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

Quantitation Report (Not Reviewed)

Data File : VU029718.D
Acq On : 27 Feb 2019 20:46
Operator : JC/SP
Sample : K1625-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Feb 28 00:56:12 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	432125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	419129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198035	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	145299	45.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.78%			
7) Chloroethane-d5	1.68	69	125769	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.36%			
11) 1,1-Dichloroethene-d2	2.27	63	213351	34.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.94%			
21) 2-Butanone-d5	4.17	46	263164	136.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 136.57%#			
24) Chloroform-d	4.64	84	269828	52.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.08%			
26) 1,2-Dichloroethane-d4	5.31	65	170776	52.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.04%			
32) Benzene-d6	5.34	84	582989	55.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.56%			
36) 1,2-Dichloropropane-d6	6.33	67	180539	56.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.80%			
41) Toluene-d8	7.56	98	544528	50.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.18%			
43) trans-1,3-Dichloropropene-	7.85	79	82291	48.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.78%			
47) 2-Hexanone-d5	8.31	63	237406	134.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 134.36%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282775	52.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	223707	52.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.84%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2469	0.820	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1832	0.640	ug/L #	1
13) Acetone	2.32	43	3339	1.622	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4736	1.041	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	3432	0.800	ug/L	87
48) 2-Hexanone	8.31	43	24221	6.990	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	20069	4.990	ug/L	91

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

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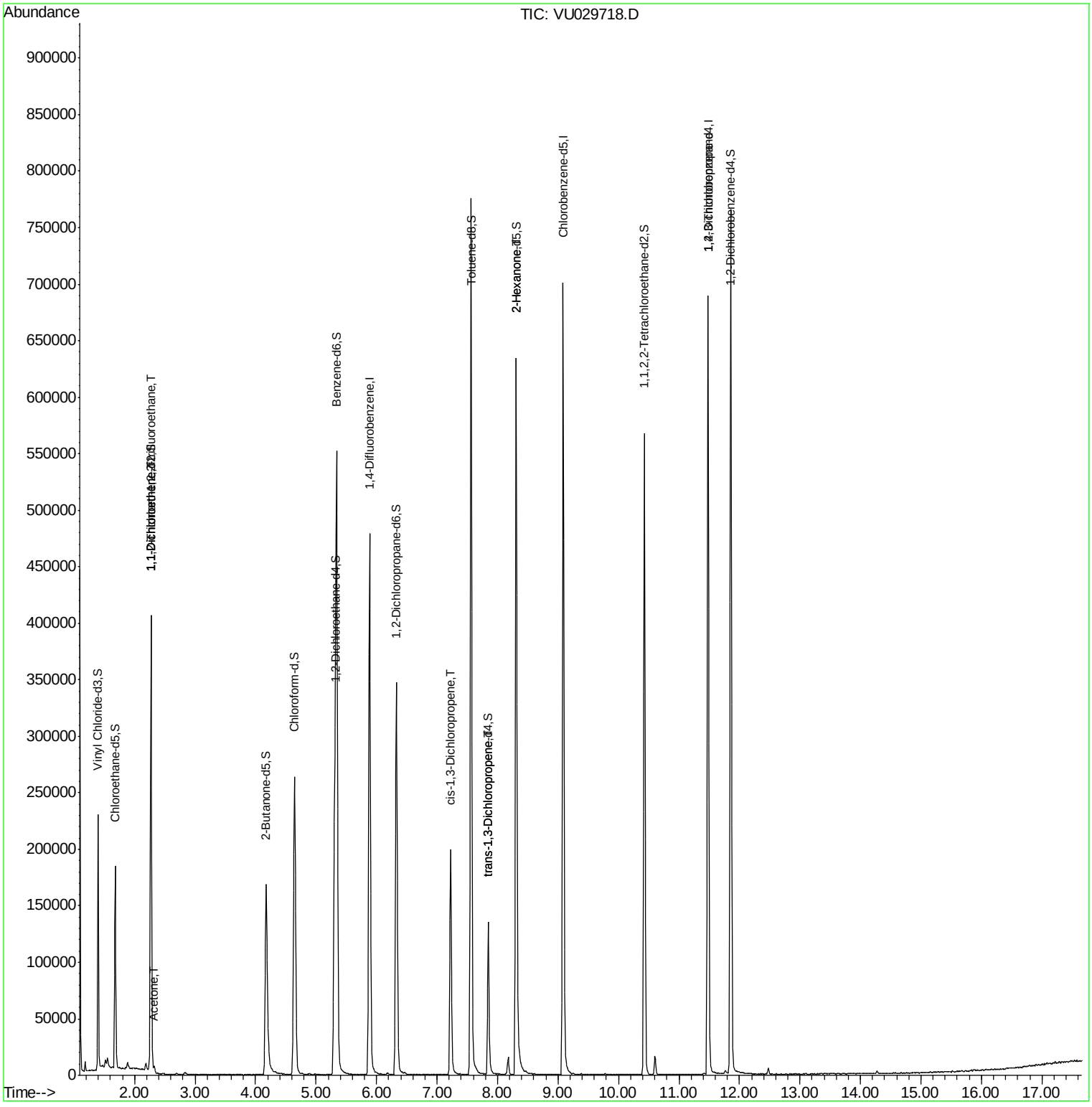
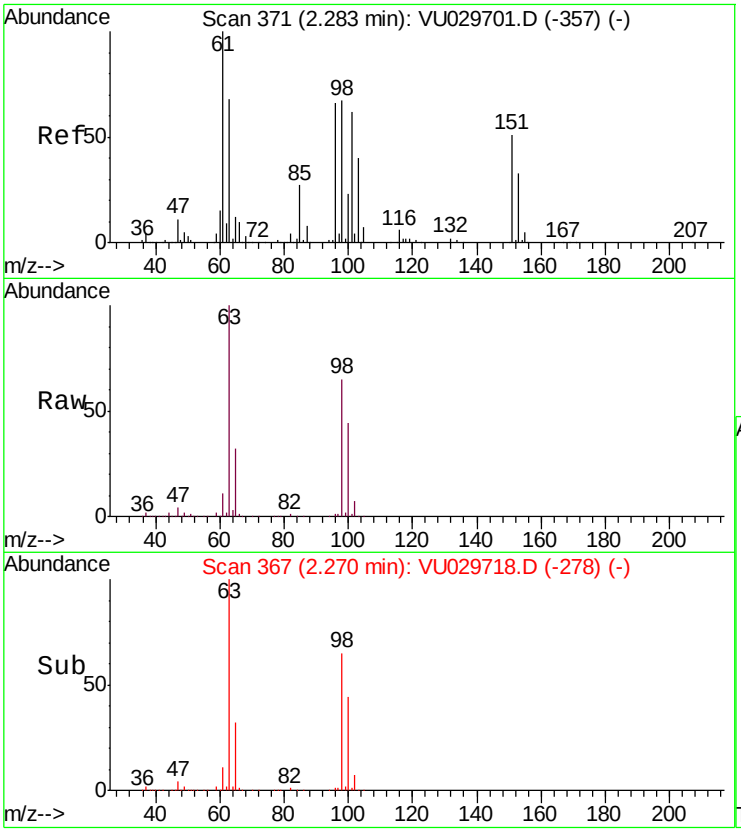
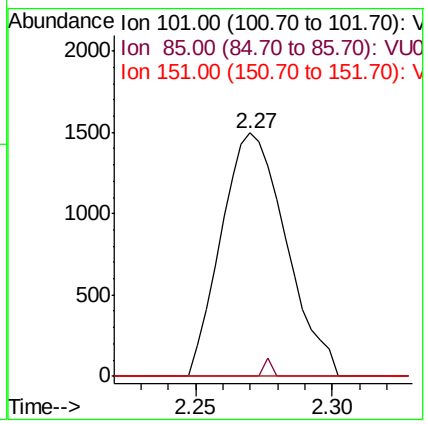


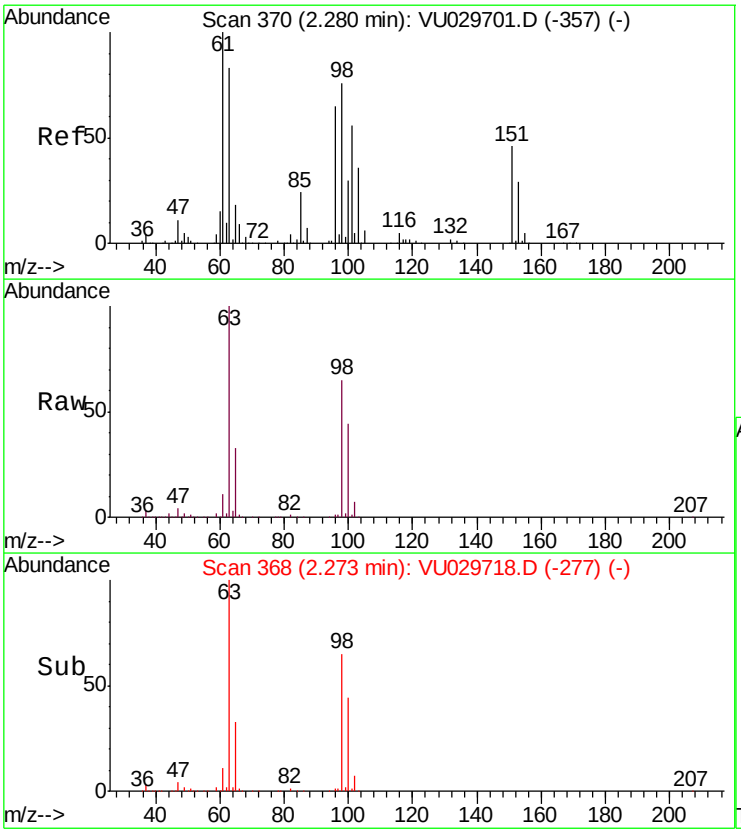


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.820 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion:101 Resp: 2469

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

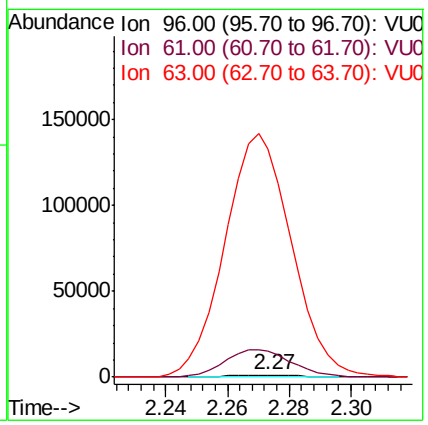


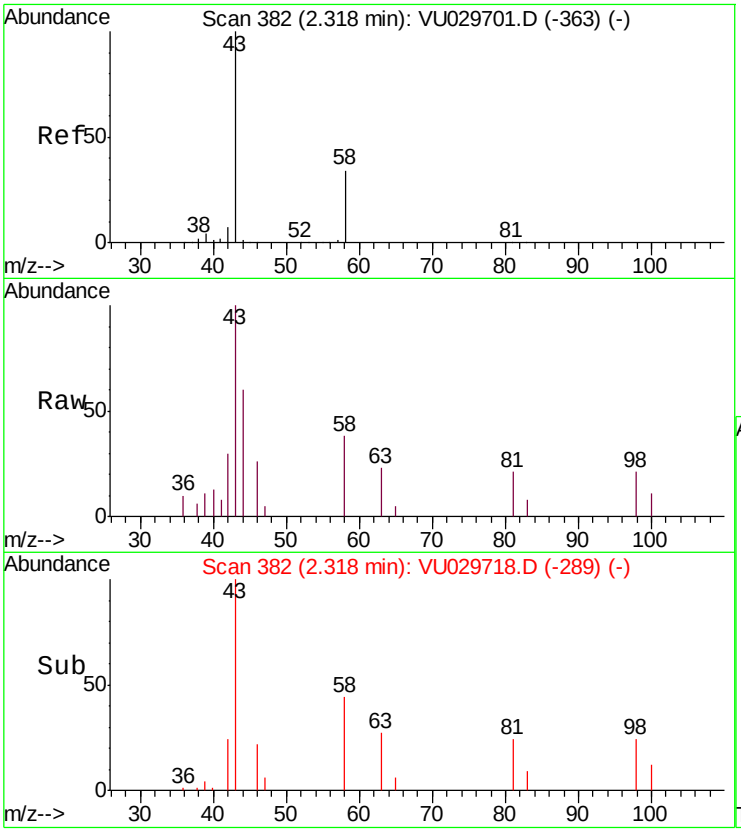


#12
1,1-Dichloroethene
Concen: 0.640 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 96 Resp: 1832

Ion	Ratio	Lower	Upper
96	100		
61	1268.5	114.0	211.8#
63	11321.0	98.7	183.3#

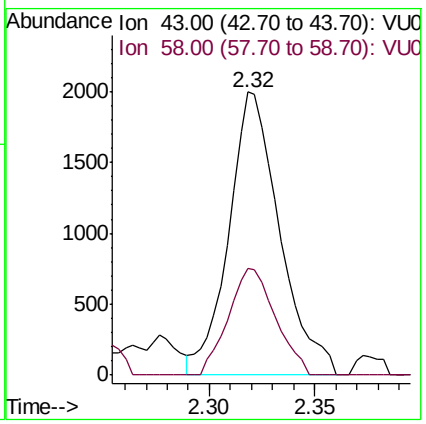


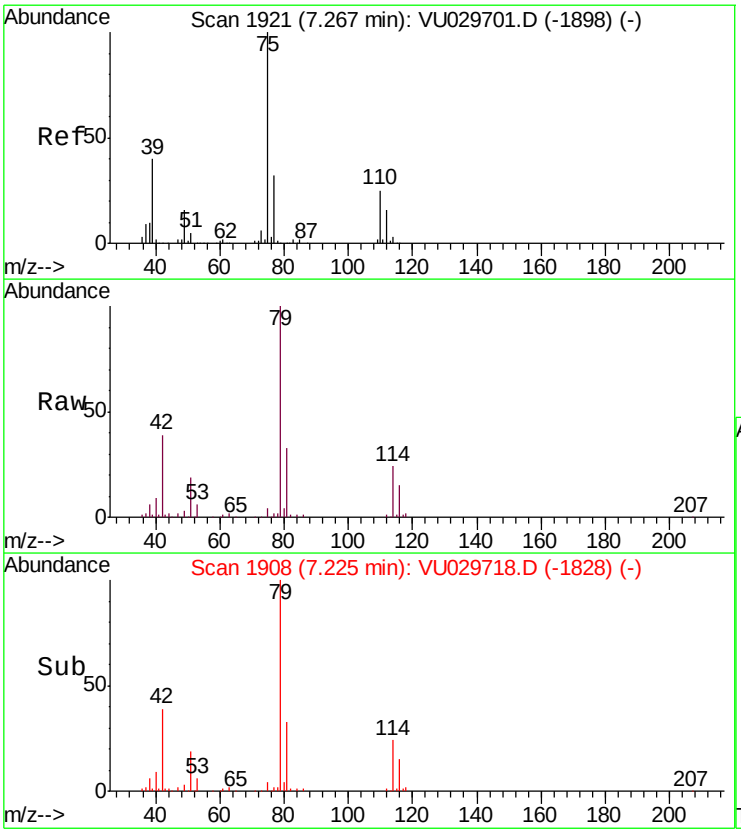


#13
Acetone
Concen: 1.622 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 43 Resp: 3339

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	66.8

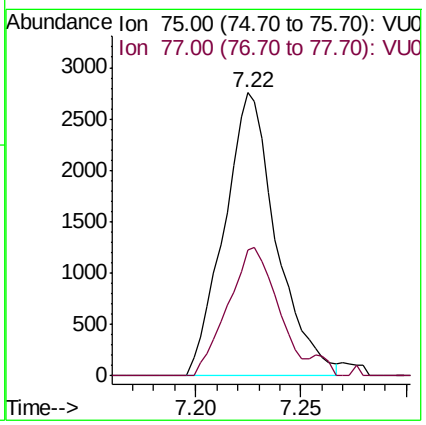


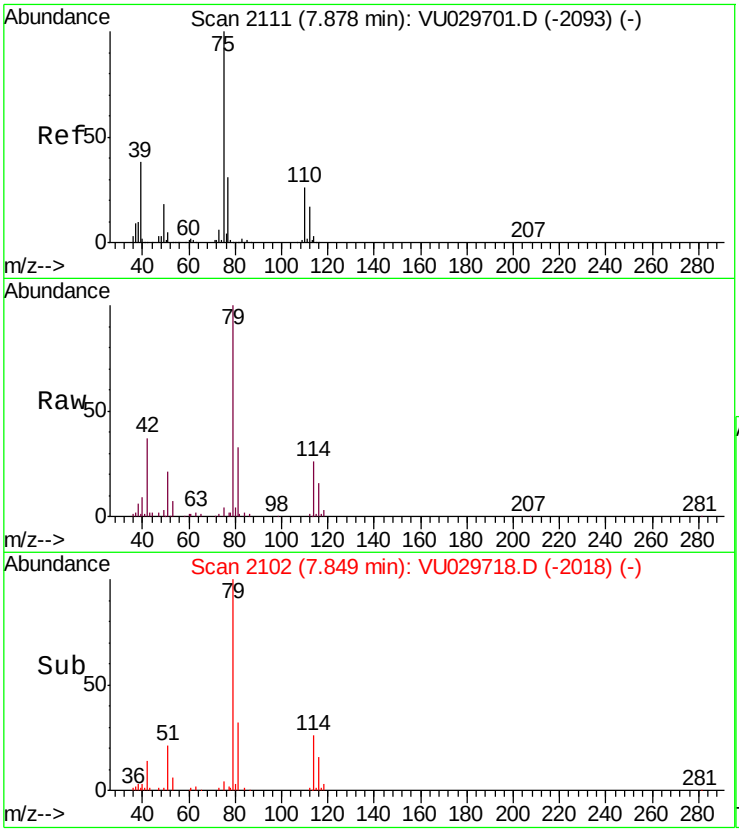


#39
cis-1,3-Dichloropropene
Concen: 1.041 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 75 Resp: 4736

Ion	Ratio	Lower	Upper
75	100		
77	44.4	22.3	41.5#

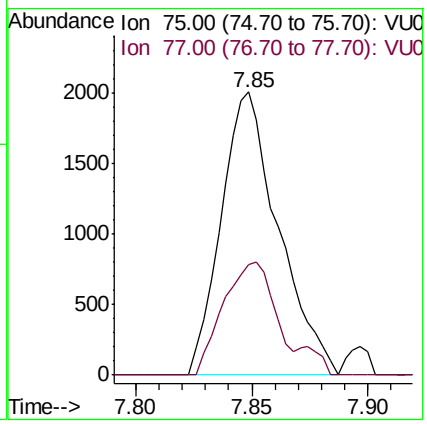


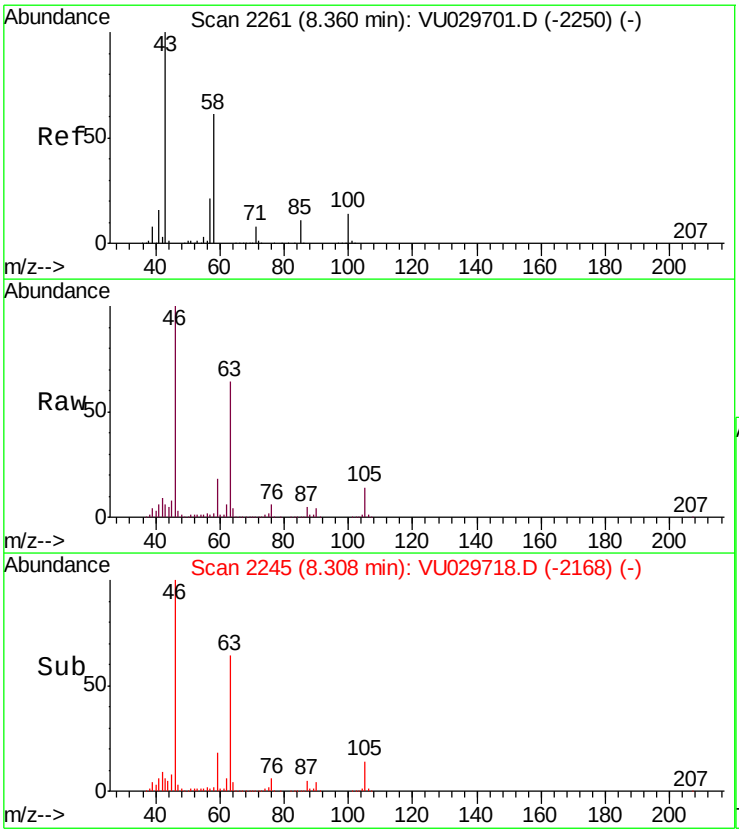


#44
trans-1,3-Dichloropropene
Concen: 0.800 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 75 Resp: 3432

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.1	41.1

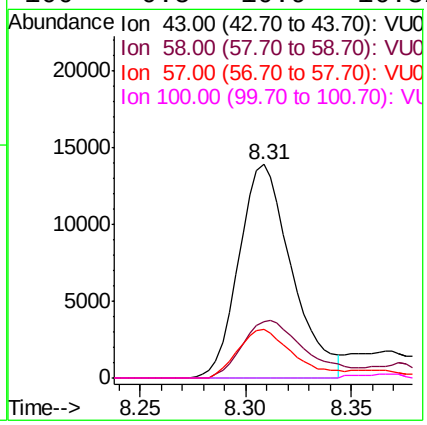


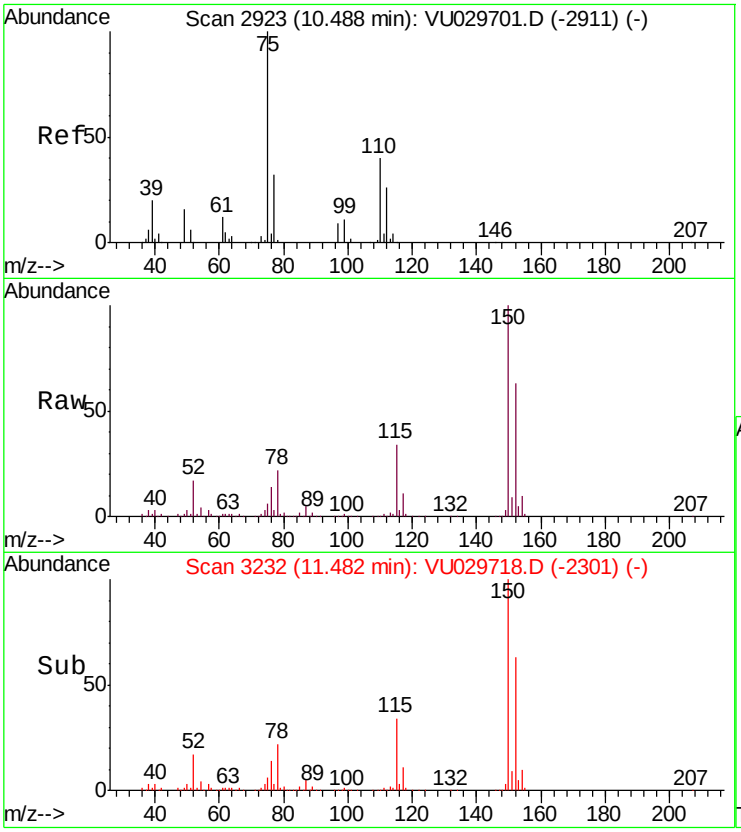


#48
2-Hexanone
Concen: 6.990 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 43 Resp: 24221

Ion	Ratio	Lower	Upper
43	100		
58	31.9	46.4	69.6#
57	24.1	15.7	23.5#
100	0.5	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 4.990 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029718.D
Acq: 27 Feb 2019 20:46

Tgt Ion: 75 Resp: 20069

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.7	38.5