Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029613.D
Acq On : 22 Feb 2019 12:16
Operator : JC/SP
Sample : K1543-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5X9

Quant Time: Feb 22 22:17:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477623	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233298	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	155918	44.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.10%			
7) Chloroethane-d5	1.68	69	136448	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.70%			
11) 1,1-Dichloroethene-d2	2.27	63	209598	30.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.28%			
21) 2-Butanone-d5	4.17	46	209108	98.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.18%			
24) Chloroform-d	4.65	84	261180	46.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.02%			
26) 1,2-Dichloroethane-d4	5.31	65	180789	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.60%			
32) Benzene-d6	5.34	84	606833	52.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.50%			
36) 1,2-Dichloropropane-d6	6.33	67	183676	52.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.14%			
41) Toluene-d8	7.56	98	580483	48.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.96%			
43) trans-1,3-Dichloropropene-	7.85	79	85111	45.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.84%			
47) 2-Hexanone-d5	8.31	63	177541	91.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271545	45.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	245138	48.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.52%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2124	0.638	ug/L #	17
13) Acetone	2.32	43	1452	0.638	ug/L	87
25) Chloroform	4.67	83	23707	4.209	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	5130	1.024	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	3540	0.749	ug/L	99
48) 2-Hexanone	8.31	43	19271	5.050	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	23181	5.234	ug/L	94

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

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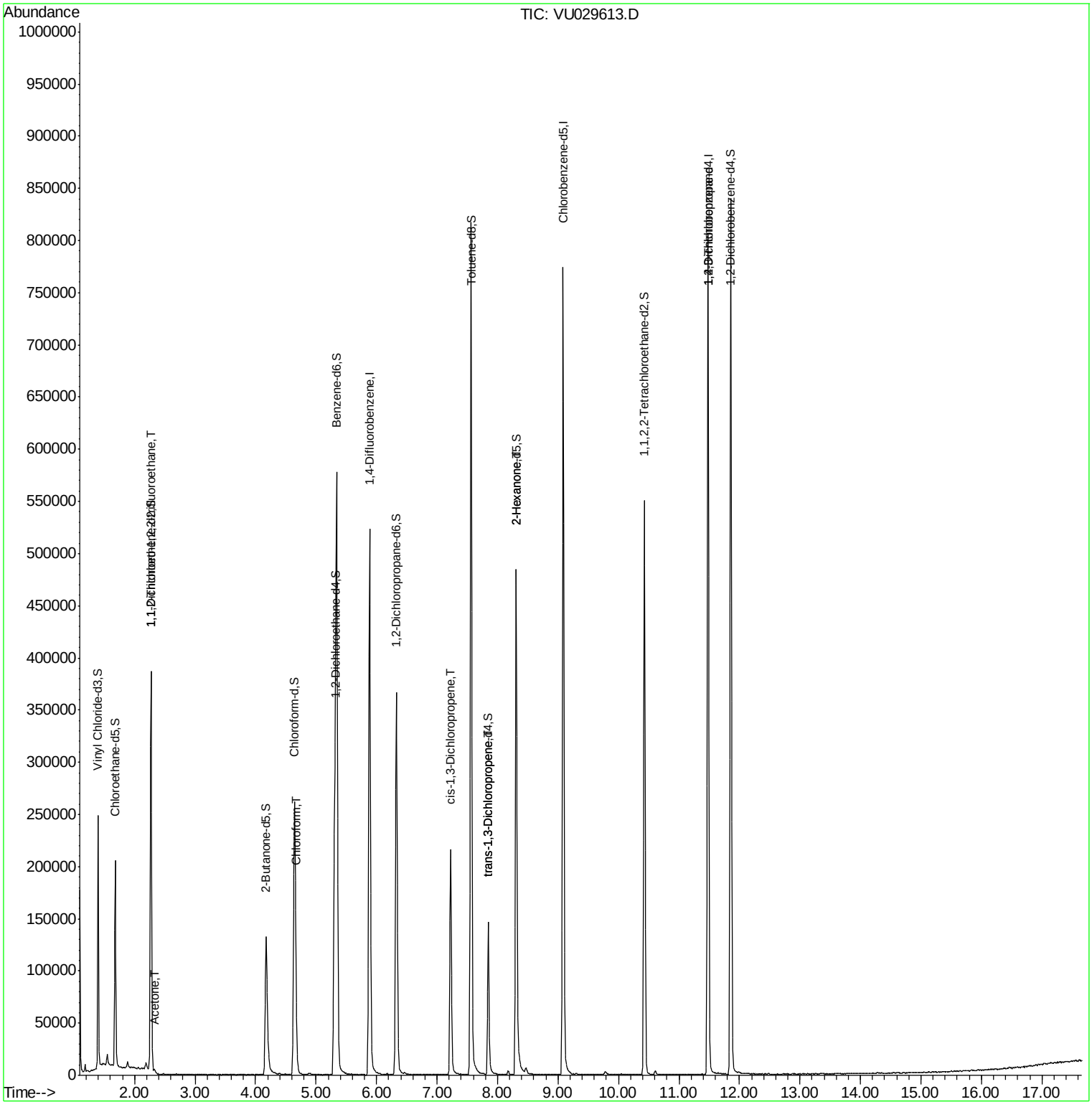
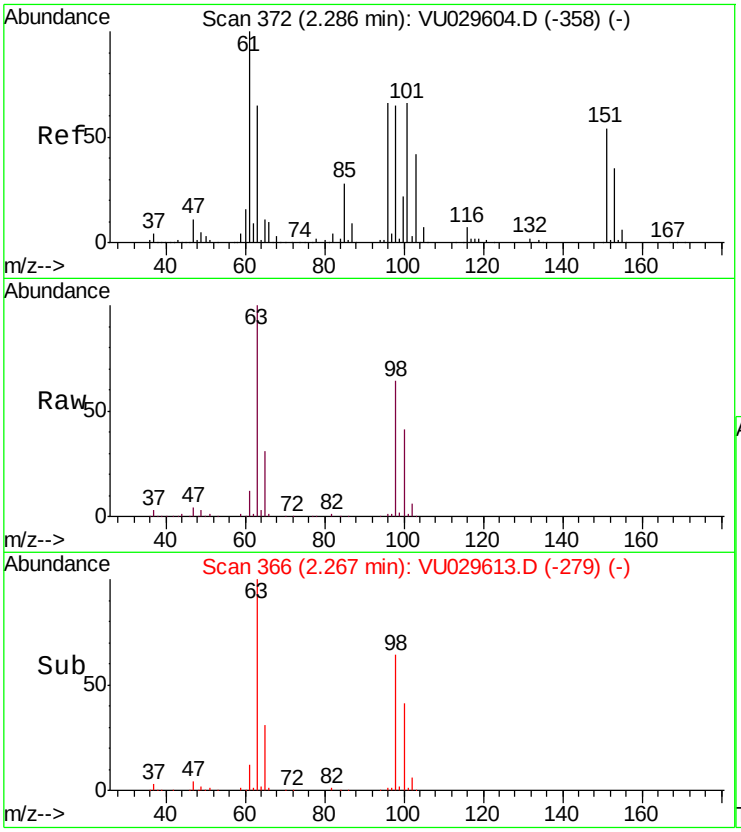
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration



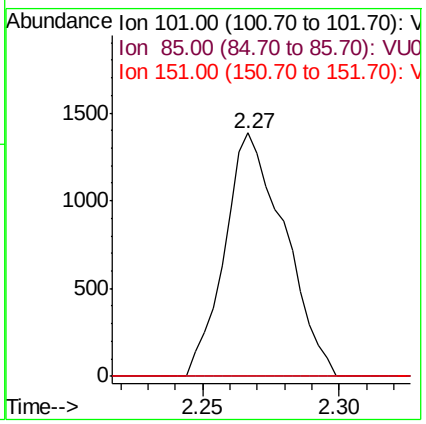


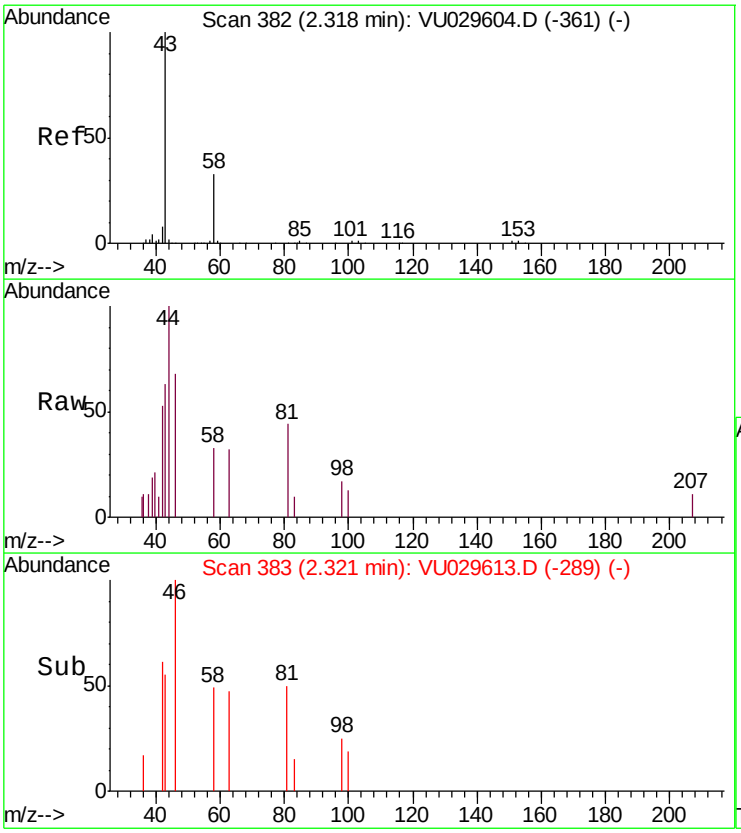
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.638 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Instrument : MSVOA_U
ClientSampleId : BF5X9

Tgt Ion:101 Resp: 2124

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

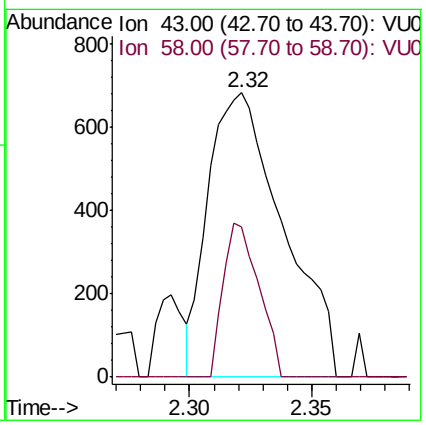


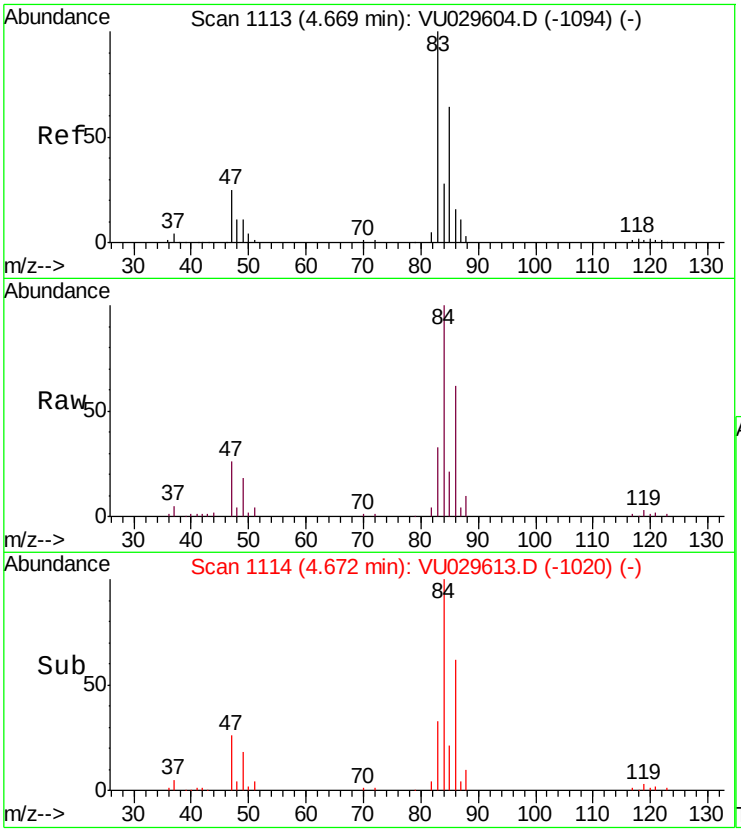


#13
Acetone
Concen: 0.638 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Tgt Ion: 43 Resp: 1452

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	66.8



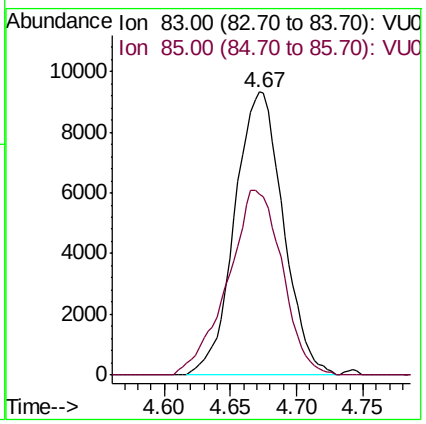


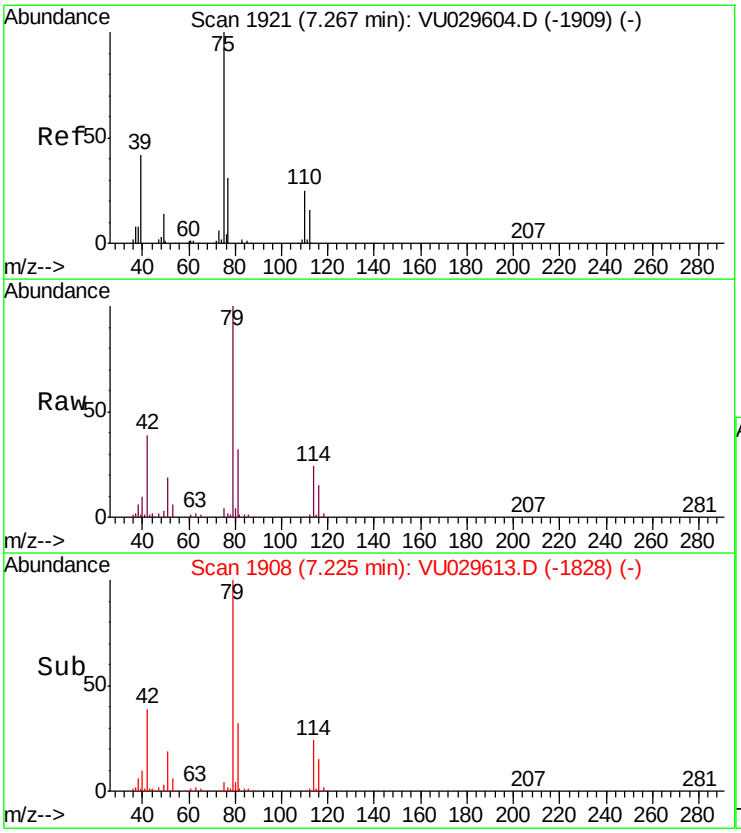
#25
Chloroform
Concen: 4.209 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Instrument :
MSVOA_U
ClientSampleId :
BF5X9

Tgt Ion: 83 Resp: 23707

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.4	84.2

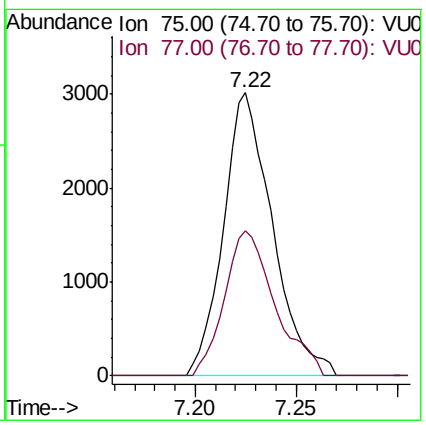


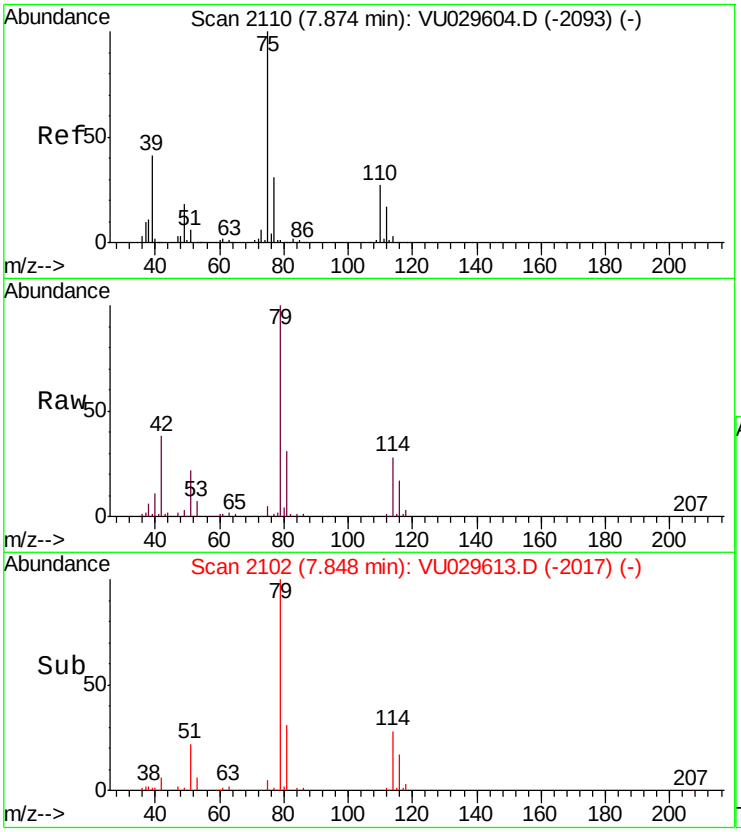


#39
cis-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Tgt Ion: 75 Resp: 5130

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.3	41.5#



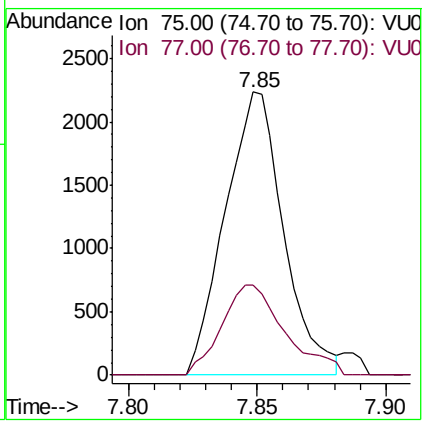


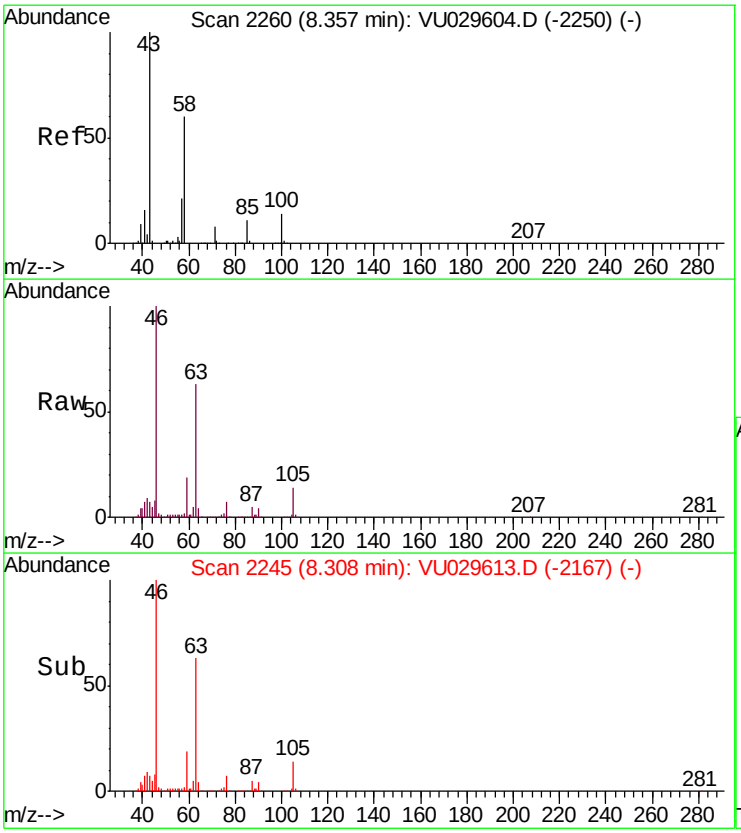
#44
trans-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Instrument :
MSVOA_U
ClientSampleId :
BF5X9

Tgt Ion: 75 Resp: 3540

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.1	41.1

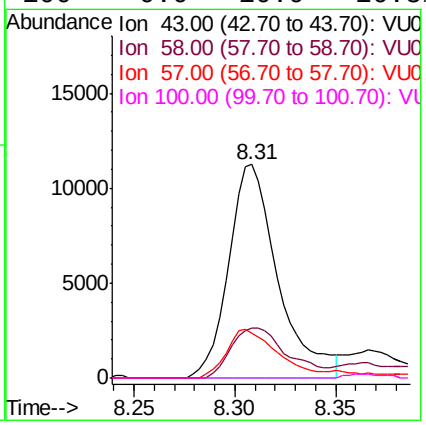


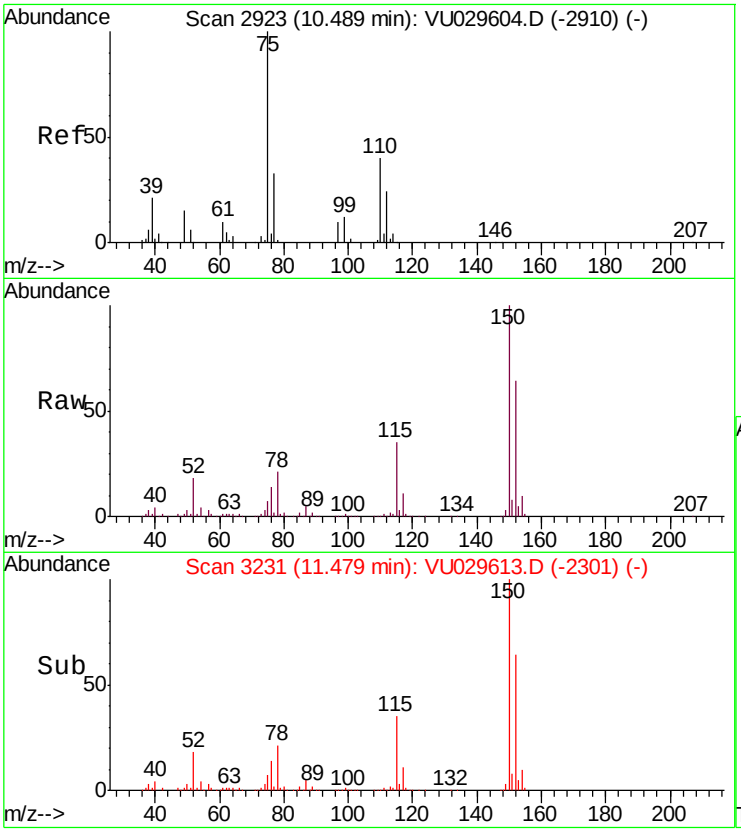


#48
2-Hexanone
Concen: 5.050 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Tgt Ion: 43 Resp: 19271

Ion	Ratio	Lower	Upper
43	100		
58	26.5	46.4	69.6#
57	23.4	15.7	23.5
100	0.0	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.234 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029613.D
Acq: 22 Feb 2019 12:16

Instrument :
MSVOA_U
ClientSampleId :
BF5X9

Tgt Ion: 75 Resp: 23181

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5