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

Quantitation Report (Not Reviewed)

Data File : VU029706.D
Acq On : 27 Feb 2019 15:44
Operator : JC/SP
Sample : K1625-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 28 00:54:10 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	458619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216637	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	154935	46.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.20%			
7) Chloroethane-d5	1.68	69	131319	43.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.90%			
11) 1,1-Dichloroethene-d2	2.27	63	218234	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
21) 2-Butanone-d5	4.17	46	228152	111.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.56%			
24) Chloroform-d	4.64	84	271236	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.52%			
26) 1,2-Dichloroethane-d4	5.31	65	171316	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.28%			
32) Benzene-d6	5.34	84	600379	53.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.02%			
36) 1,2-Dichloropropane-d6	6.33	67	179971	53.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.64%			
41) Toluene-d8	7.56	98	568344	49.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.28%			
43) trans-1,3-Dichloropropene-	7.85	79	84538	47.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.44%			
47) 2-Hexanone-d5	8.31	63	189224	100.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.67%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270360	47.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	231580	49.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.20%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2381	0.745	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1990	0.655	ug/L #	1
13) Acetone	2.32	43	2944	1.347	ug/L	96
25) Chloroform	4.67	83	4837	0.894	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	3500	0.767	ug/L	84
48) 2-Hexanone	8.31	43	19455	5.278	ug/L #	68
51) Chlorobenzene	9.12	112	13448	1.449	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	14669	2.110	ug/L	90
65) 1,2-Dichlorobenzene	11.87	146	14171	1.965	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	4229	0.928	ug/L #	86

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

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

Quantitation Report (Not Reviewed)

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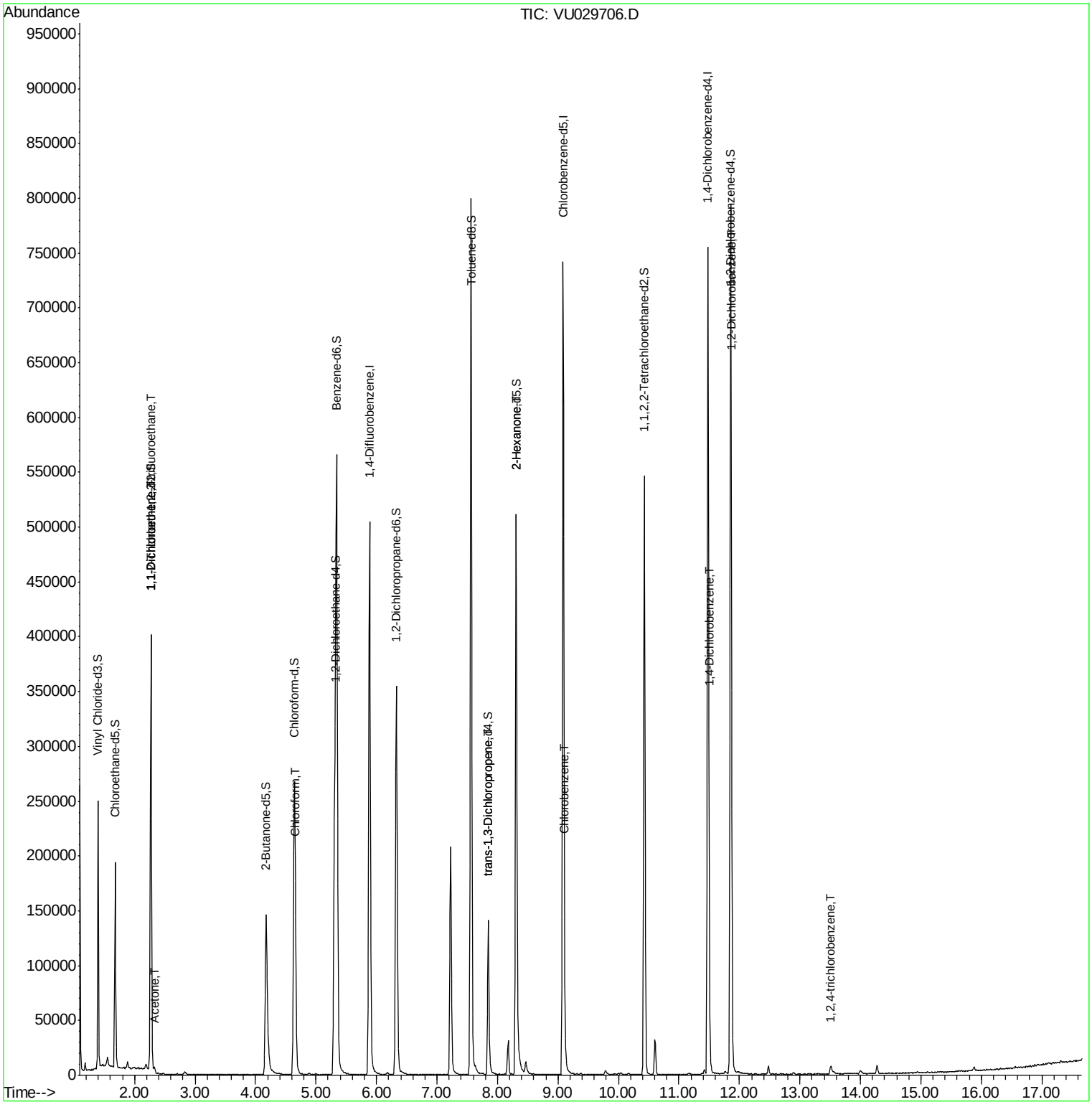
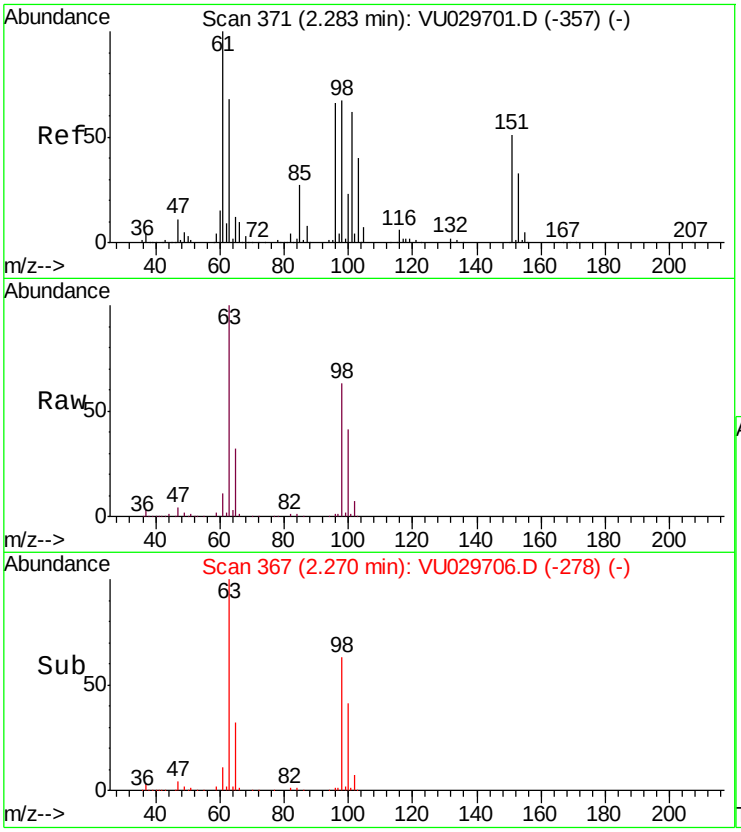
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 28 00:54:10 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

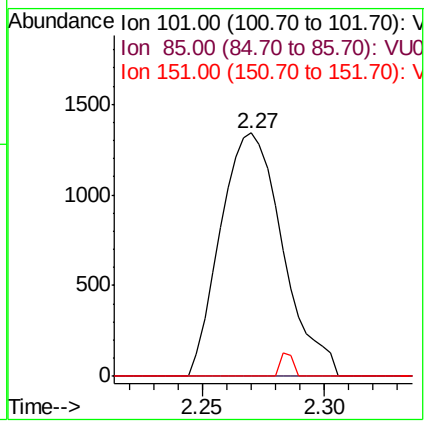


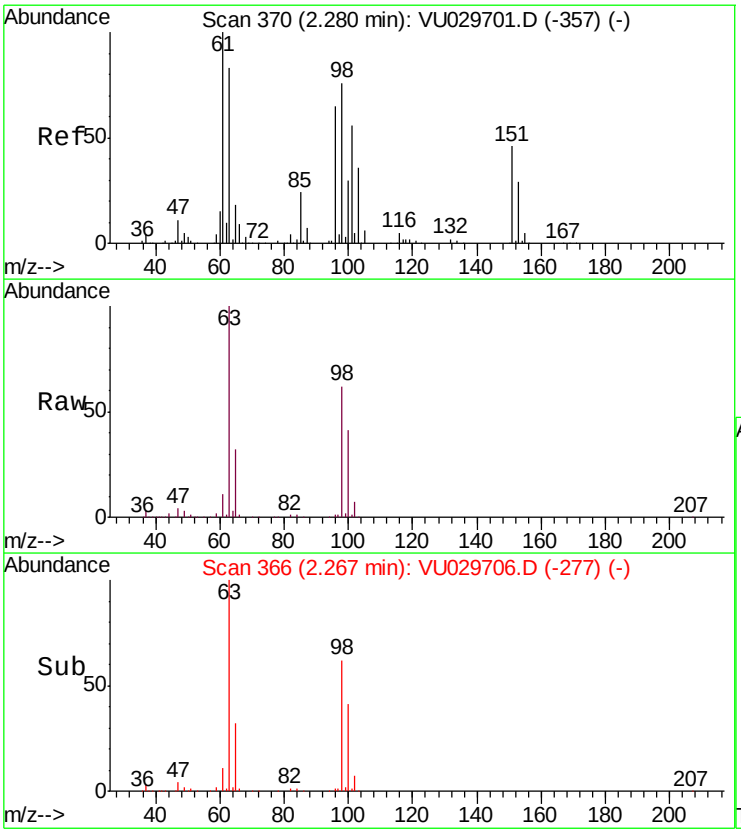


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.745 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion:101 Resp: 2381

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	2.0	65.7	98.5#

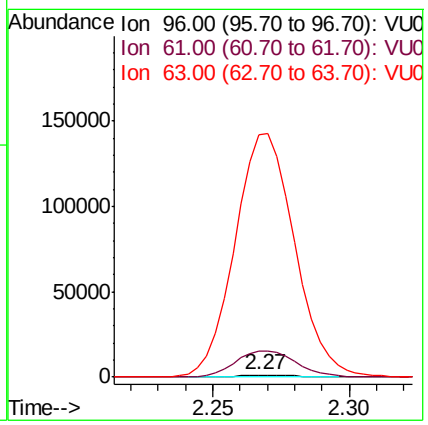


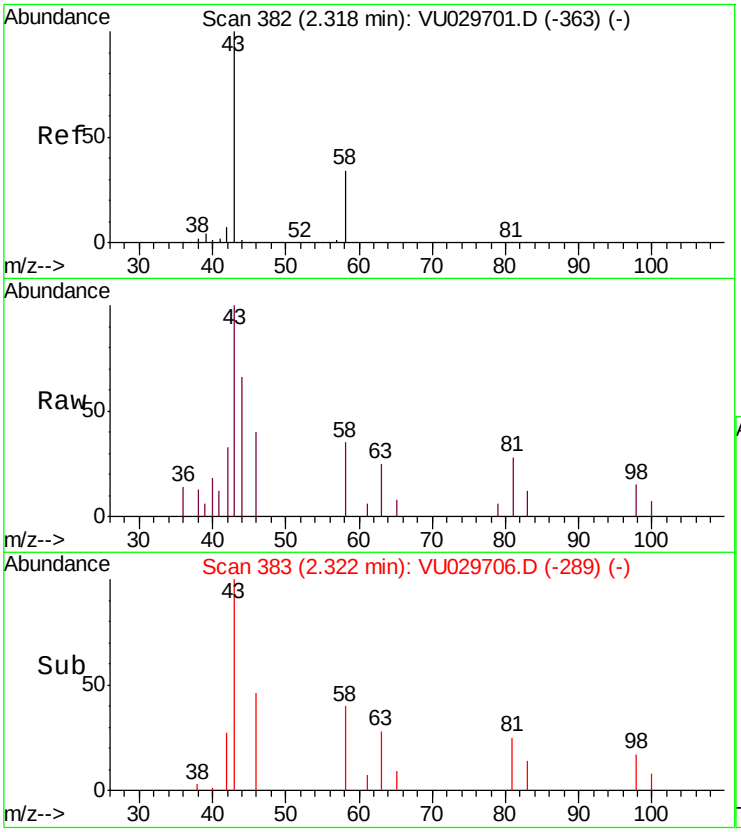


#12
1,1-Dichloroethene
Concen: 0.655 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion: 96 Resp: 1990

Ion	Ratio	Lower	Upper
96	100		
61	1173.5	114.0	211.8#
63	10715.0	98.7	183.3#

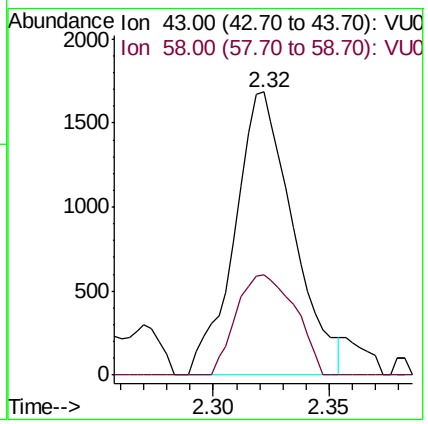


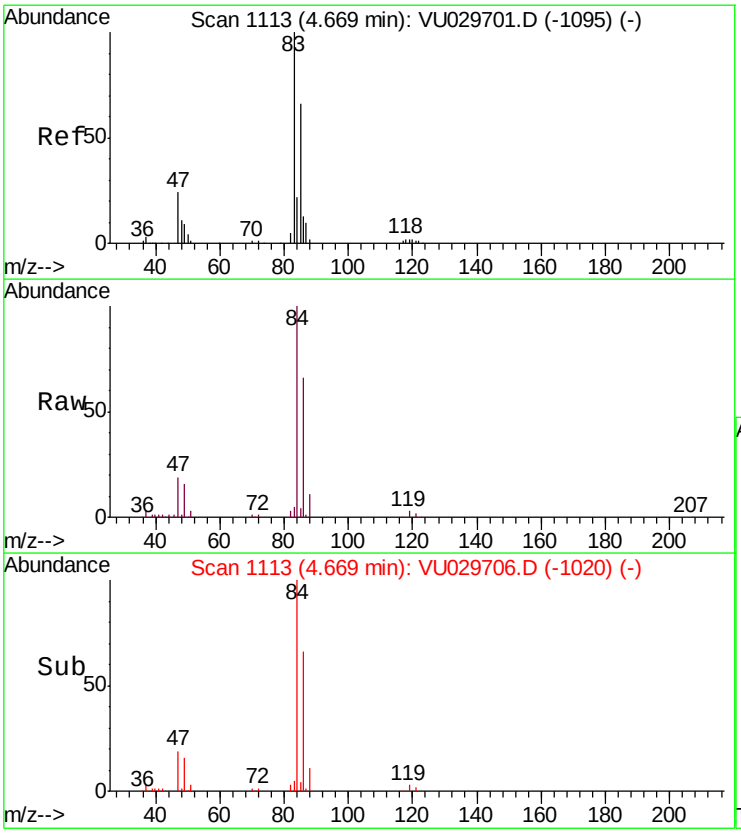


#13
Acetone
Concen: 1.347 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion: 43 Resp: 2944

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	66.8

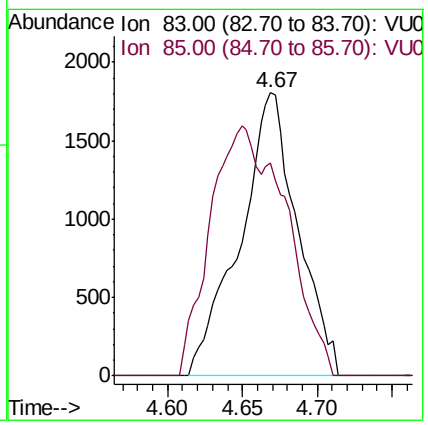


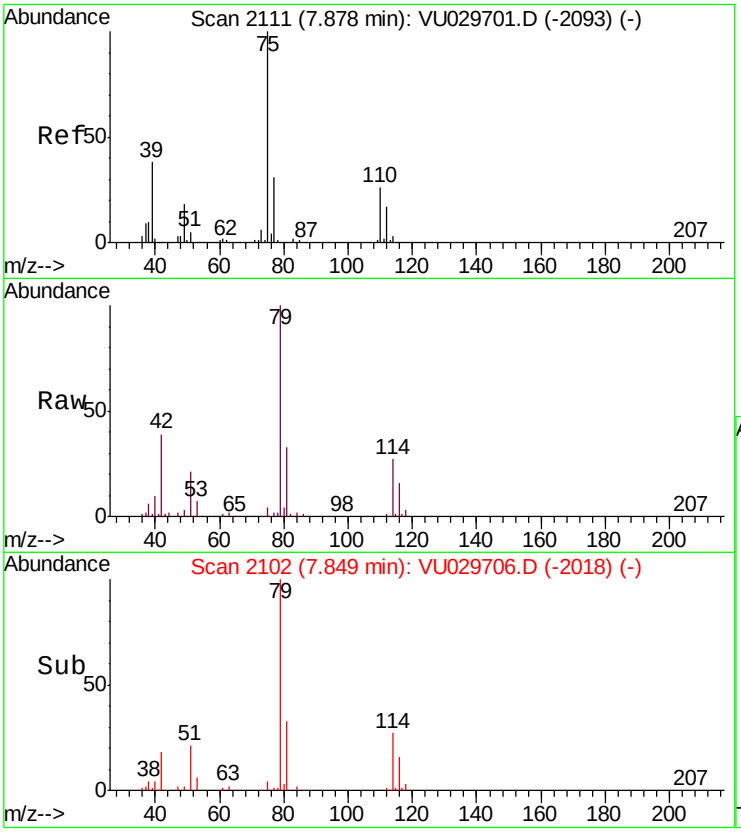


#25
Chloroform
Concen: 0.894 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion: 83 Resp: 4837

Ion	Ratio	Lower	Upper
83	100		
85	75.2	45.4	84.2

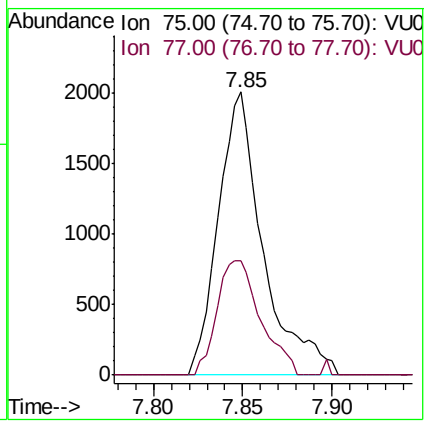


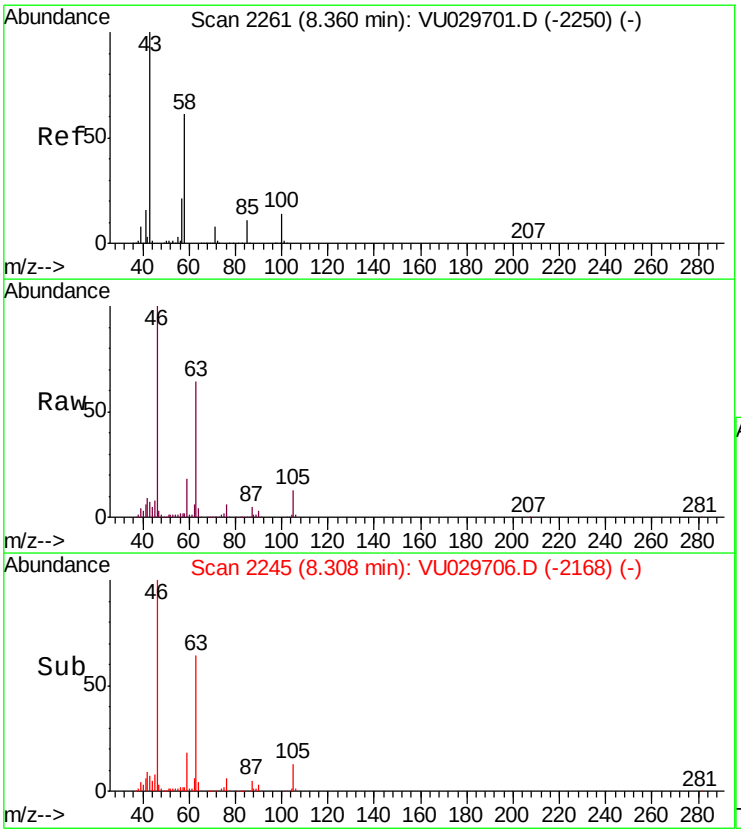


#44
trans-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion: 75 Resp: 3500

Ion	Ratio	Lower	Upper
75	100		
77	40.2	22.1	41.1

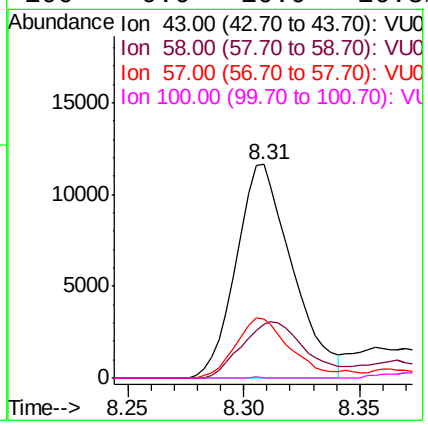


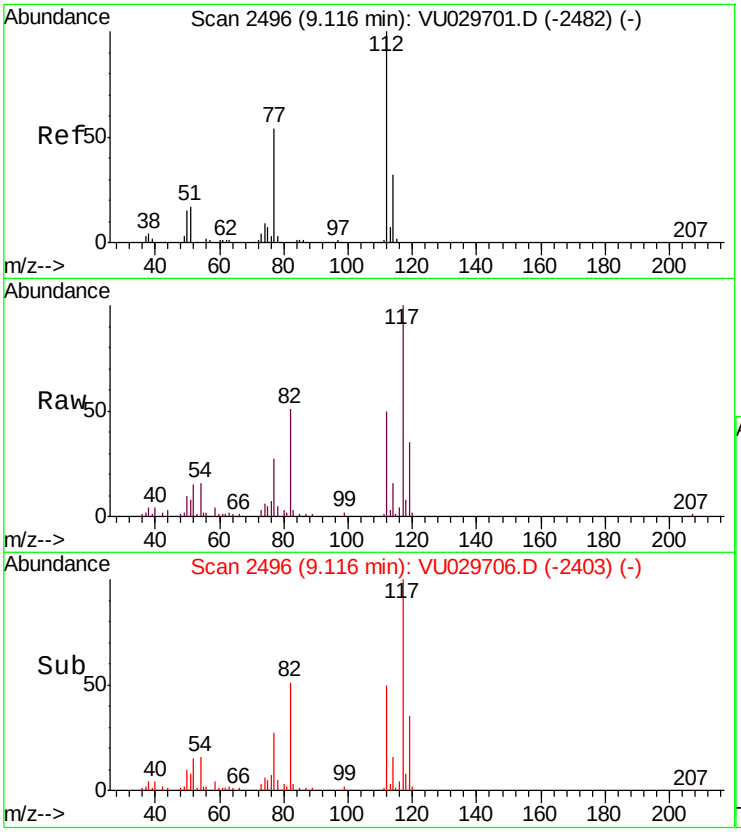


#48
2-Hexanone
Concen: 5.278 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion: 43 Resp: 19455

Ion	Ratio	Lower	Upper
43	100		
58	30.2	46.4	69.6#
57	27.1	15.7	23.5#
100	0.0	10.9	16.3#

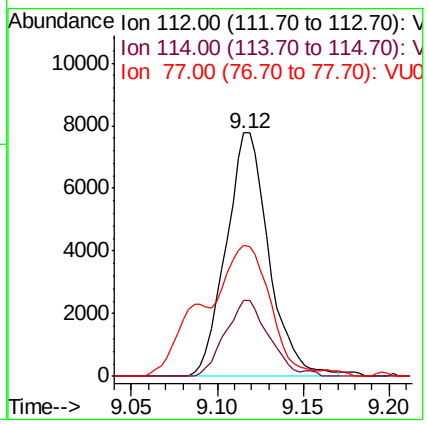


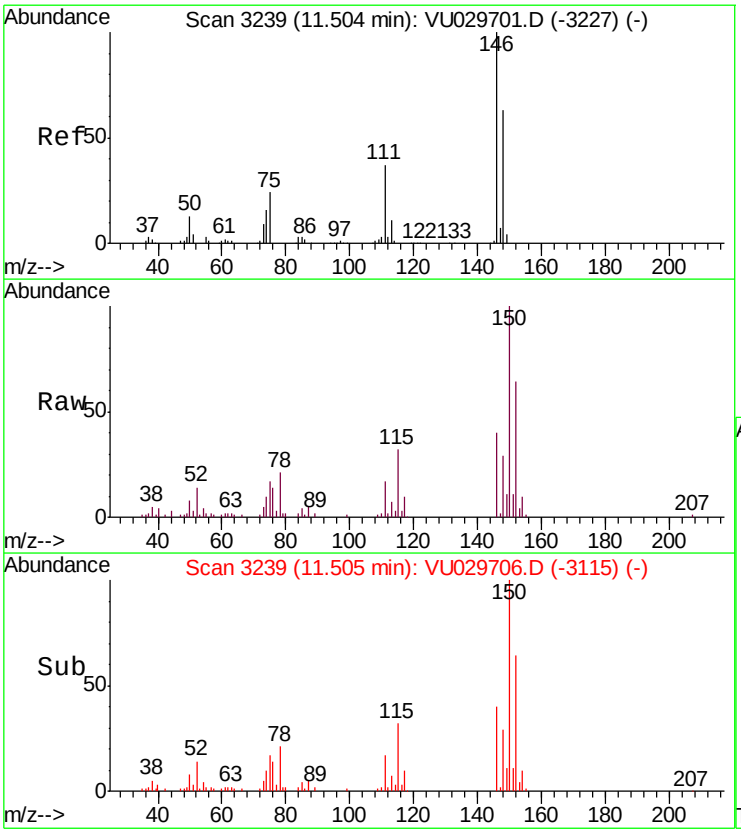


#51
Chlorobenzene
Concen: 1.449 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion:112 Resp: 13448

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.1
77	53.6	42.1	63.1

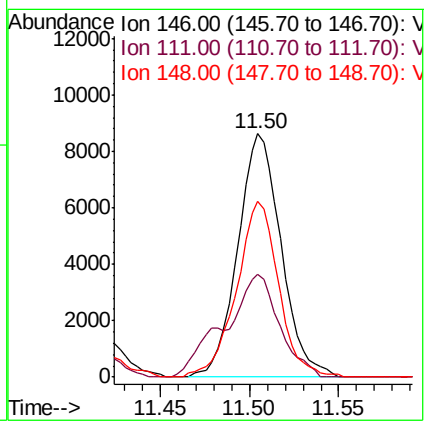


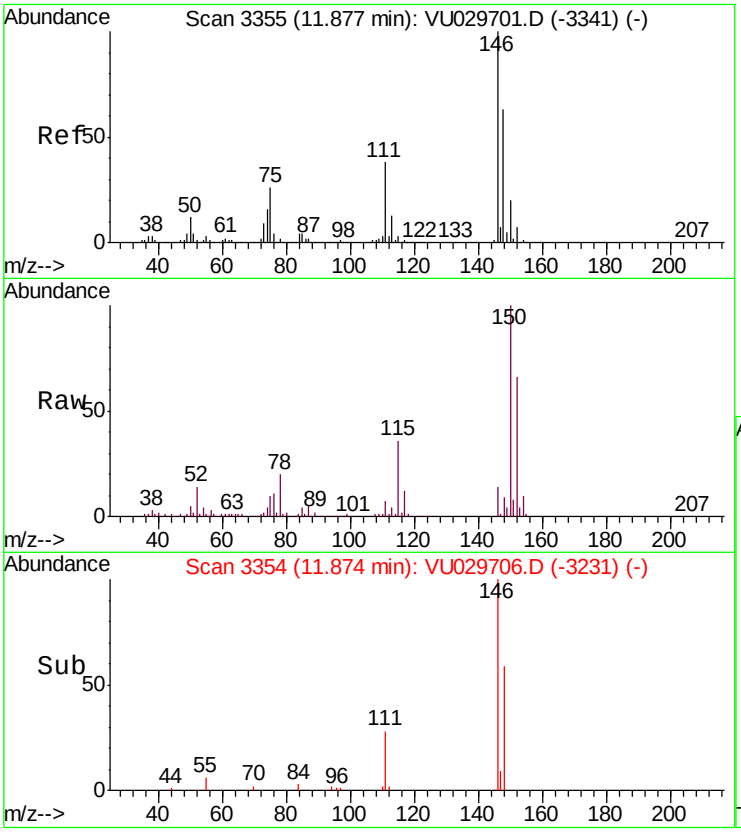


#63
1,4-Dichlorobenzene
Concen: 2.110 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion:146 Resp: 14669

Ion	Ratio	Lower	Upper
146	100		
111	42.3	25.1	46.5
148	72.1	45.0	83.6

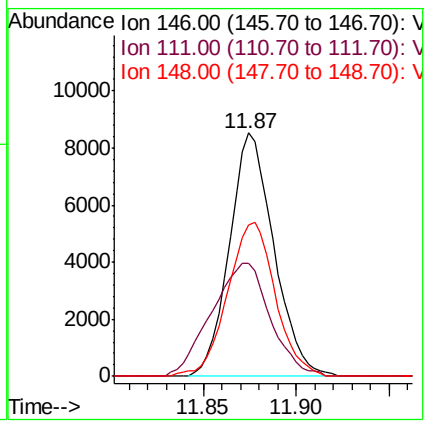


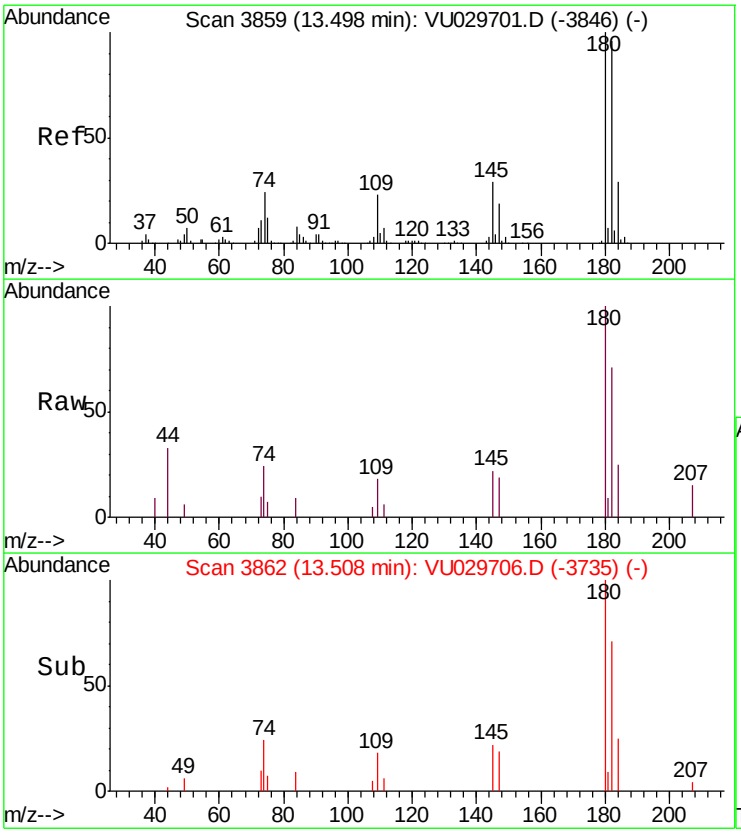


#65
1,2-Dichlorobenzene
Concen: 1.965 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion:146 Resp: 14171

Ion	Ratio	Lower	Upper
146	100		
111	46.7	31.2	46.8
148	62.1	51.6	77.4





#68
1,2,4-trichlorobenzene
Concen: 0.928 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU029706.D
Acq: 27 Feb 2019 15:44

Tgt Ion:180 Resp: 4229

Ion	Ratio	Lower	Upper
180	100		
182	87.0	76.2	114.2
145	10.7	22.7	34.1#