

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026860.D
 Acq On : 18 Sep 2018 14:28
 Operator : MD/SY
 Sample : J4896-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L6

Quant Time: Sep 19 07:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	239583	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77079	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.68	69	71721	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.56%
11) 1,1-Dichloroethene-d2	2.27	63	117270	34.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.94%
21) 2-Butanone-d5	4.18	46	138337	117.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	4.65	84	156121	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	106324	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.34	84	320960	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.33	67	106271	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.57	98	276972	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.85	79	44431	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.31	63	94564	114.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146643	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	117450	55.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.44%

Target Compounds

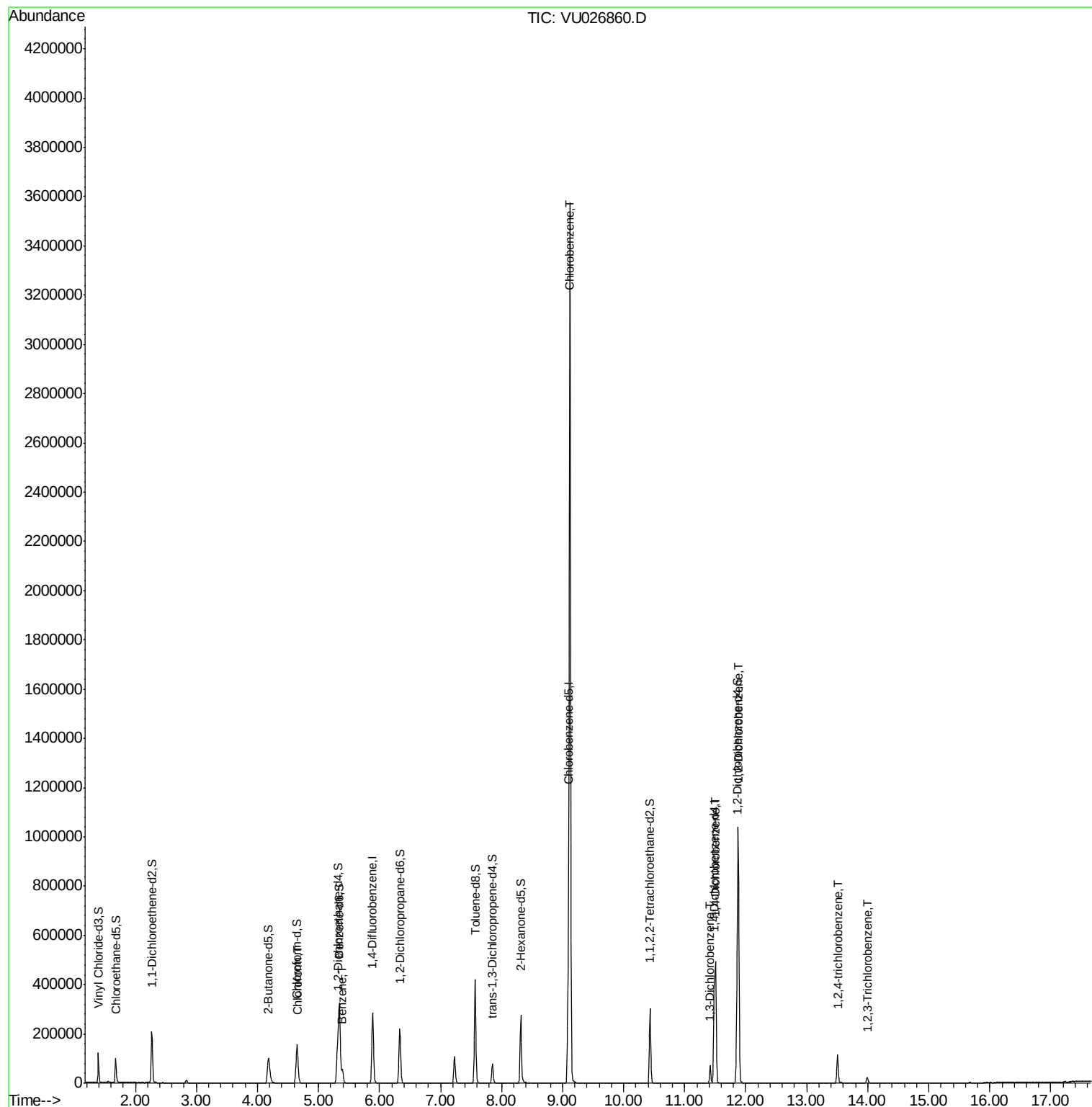
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.67	83	4656	1.393	ug/L	96
33) Benzene	5.39	78	56354	7.778	ug/L	100
51) Chlorobenzene	9.12	112	1882260	378.343	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	29147	9.351	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	183462	53.453	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	397553	115.189	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	38692	18.615	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	9236	4.035	ug/L	98

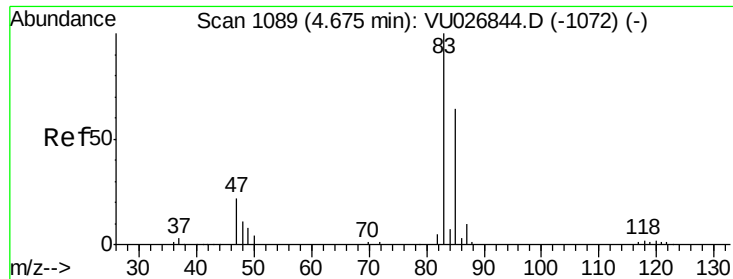
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 19 05:05:35 2018
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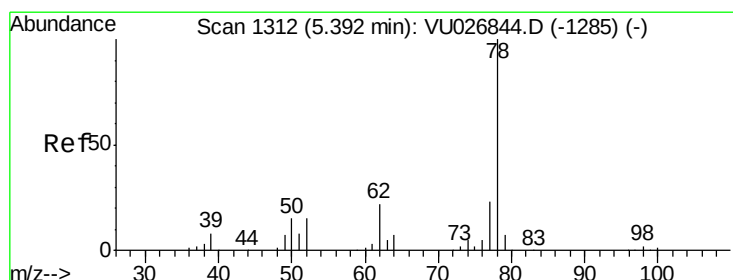
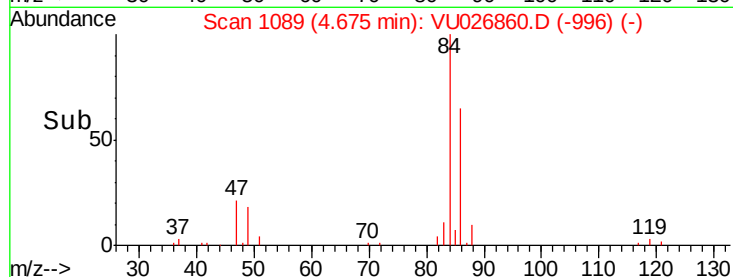
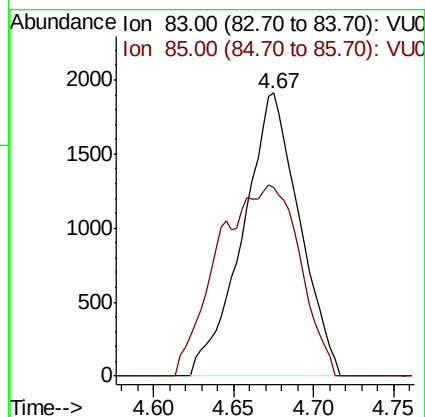
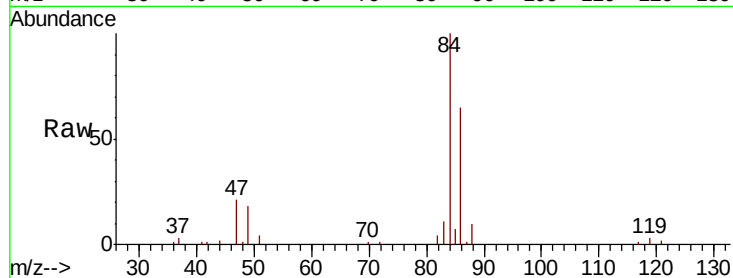




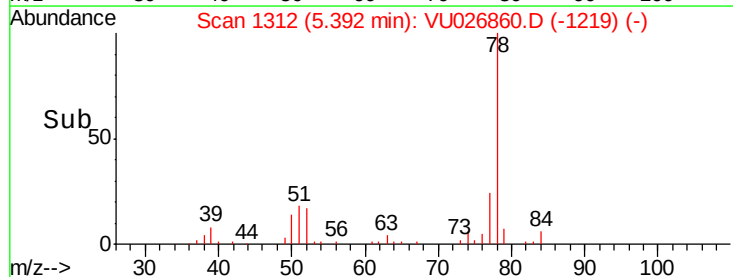
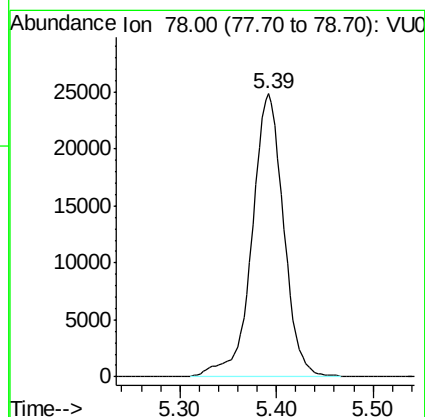
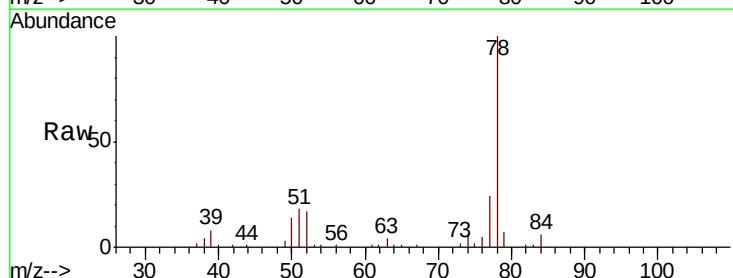
#25
Chloroform
Concen: 1.393 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026860.D
Acq: 18 Sep 2018 14:28

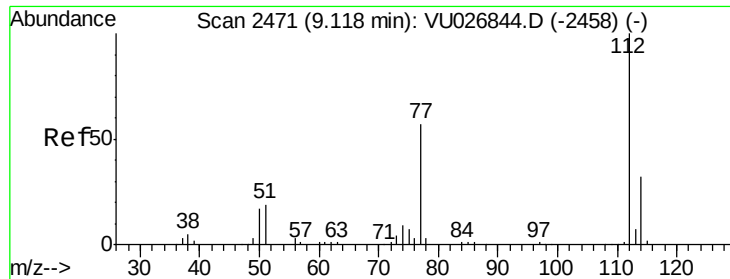
Instrument :
MSVOA_U
ClientSampled :
C08L6

Tot Ion: 83 Resp: 4656
Ion Ratio Lower Upper
83 100
85 66.5 44.4 82.5



#33
Benzene
Concen: 7.778 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU026860.D
Acq: 18 Sep 2018 14:28
Tgt Ion: 78 Resp: 56354

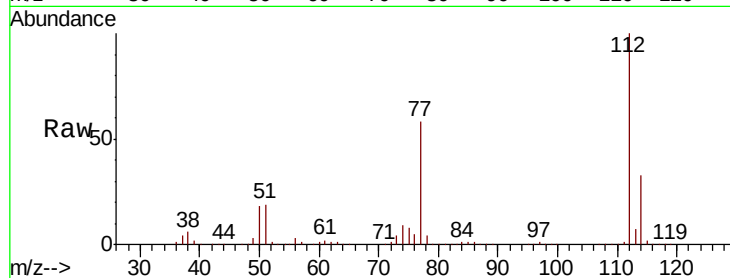




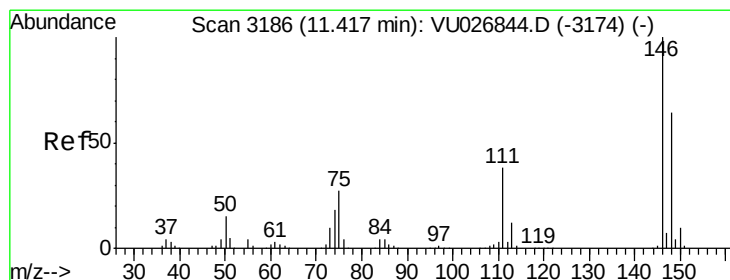
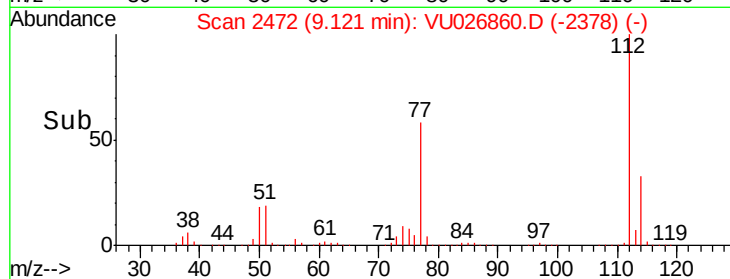
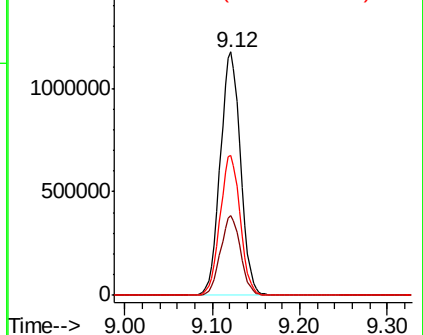
#51
Chlorobenzene
Concen: 378.343 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026860.D
Acq: 18 Sep 2018 14:28

Instrument :
MSVOA_U
ClientSampleId :
C08L6

Tot Ion:112 Resp: 1882260
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.5
77 57.7 45.1 67.7

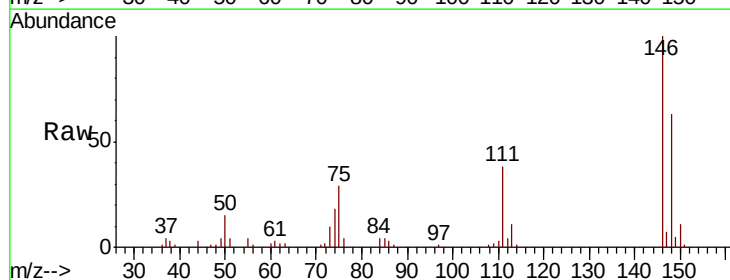


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

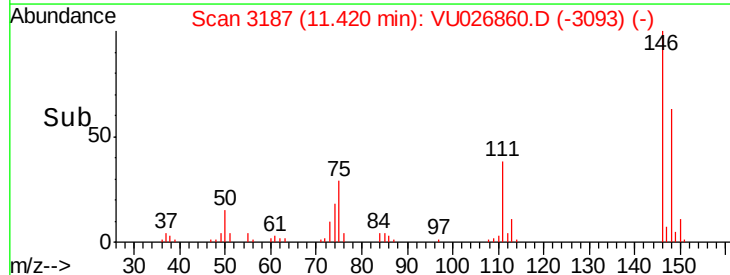
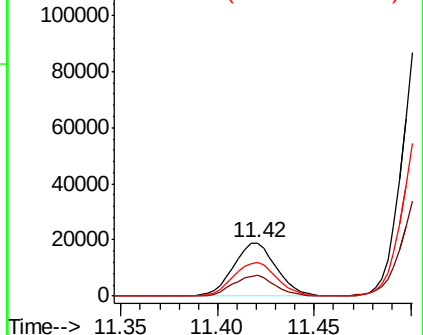


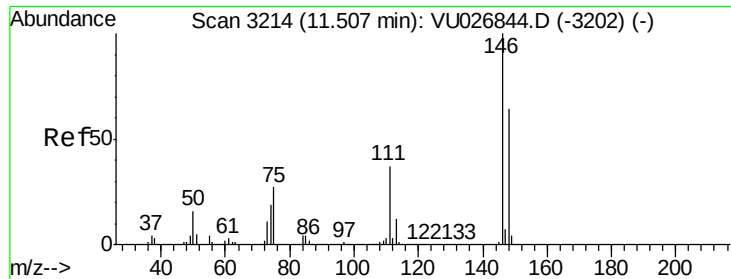
#62
1,3-Dichlorobenzene
Concen: 9.351 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026860.D
Acq: 18 Sep 2018 14:28

Tgt Ion:146 Resp: 29147
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 62.6 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

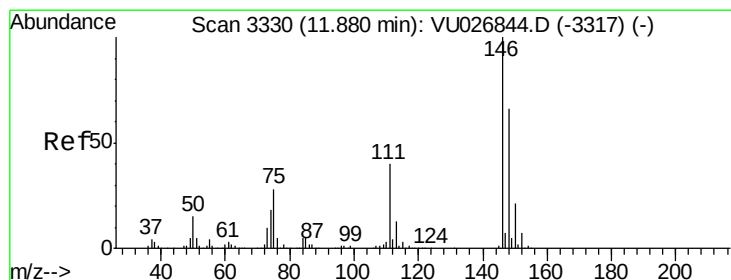
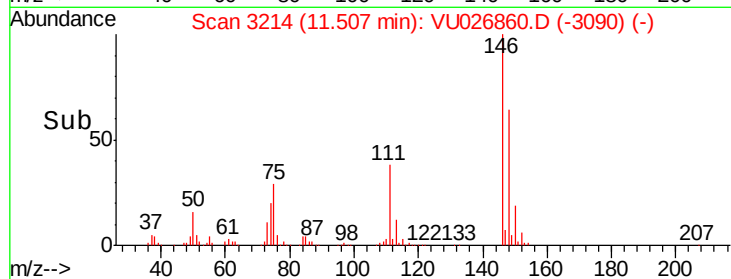
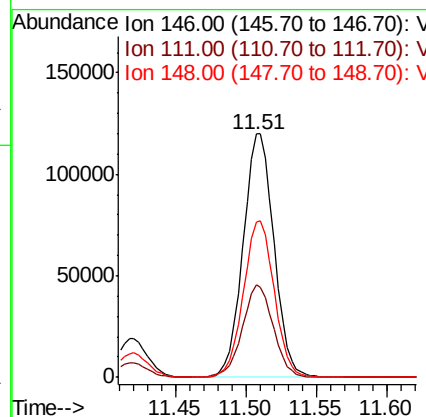
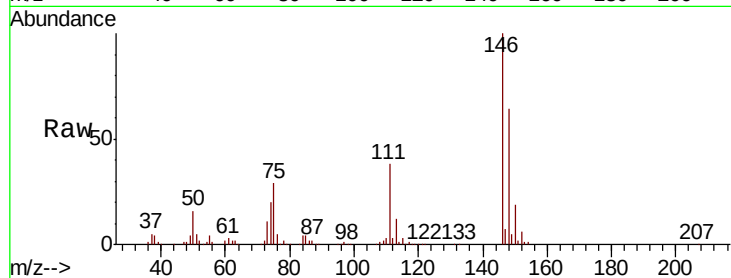




#63
 1,4-Dichlorobenzene
 Concen: 53.453 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026860.D
 Acq: 18 Sep 2018 14:28

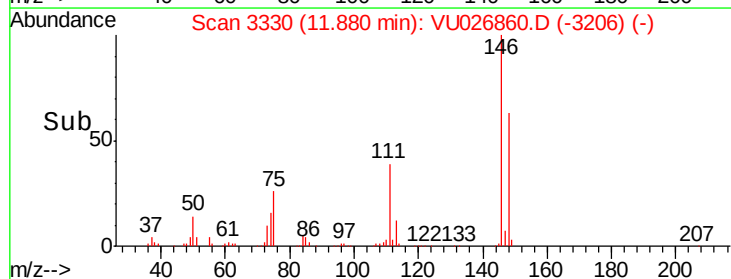
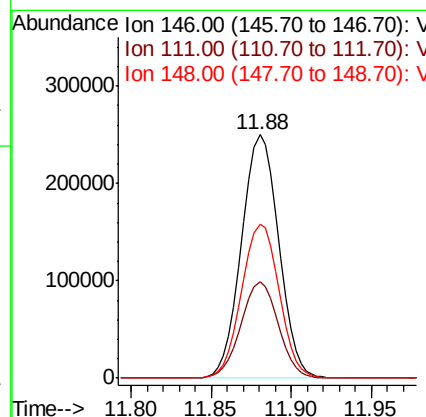
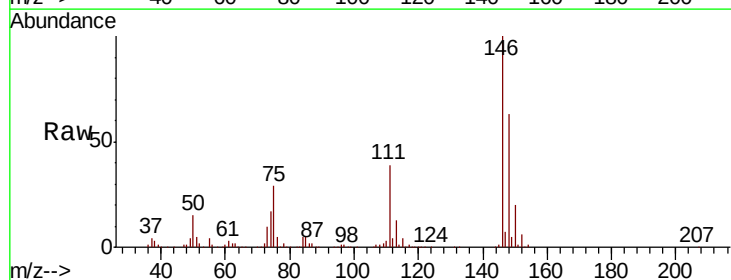
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 ClientSampleId :
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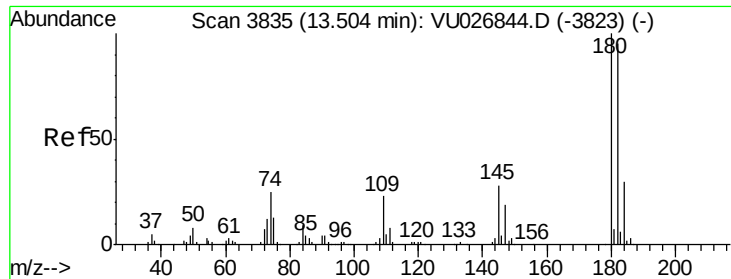
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.0	48.2
148	64.0	45.8	85.2



#65
 1,2-Dichlorobenzene
 Concen: 115.189 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026860.D
 Acq: 18 Sep 2018 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.4	47.0
148	63.3	51.4	77.2

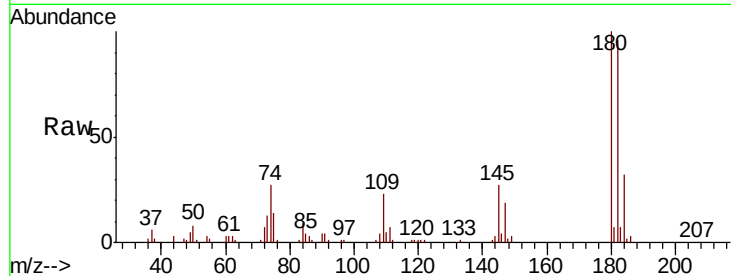




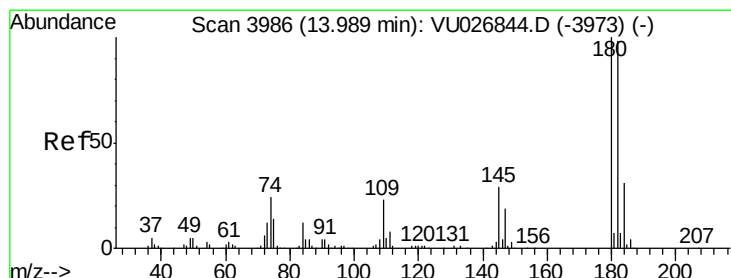
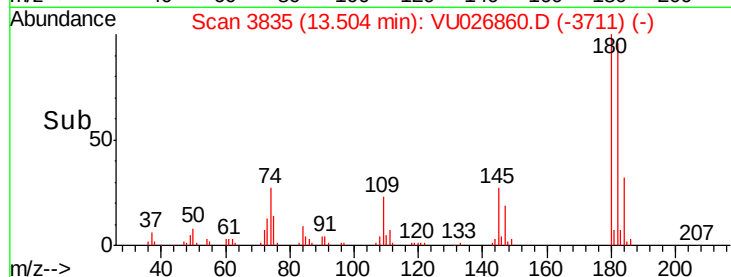
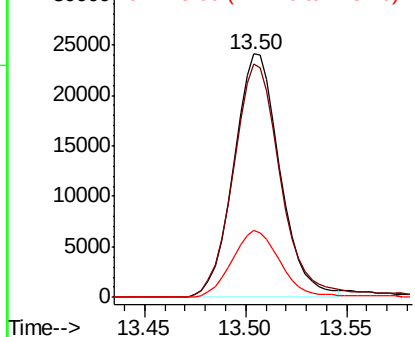
#68
 1,2,4-trichlorobenzene
 Concen: 18.615 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026860.D
 Acq: 18 Sep 2018 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L6

Tot Ion:180 Resp: 38692
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.8 115.2
 145 28.5 22.2 33.2

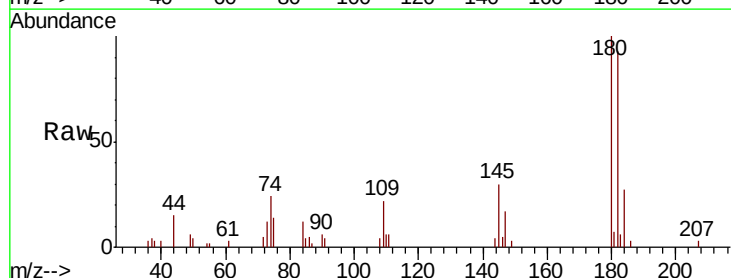


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 4.035 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. -0.00 min
 Lab File: VU026860.D
 Acq: 18 Sep 2018 14:28

Tgt Ion:180 Resp: 9236
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.6 113.4
 145 27.1 23.8 35.6



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

