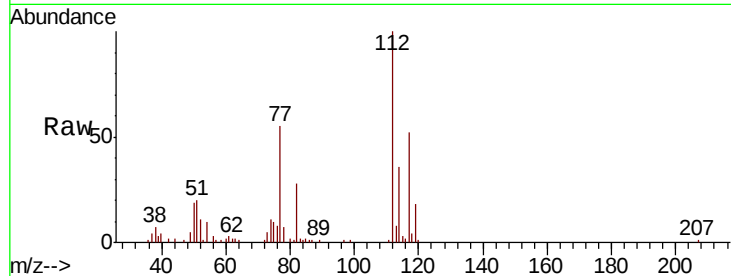




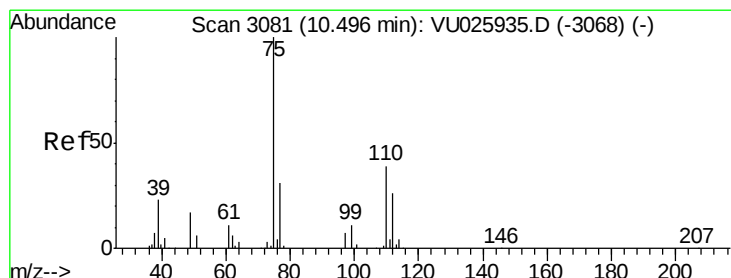
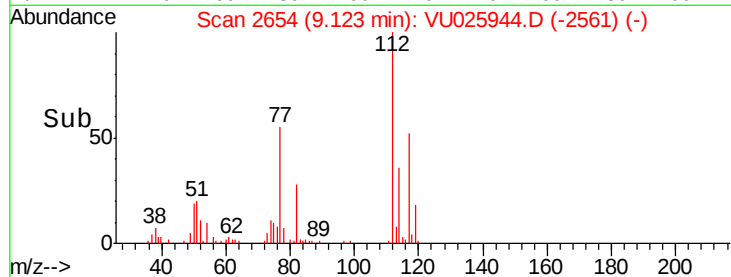
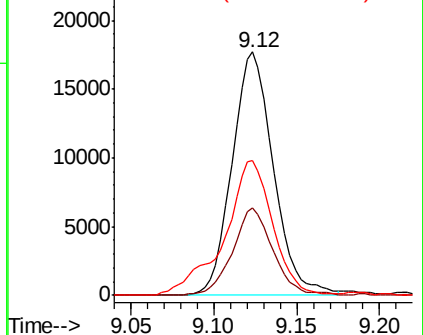
#51
Chlorobenzene
Concen: 4.631 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025944.D
Acq: 07 Aug 2018 16:58

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.9	22.5	41.9
77	55.5	45.8	68.8

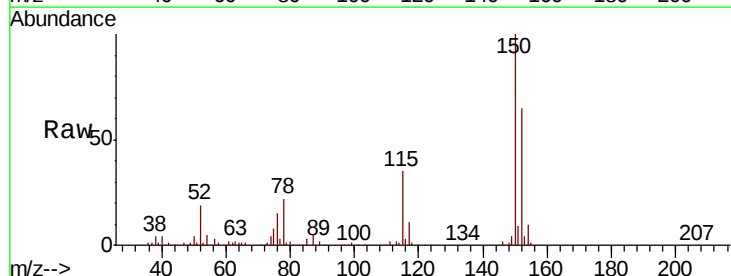


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

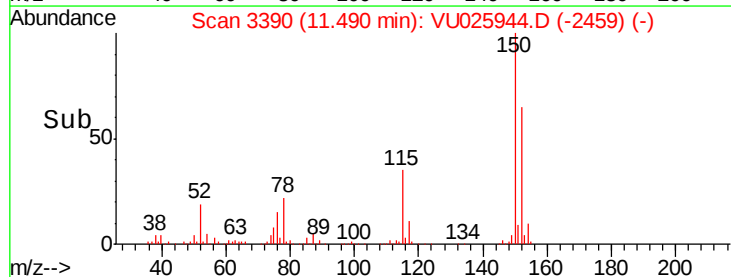
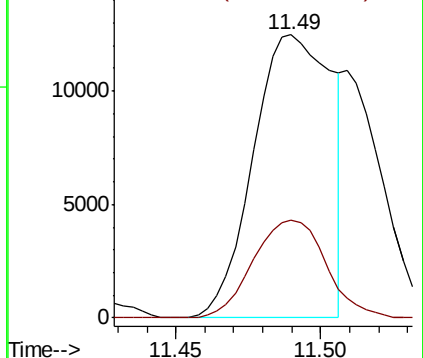


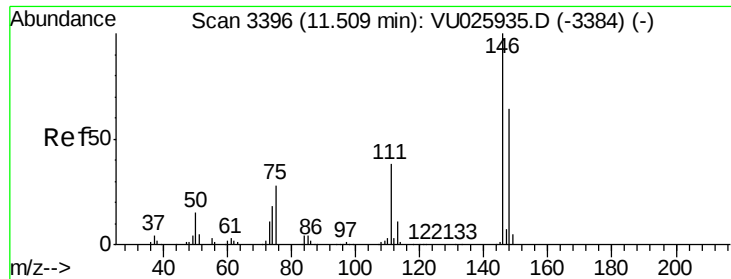
#59
1,2,3-Trichloropropane
Concen: 7.788 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU025944.D
Acq: 07 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

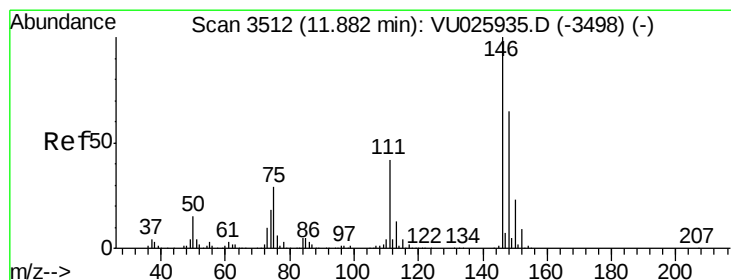
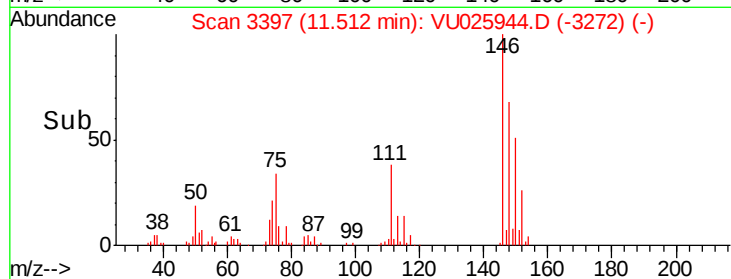
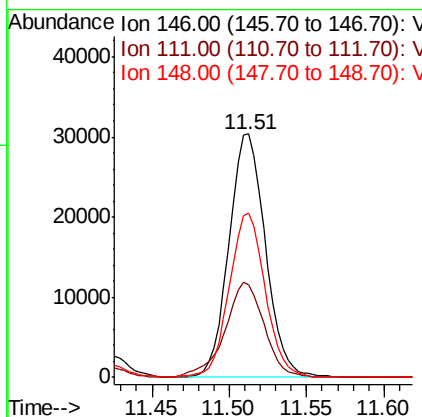
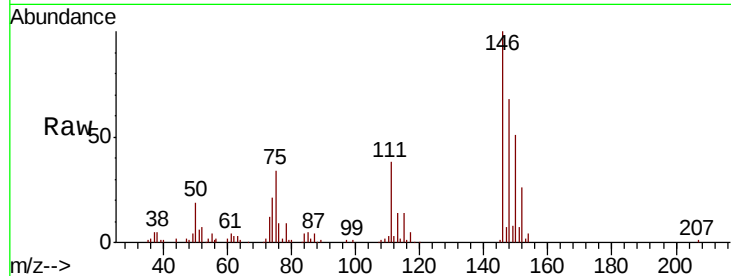




#63
 1,4-Dichlorobenzene
 Concen: 9.629 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025944.D
 Acq: 07 Aug 2018 16:58

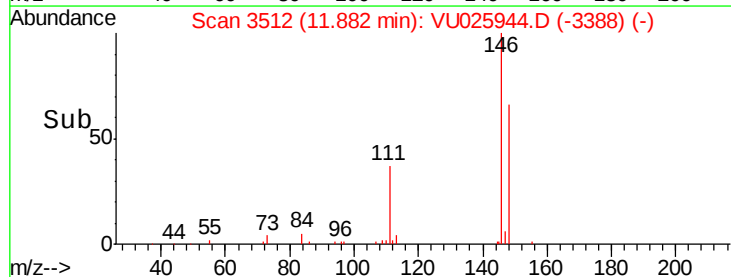
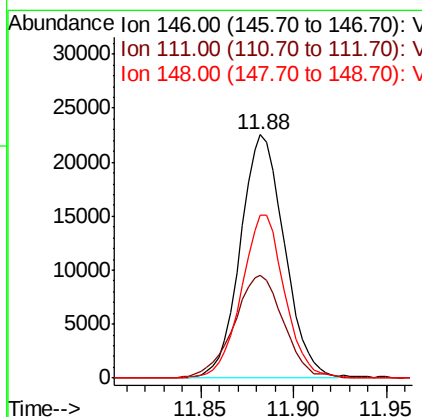
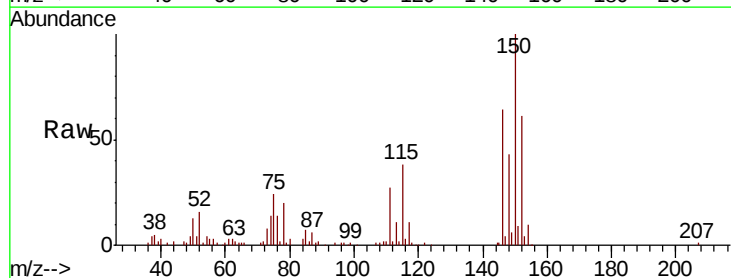
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

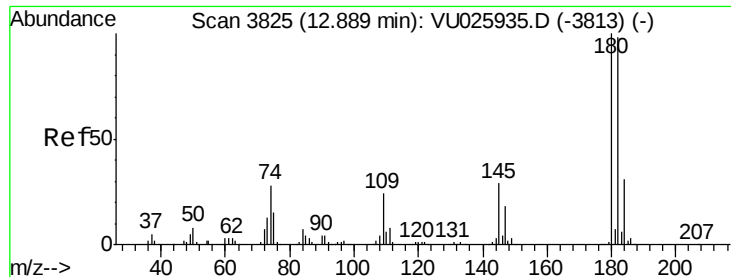
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.9	49.9
148	67.7	44.6	82.8



#65
 1,2-Dichlorobenzene
 Concen: 7.348 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025944.D
 Acq: 07 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.4	48.6
148	66.8	50.7	76.1

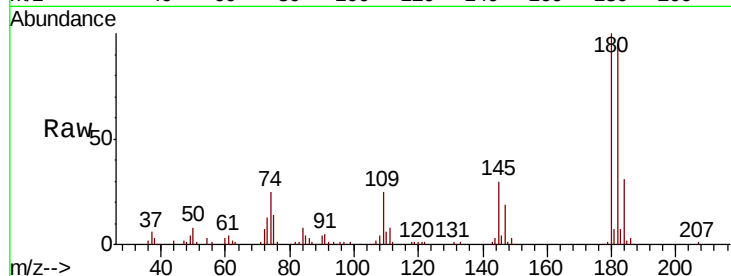




#67
 1,3,5-Trichlorobenzene
 Concen: 15.768 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU025944.D
 Acq: 07 Aug 2018 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion:	180	Resp:	58799
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.3	115.9
184	30.5	24.6	36.8
145	29.8	23.0	34.6



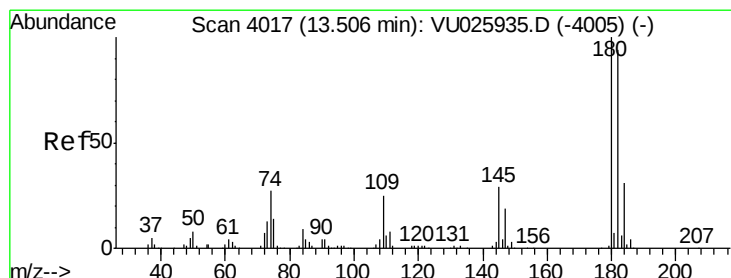
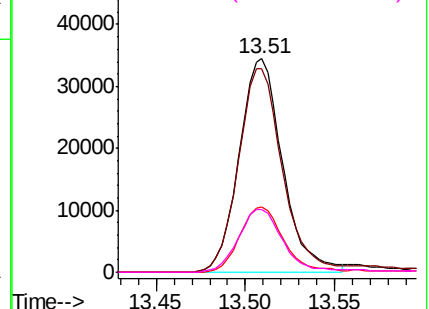
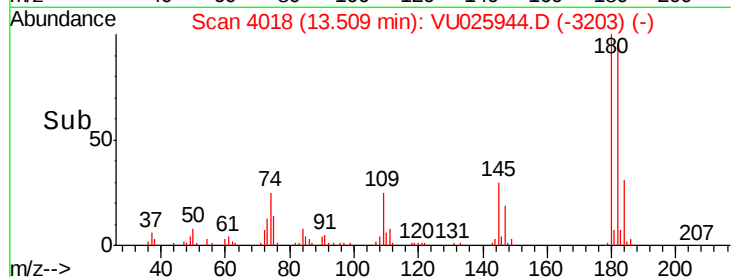
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

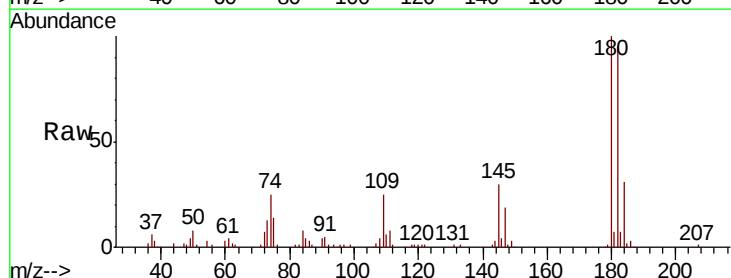
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 18.168 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025944.D
 Acq: 07 Aug 2018 16:58

Tgt Ion:	180	Resp:	58799
Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.1	117.1
145	29.8	23.4	35.2

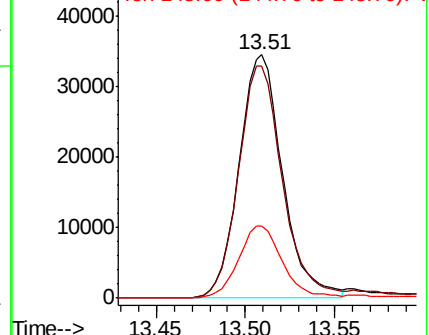
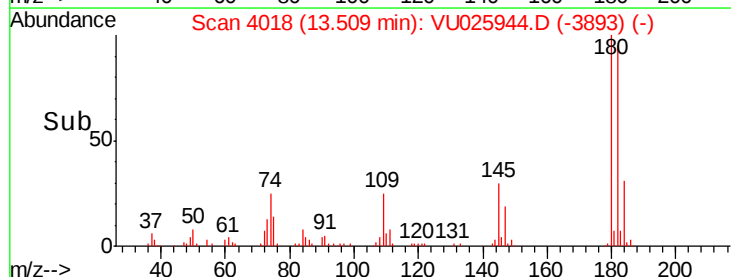


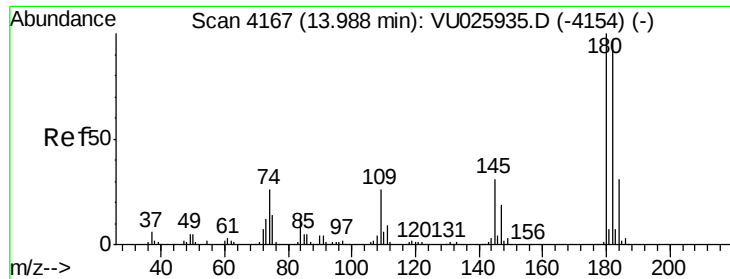
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 4.843 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025944.D
 Acq: 07 Aug 2018 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.6	114.8
145	34.6	25.4	38.2

