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

Quantitation Report (Not Reviewed)

Data File : VU029689.D
Acq On : 26 Feb 2019 18:06
Operator : JC/SP
Sample : K1621-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 27 01:57:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	455759	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211760	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	140687	42.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.26%			
7) Chloroethane-d5	1.68	69	131149	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.34%			
11) 1,1-Dichloroethene-d2	2.27	63	204925	31.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.78%			
21) 2-Butanone-d5	4.17	46	212134	104.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.38%			
24) Chloroform-d	4.65	84	247767	45.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.48%			
26) 1,2-Dichloroethane-d4	5.31	65	177575	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.56%			
32) Benzene-d6	5.34	84	606566	55.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.82%			
36) 1,2-Dichloropropane-d6	6.33	67	187658	56.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.96%			
41) Toluene-d8	7.56	98	562200	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			
43) trans-1,3-Dichloropropene-	7.85	79	83697	47.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.82%			
47) 2-Hexanone-d5	8.31	63	169383	92.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.36%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281410	50.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	234629	51.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.82%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2200	0.693	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1858	0.616	ug/L #	1
13) Acetone	2.32	43	3568	1.643	ug/L	88
25) Chloroform	4.67	83	34410	6.403	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3249	0.730	ug/L #	70
48) 2-Hexanone	8.31	43	17203	4.783	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	20990	5.028	ug/L	91

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

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QLast Update : Wed Feb 27 01:53:00 2019
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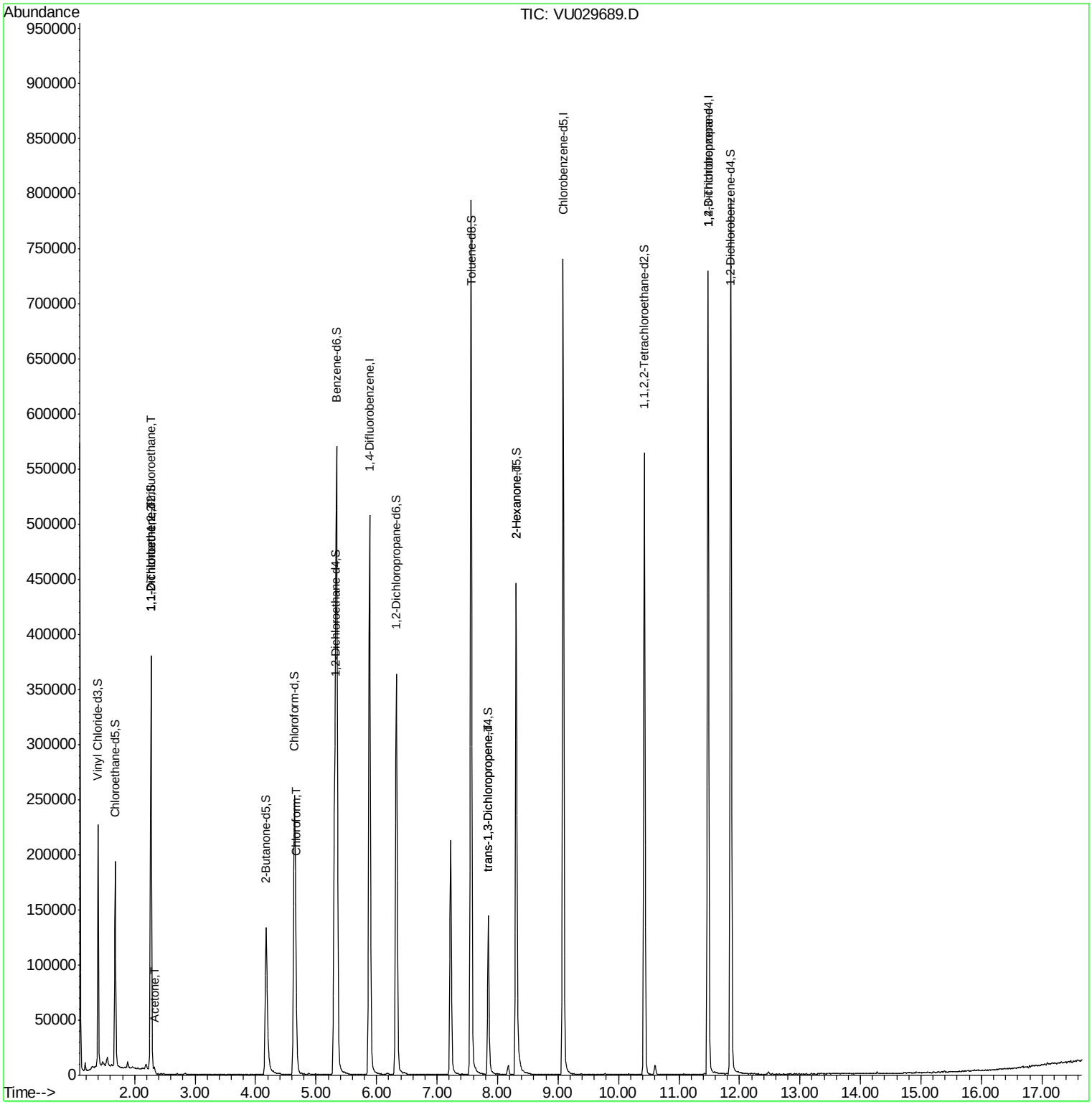
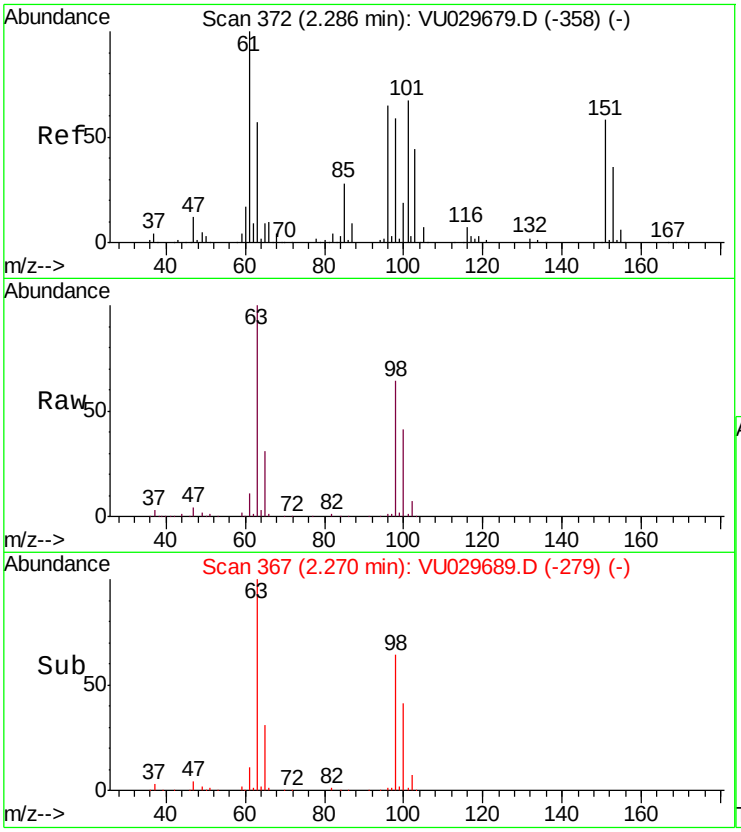
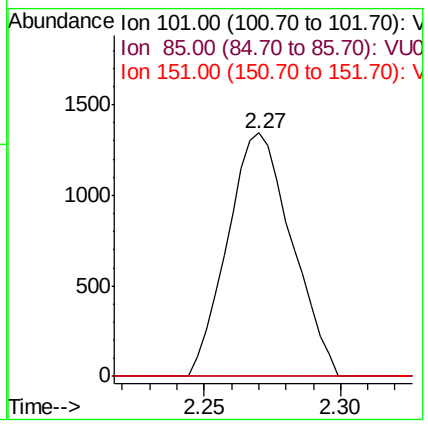


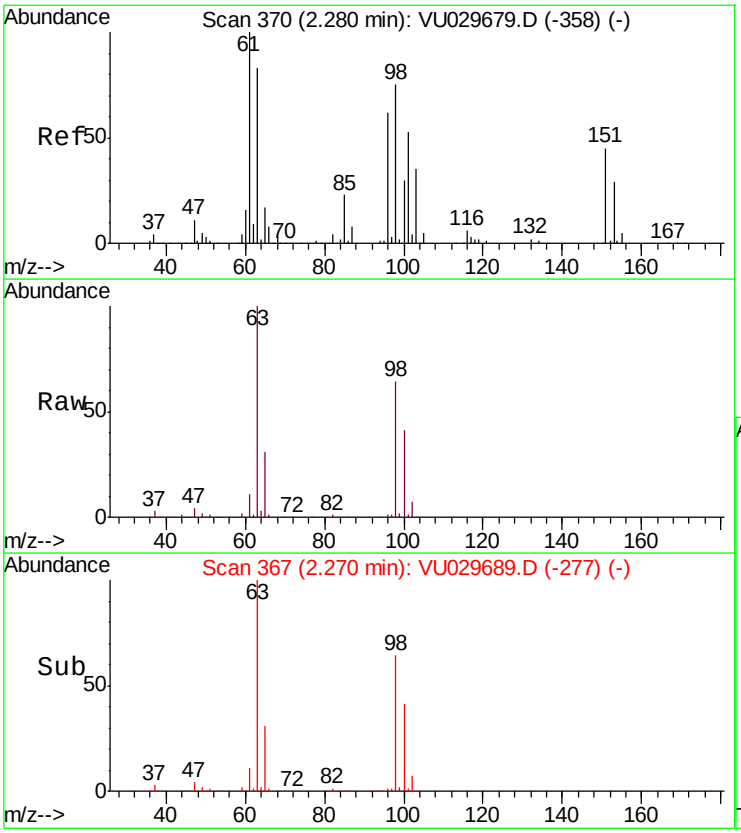


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.693 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion:101 Resp: 2200

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

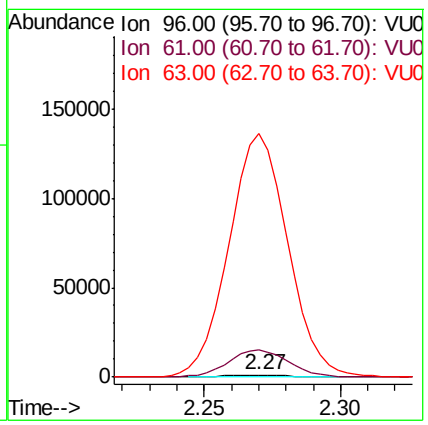


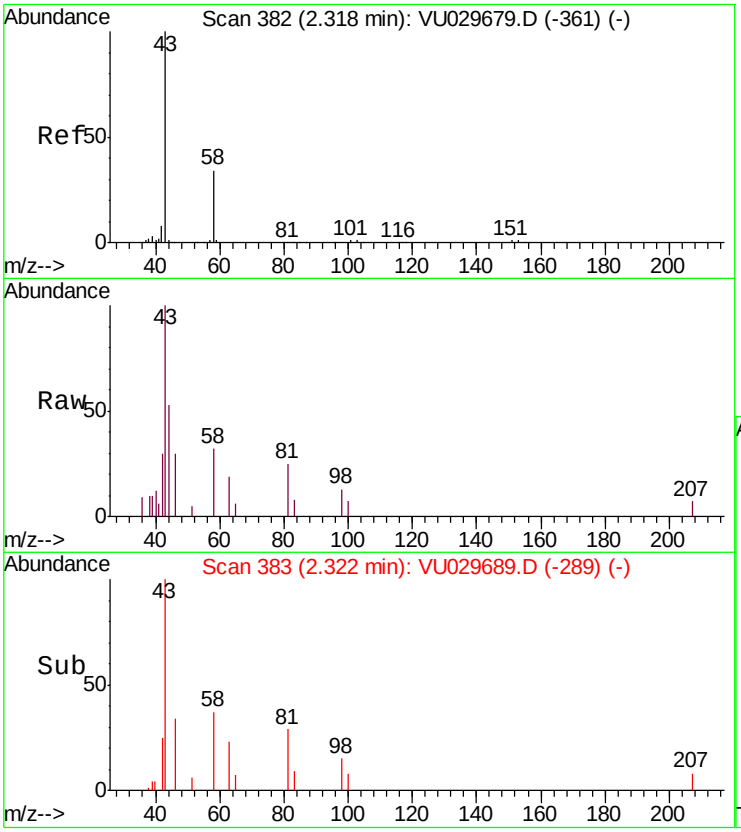


#12
1,1-Dichloroethene
Concen: 0.616 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 96 Resp: 1858

Ion	Ratio	Lower	Upper
96	100		
61	1489.1	114.0	211.8#
63	13511.1	98.7	183.3#

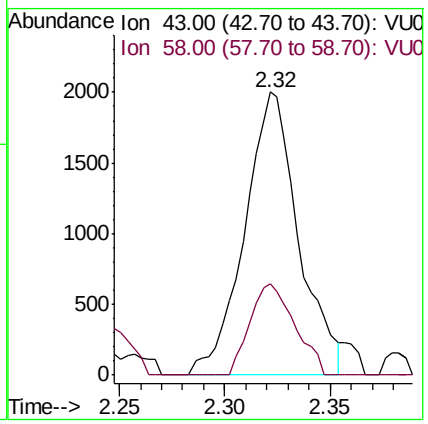


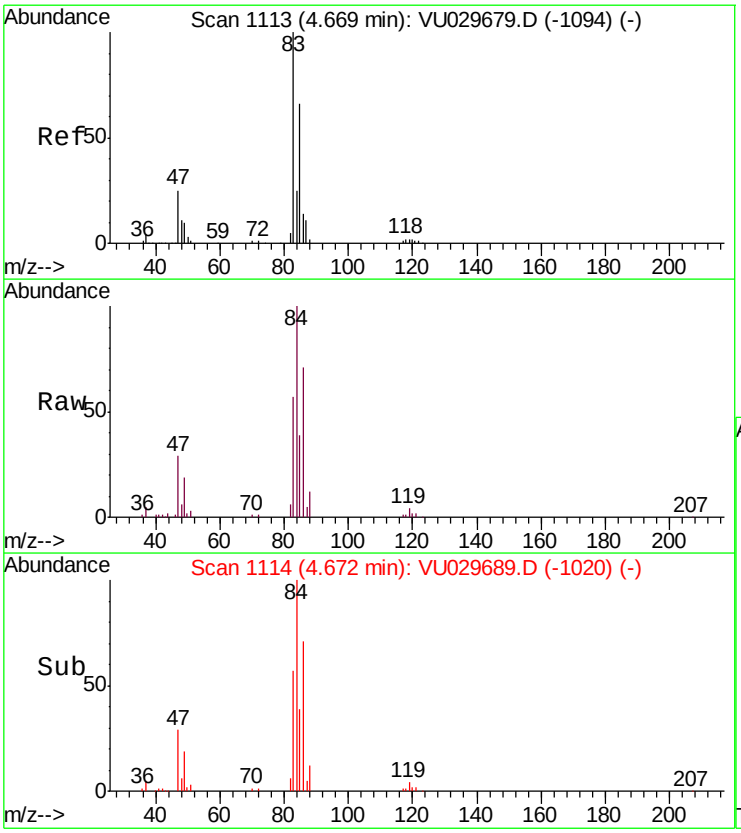


#13
Acetone
Concen: 1.643 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 43 Resp: 3568

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	66.8

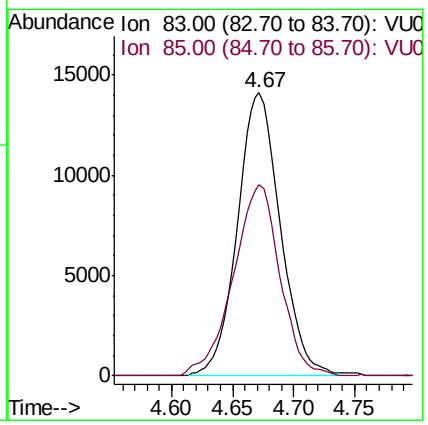


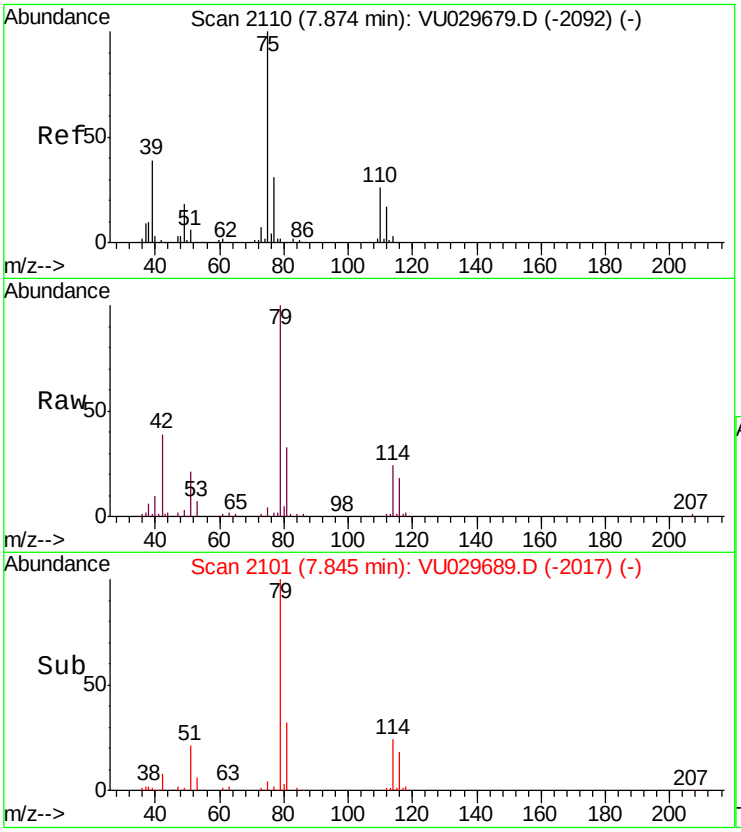


#25
Chloroform
Concen: 6.403 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 83 Resp: 34410

Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.4	84.2

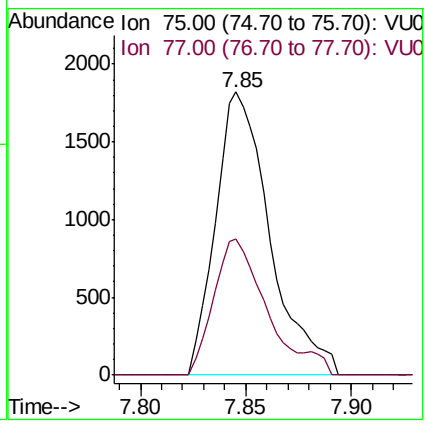


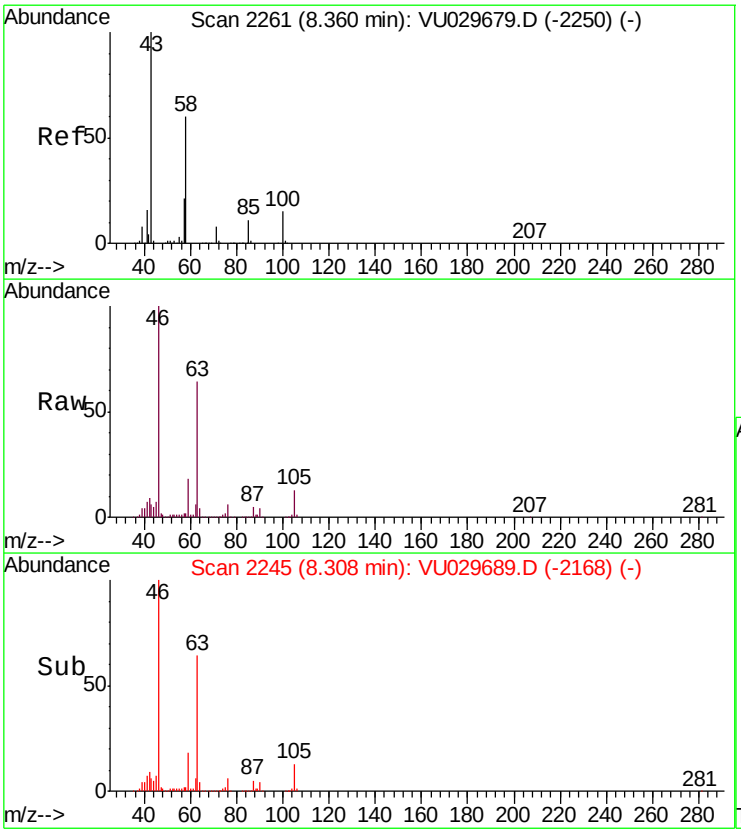


#44
trans-1,3-Dichloropropene
Concen: 0.730 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 75 Resp: 3249

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.1	41.1#

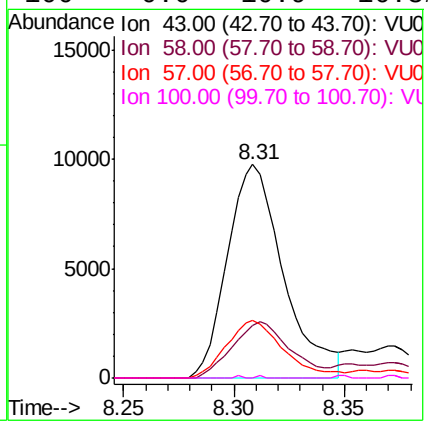


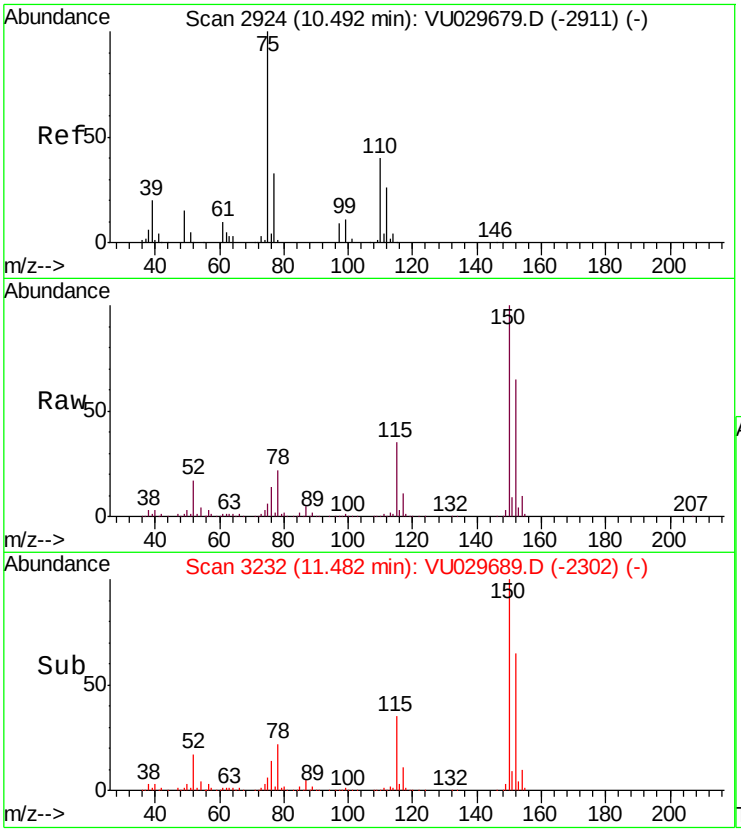


#48
2-Hexanone
Concen: 4.783 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 43 Resp: 17203

Ion	Ratio	Lower	Upper
43	100		
58	26.9	46.4	69.6#
57	27.7	15.7	23.5#
100	0.0	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.028 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029689.D
Acq: 26 Feb 2019 18:06

Tgt Ion: 75 Resp: 20990

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.7	38.5