Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029705.D
Acq On : 27 Feb 2019 15:21
Operator : JC/SP
Sample : K1623-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 00:54:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465312	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242160	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	166290	48.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.54%			
7) Chloroethane-d5	1.68	69	141307	46.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.24%			
11) 1,1-Dichloroethene-d2	2.27	63	237232	35.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.18%			
21) 2-Butanone-d5	4.17	46	253917	122.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.37%			
24) Chloroform-d	4.64	84	289590	52.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.74%			
26) 1,2-Dichloroethane-d4	5.31	65	186041	53.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.26%			
32) Benzene-d6	5.34	84	644401	55.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.54%			
36) 1,2-Dichloropropane-d6	6.33	67	198477	57.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.18%			
41) Toluene-d8	7.56	98	617645	52.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.76%			
43) trans-1,3-Dichloropropene-	7.85	79	90821	49.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.50%			
47) 2-Hexanone-d5	8.31	63	218373	112.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.80%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295694	50.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	269977	51.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.46%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2513	0.775	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2250	0.730	ug/L #	1
13) Acetone	2.32	43	1409	0.635	ug/L	92
25) Chloroform	4.67	83	16658	3.036	ug/L	94
27) 1,2-Dichloroethane	5.39	62	2848	0.675	ug/L #	73
31) Carbon tetrachloride	5.14	117	3290	0.747	ug/L #	50
33) Benzene	5.39	78	592394	50.316	ug/L	100
35) Methylcyclohexane	6.33	83	46665	8.860	ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	3677	0.782	ug/L	87
51) Chlorobenzene	9.12	112	2750901	287.867	ug/L	98
59) 1,2,3-Trichloropropane	11.41	75	31008	7.037	ug/L #	43
62) 1,3-Dichlorobenzene	11.41	146	117696	15.244	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1038957	133.714	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1353216	167.901	ug/L	100
67) 1,3,5-Trichlorobenzene	13.50	180	150138	25.482	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	150138	29.462	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	40230	7.434	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029705.D
Acq On : 27 Feb 2019 15:21
Operator : JC/SP
Sample : K1623-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 00:54:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

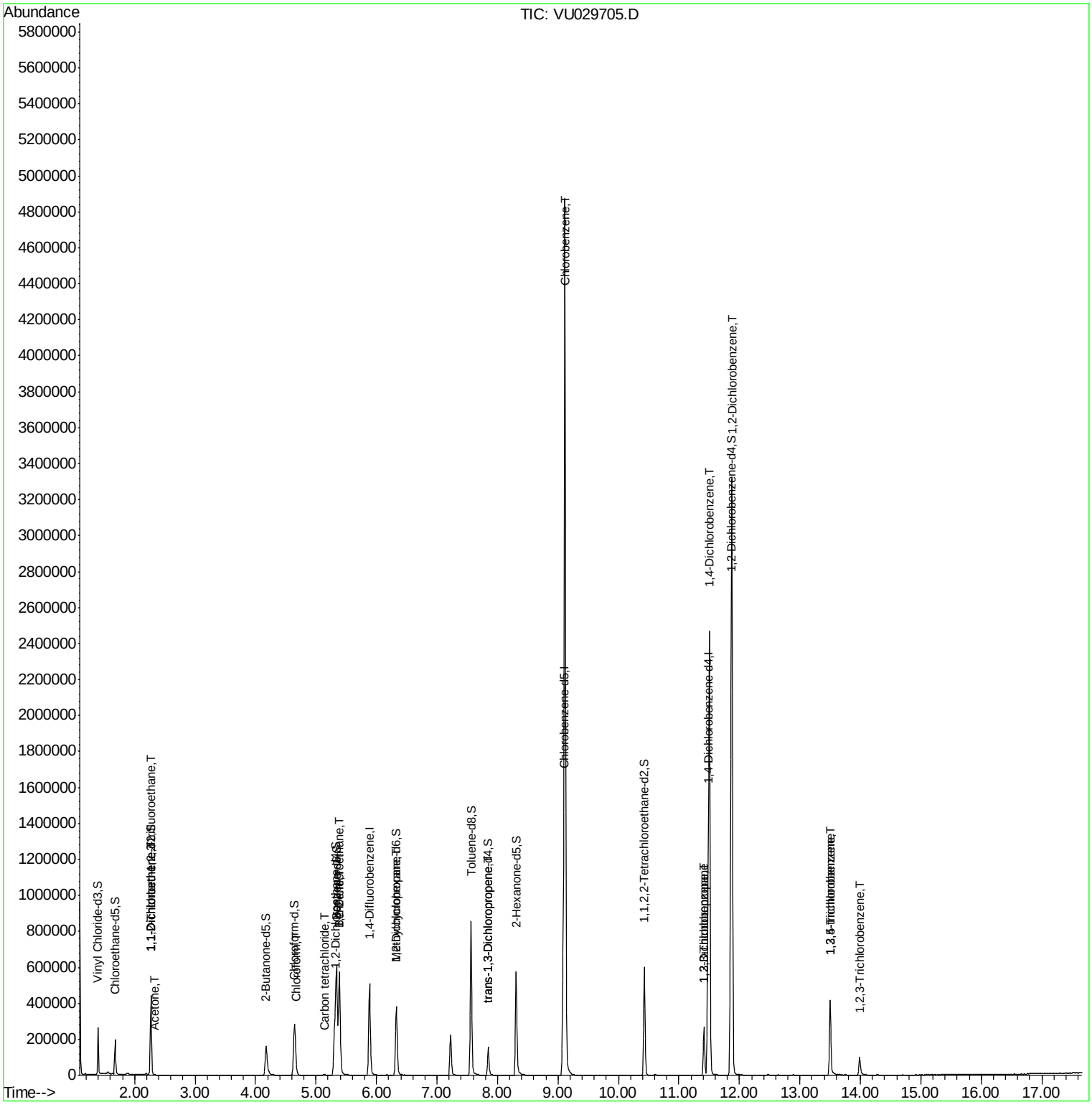
(#) = qualifier out of range (m) = manual integration (+) = signals summed

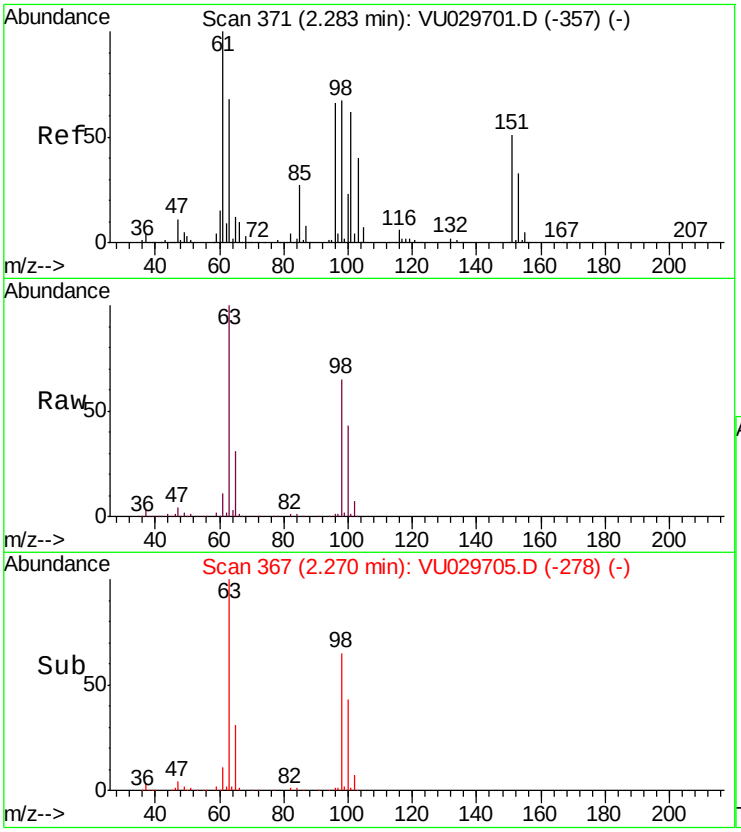
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029705.D
Acq On : 27 Feb 2019 15:21
Operator : JC/SP
Sample : K1623-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 00:54:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

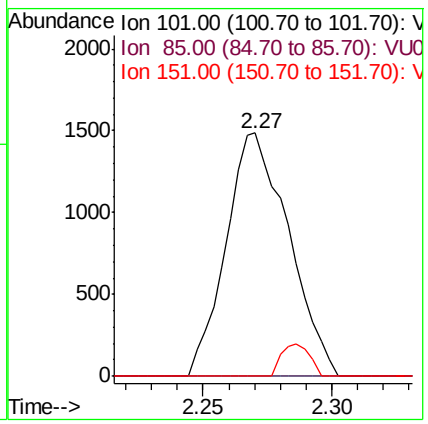


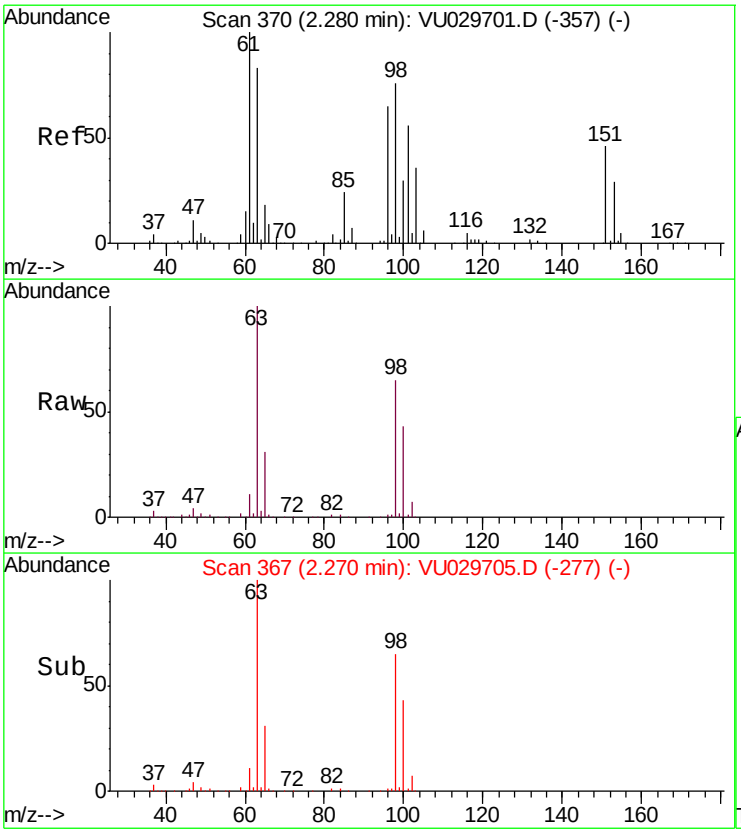


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.775 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:101 Resp: 2513

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	6.1	65.7	98.5#

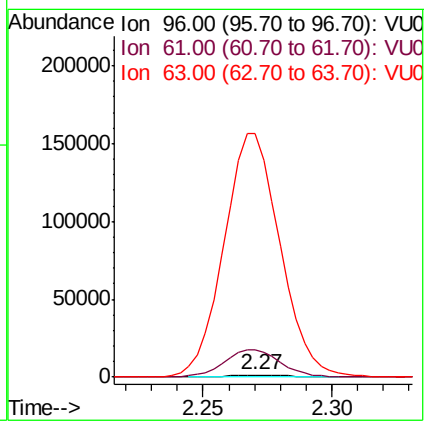


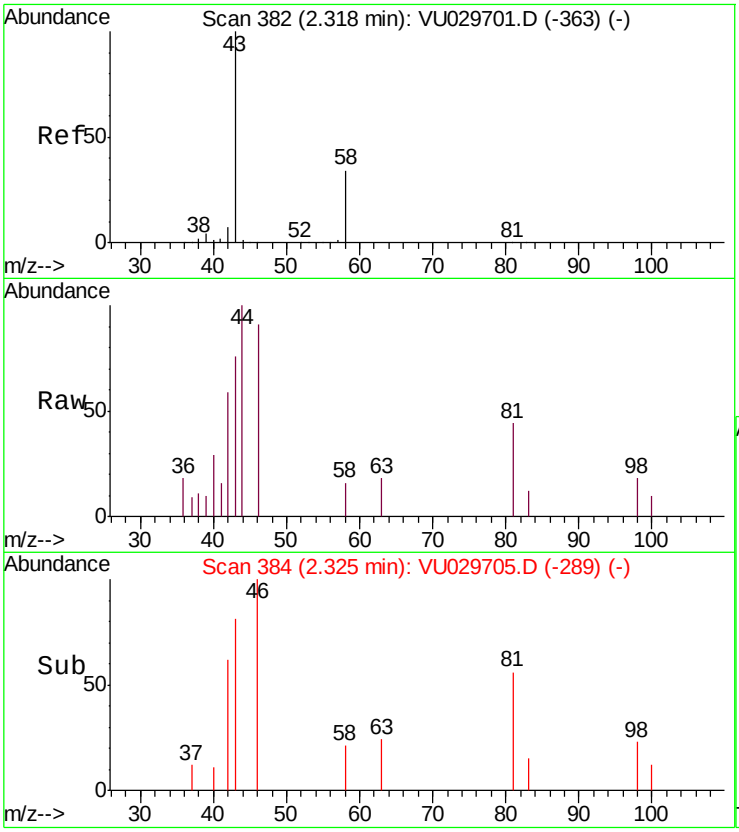


#12
1,1-Dichloroethene
Concen: 0.730 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 96 Resp: 2250

Ion	Ratio	Lower	Upper
96	100		
61	1272.7	114.0	211.8#
63	11086.4	98.7	183.3#

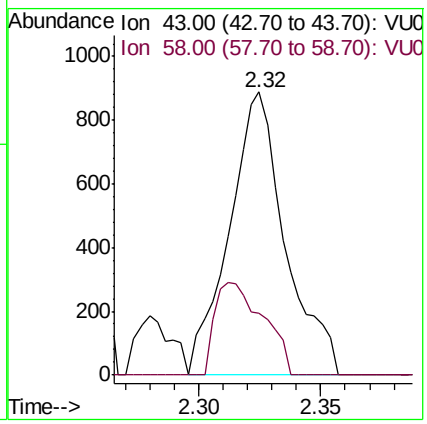


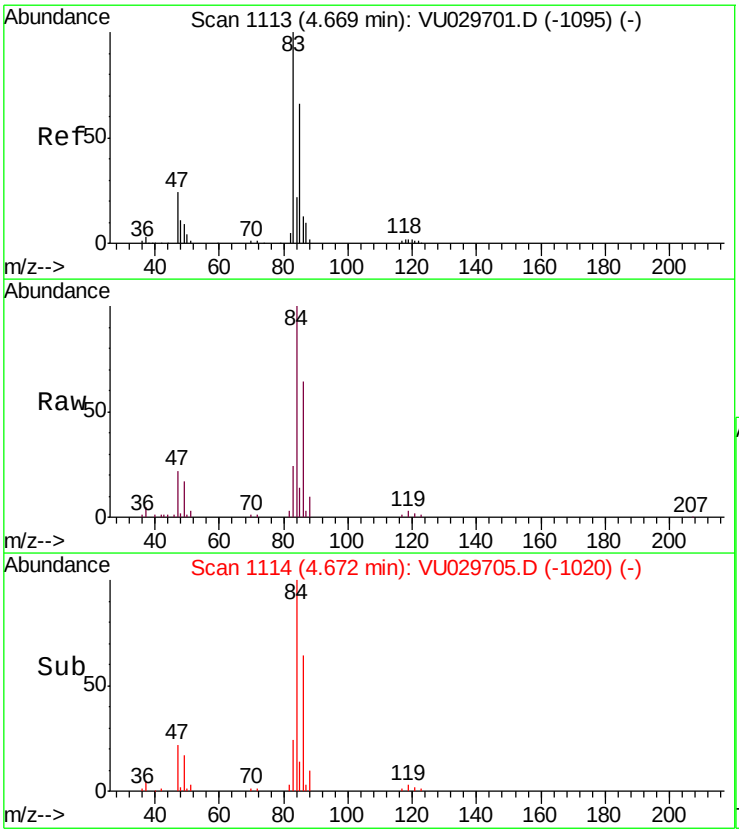


#13
Acetone
Concen: 0.635 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 43 Resp: 1409

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	66.8

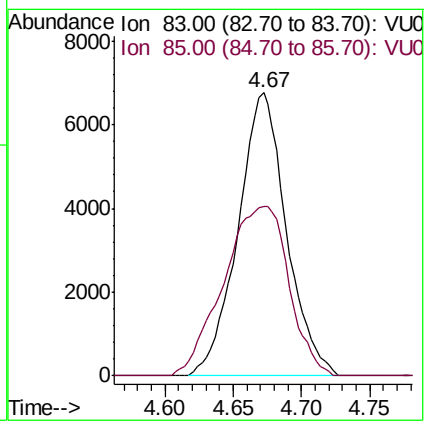


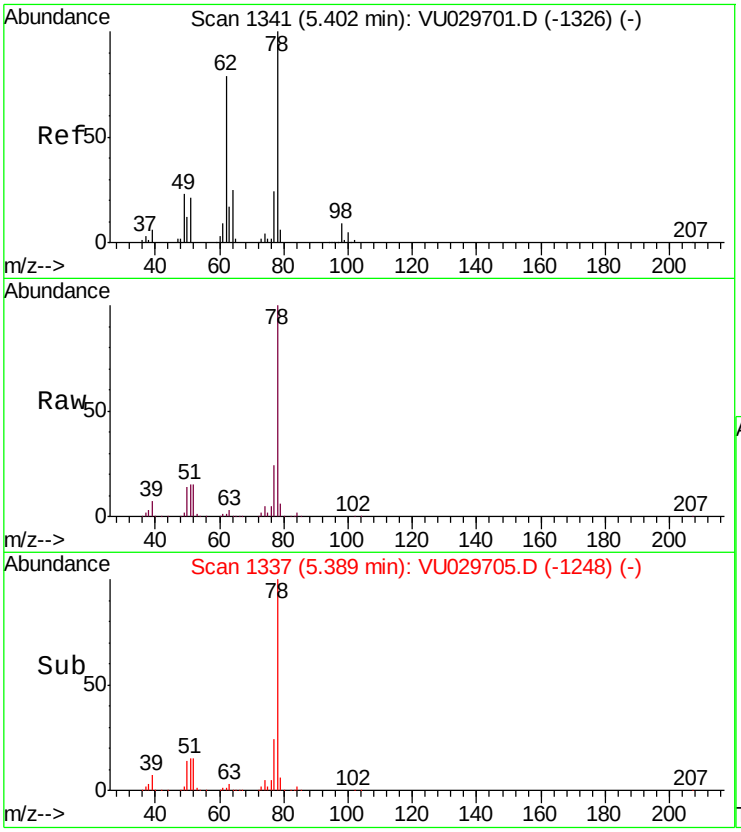


#25
Chloroform
Concen: 3.036 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 83 Resp: 16658

Ion	Ratio	Lower	Upper
83	100		
85	60.1	45.4	84.2

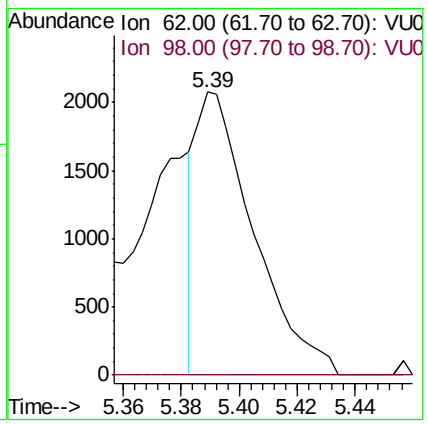


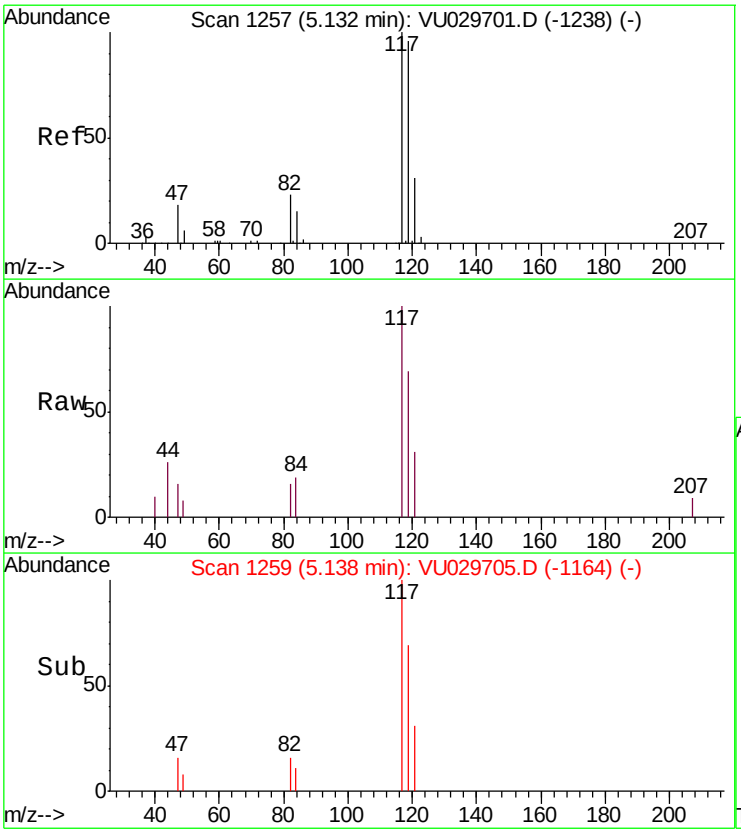


#27
1,2-Dichloroethane
Concen: 0.675 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 62 Resp: 2848

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

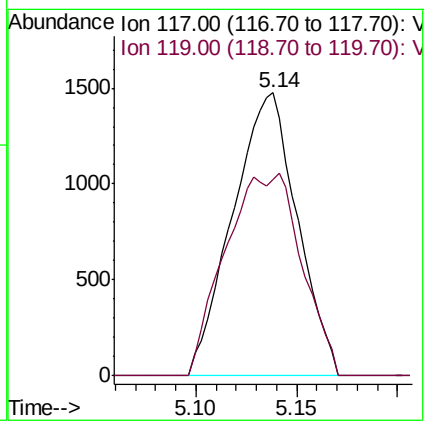


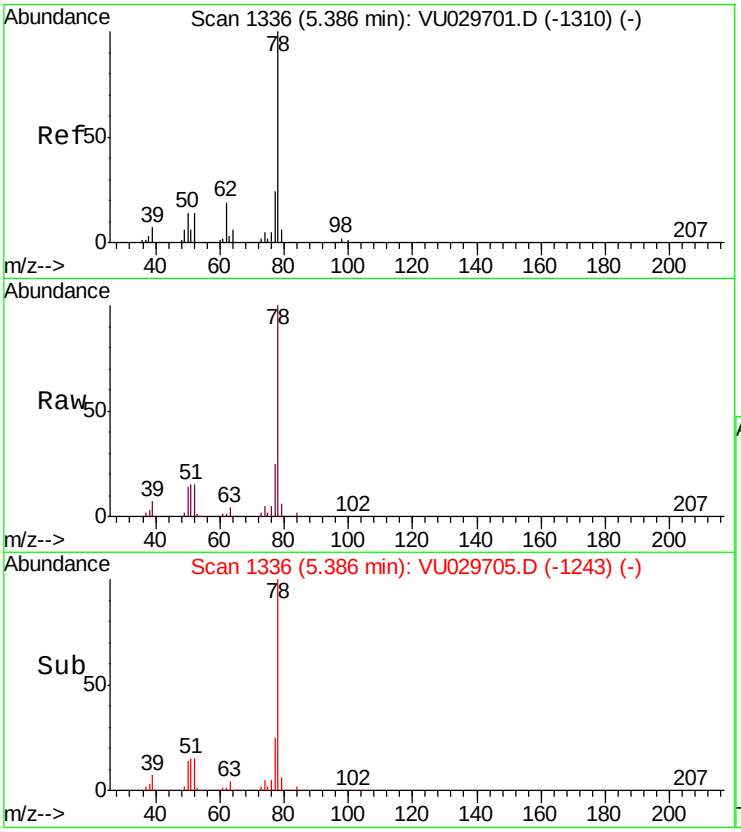


#31
Carbon tetrachloride
Concen: 0.747 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. 0.01 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:117 Resp: 3290

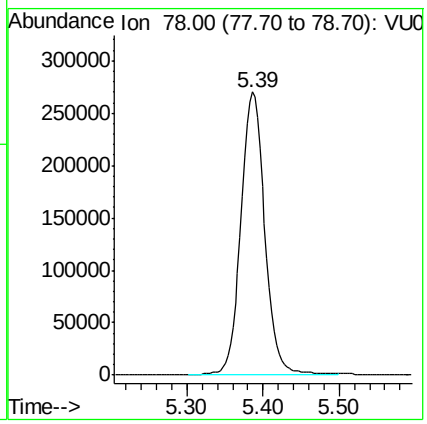
Ion	Ratio	Lower	Upper
117	100		
119	48.2	77.8	116.8#

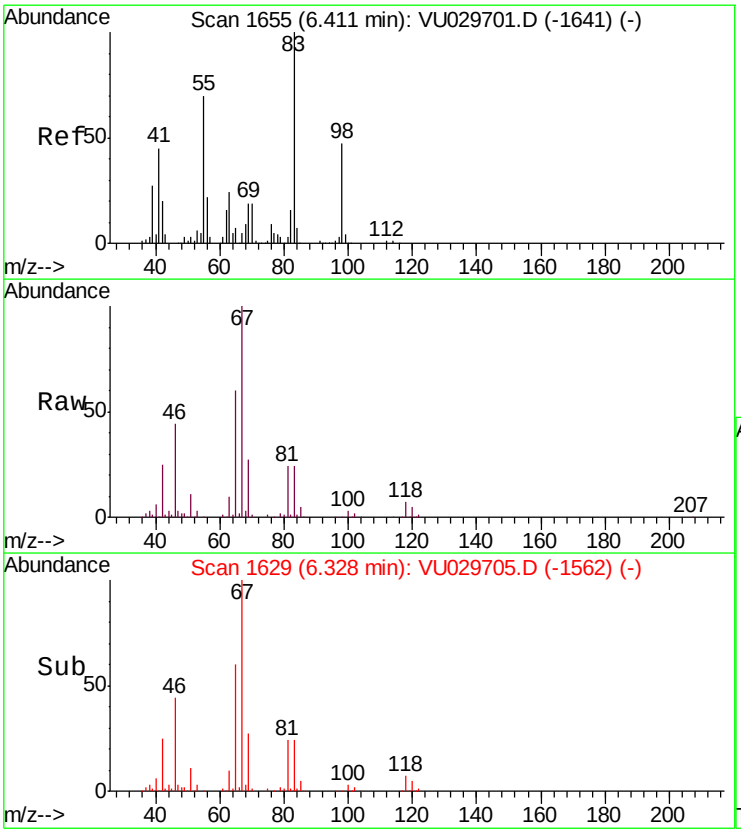




#33
Benzene
Concen: 50.316 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 78 Resp: 592394

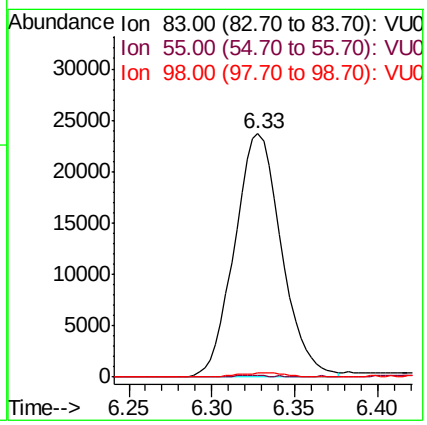


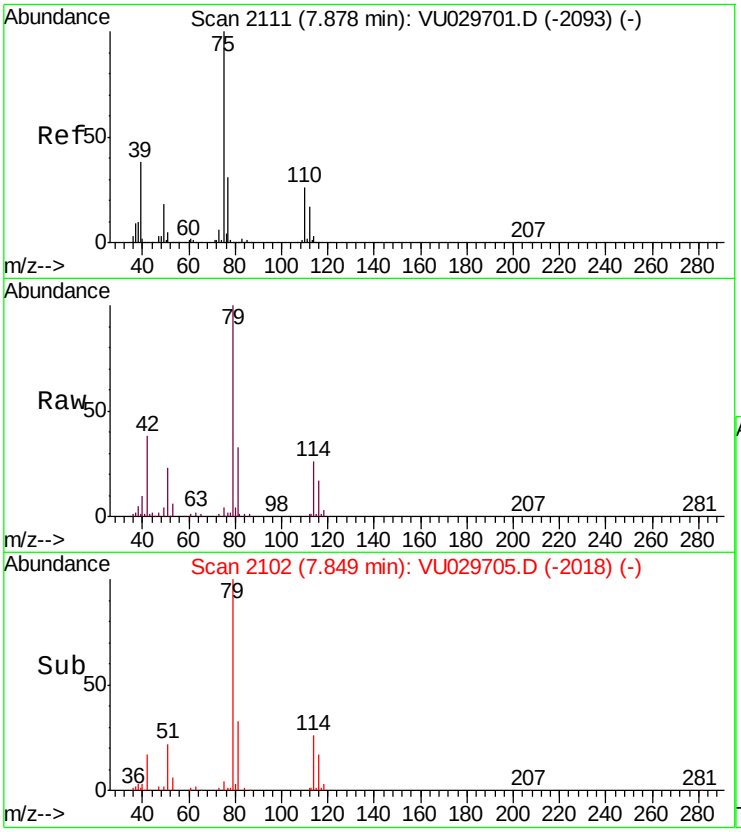


#35
Methylcyclohexane
Concen: 8.860 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 83 Resp: 46665

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.2	82.8#
98	1.7	39.4	59.2#

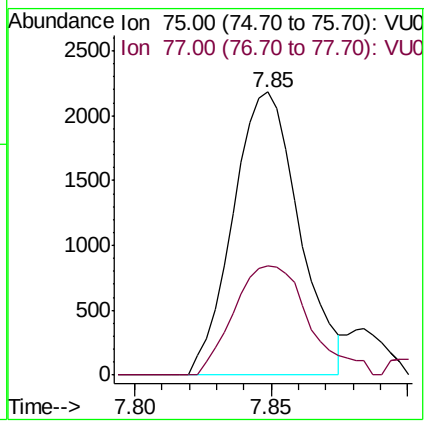


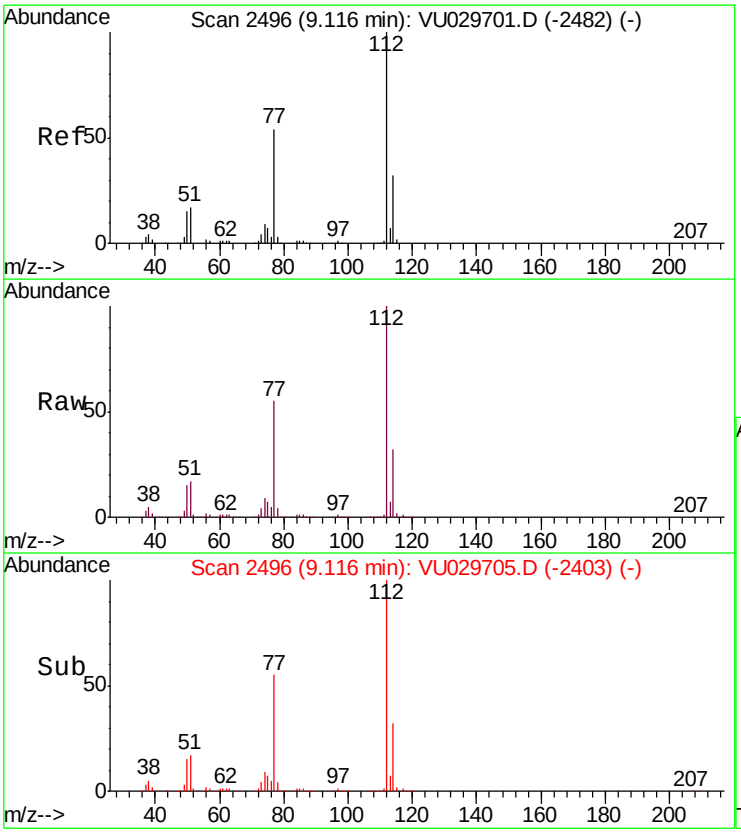


#44
trans-1,3-Dichloropropene
Concen: 0.782 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 75 Resp: 3677

Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.1	41.1

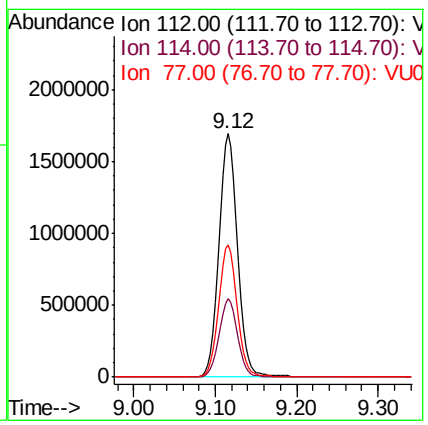


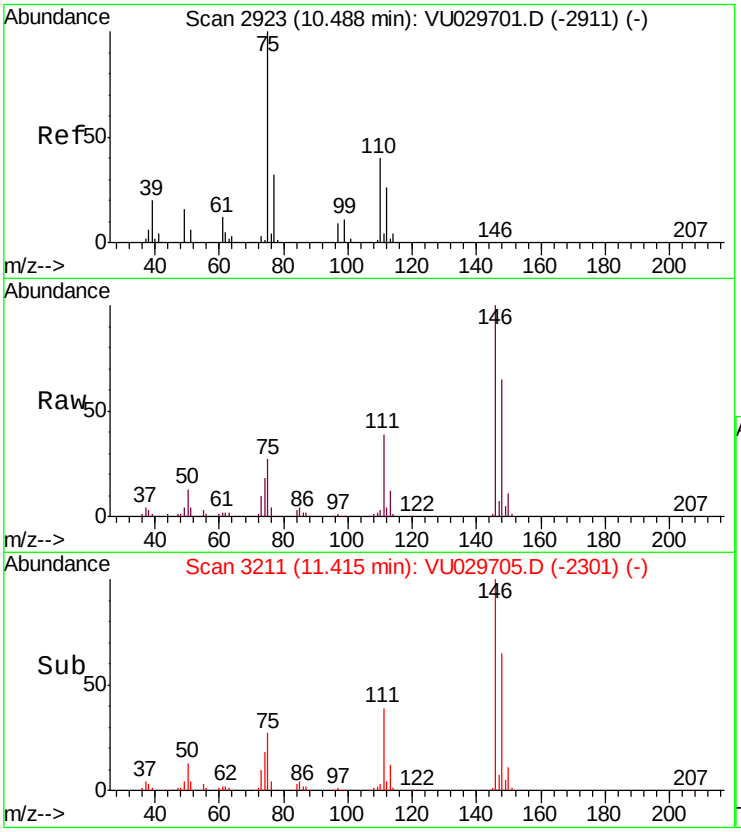


#51
Chlorobenzene
Concen: 287.867 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:112 Resp: 2750901

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.7	42.1
77	54.5	42.1	63.1

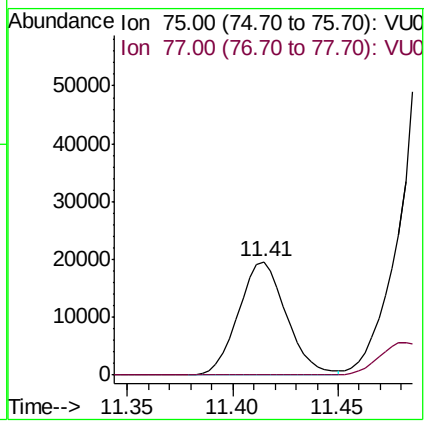


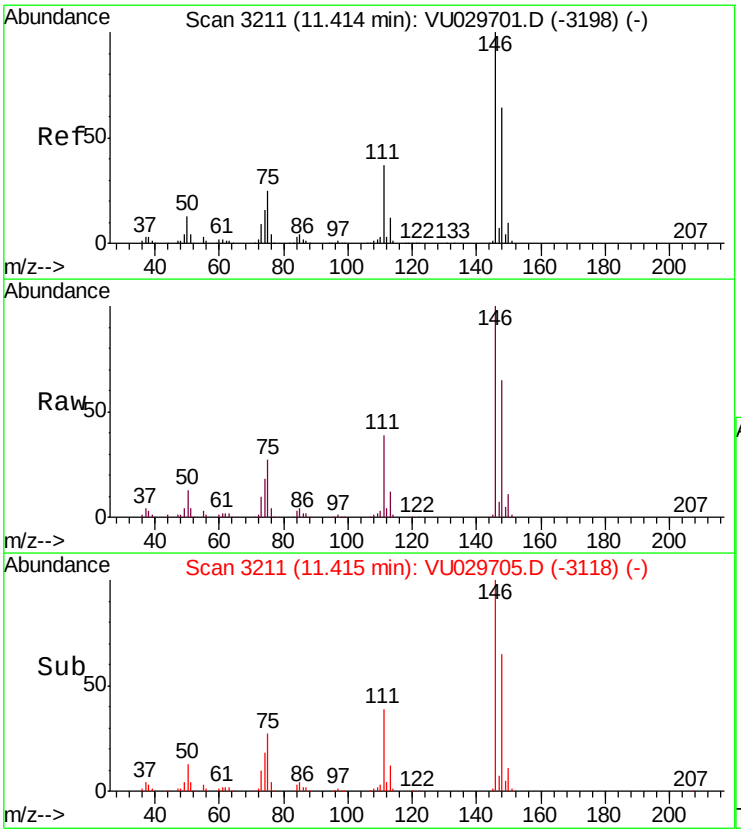


#59
1,2,3-Trichloropropane
Concen: 7.037 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.93 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion: 75 Resp: 31008

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.7	38.5#

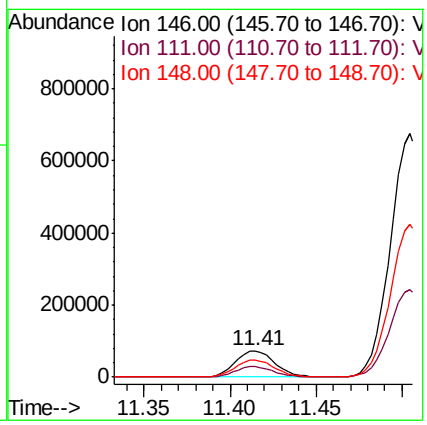


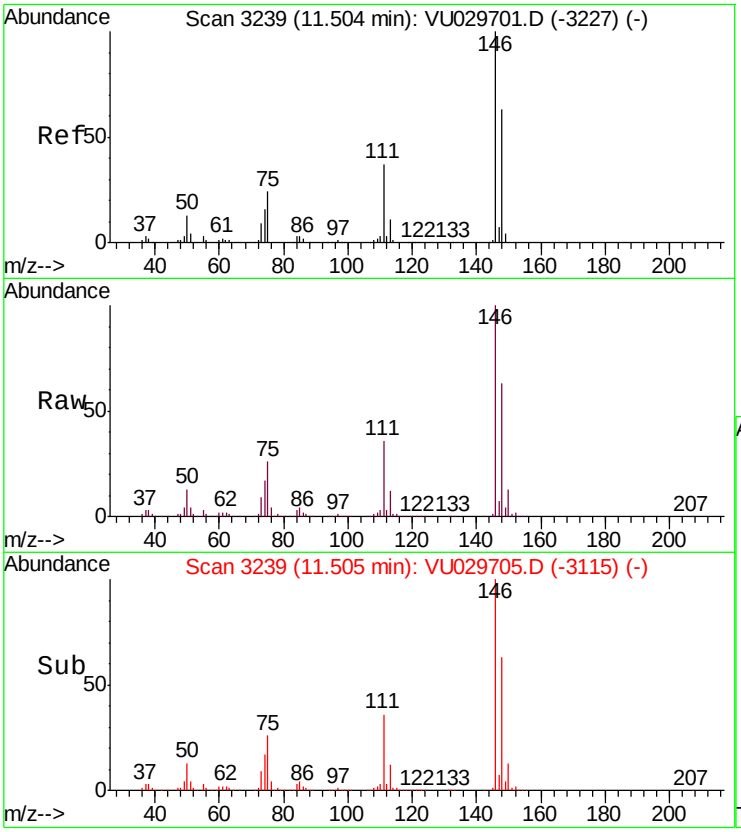


#62
1,3-Dichlorobenzene
Concen: 15.244 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:146 Resp: 117696

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.7	49.5
148	64.7	45.9	85.3

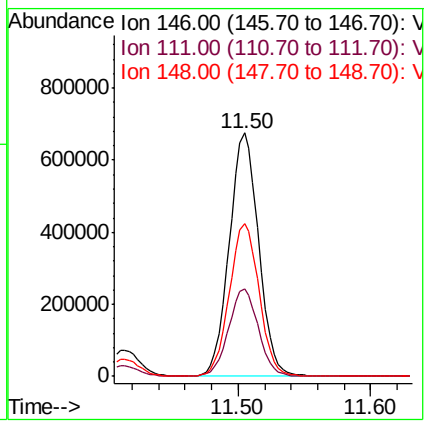


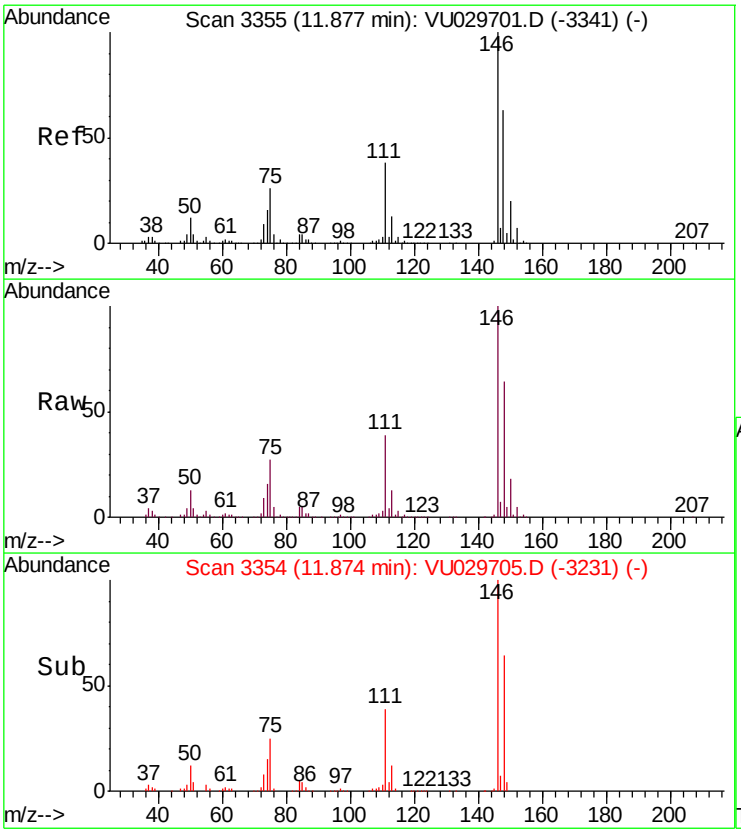


#63
1,4-Dichlorobenzene
Concen: 133.714 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:146 Resp: 1038957

Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.1	46.5
148	62.9	45.0	83.6

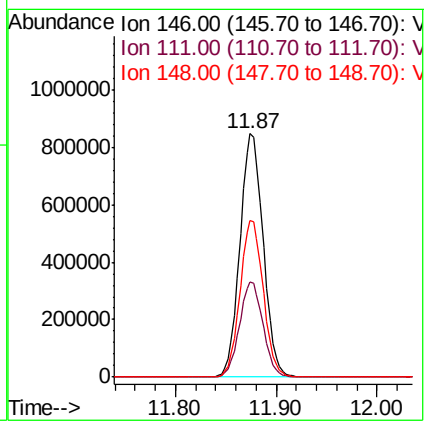


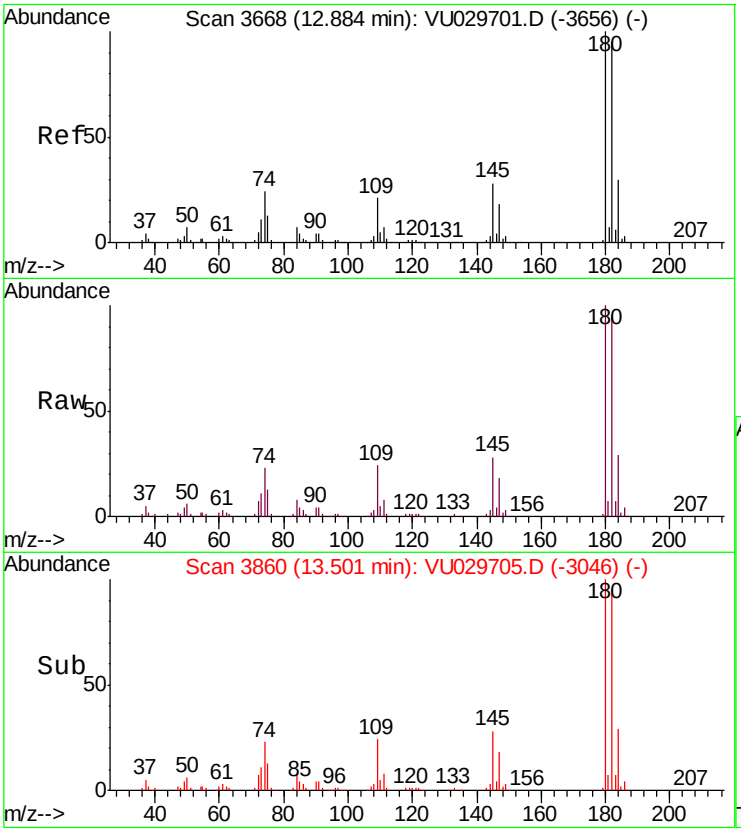


#65
1,2-Dichlorobenzene
Concen: 167.901 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:146 Resp: 1353216

Ion	Ratio	Lower	Upper
146	100		
111	39.3	31.2	46.8
148	64.5	51.6	77.4

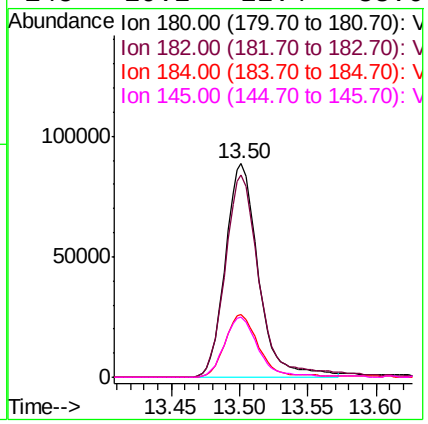


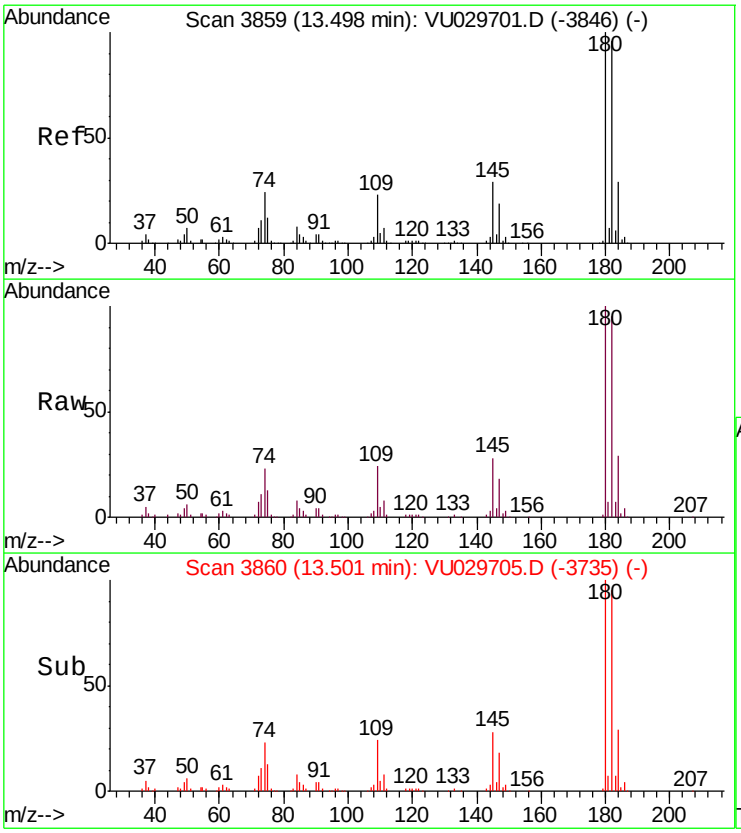


#67
1,3,5-Trichlorobenzene
Concen: 25.482 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:180 Resp: 150138

Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.9	116.9
184	29.2	24.5	36.7
145	29.2	22.4	33.6

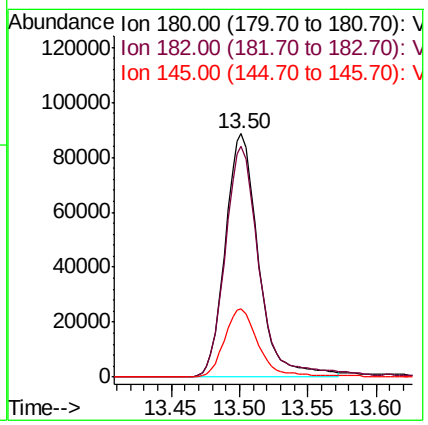


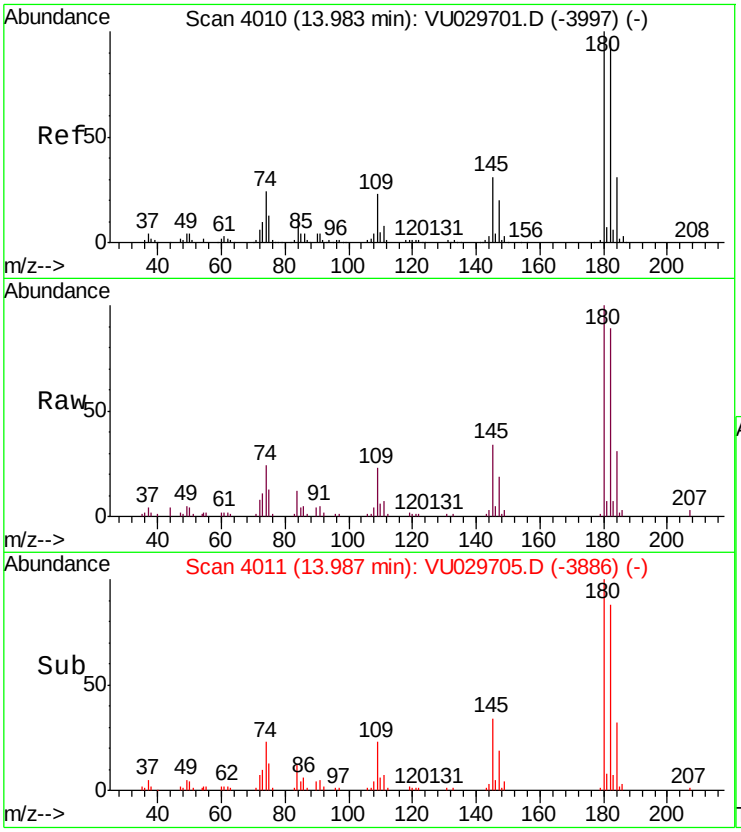


#68
1,2,4-trichlorobenzene
Concen: 29.462 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:180 Resp: 150138

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.2	114.2
145	29.2	22.7	34.1





#70
1,2,3-Trichlorobenzene
Concen: 7.434 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU029705.D
Acq: 27 Feb 2019 15:21

Tgt Ion:180 Resp: 40230

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	30.1	24.4	36.6