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

Quantitation Report (Not Reviewed)

Data File : VU029630.D
Acq On : 22 Feb 2019 19:19
Operator : JC/SP
Sample : K1581-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB615

Quant Time: Feb 22 23:12:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217880	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	129904	38.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.00%			
7) Chloroethane-d5	1.68	69	121529	39.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.96%			
11) 1,1-Dichloroethene-d2	2.27	63	193289	28.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.84%#			
21) 2-Butanone-d5	4.17	46	211805	101.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.80%			
24) Chloroform-d	4.65	84	256540	46.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.52%			
26) 1,2-Dichloroethane-d4	5.31	65	167154	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.22%			
32) Benzene-d6	5.34	84	531715	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.76%			
36) 1,2-Dichloropropane-d6	6.33	67	171429	50.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.48%			
41) Toluene-d8	7.56	98	492474	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			
43) trans-1,3-Dichloropropene-	7.85	79	74489	41.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.32%			
47) 2-Hexanone-d5	8.31	63	183024	96.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267138	46.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	216056	46.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.02%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1891	0.582	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1730	0.560	ug/L #	1
13) Acetone	2.32	43	2657	1.195	ug/L	92
25) Chloroform	4.67	83	3781	0.687	ug/L	79
39) cis-1,3-Dichloropropene	7.22	75	4965	1.015	ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	3112	0.675	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	22261	5.147	ug/L #	88

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

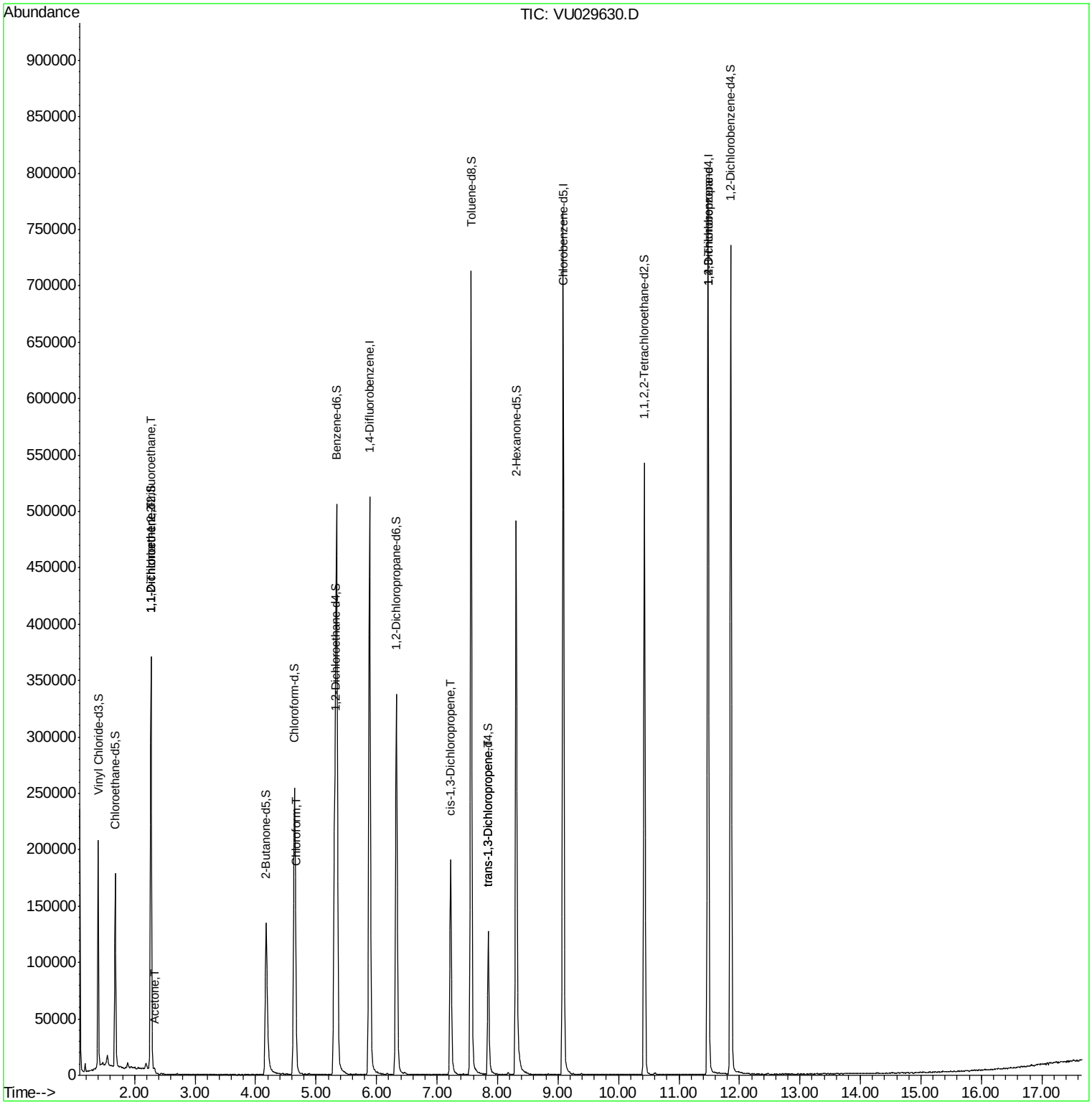
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

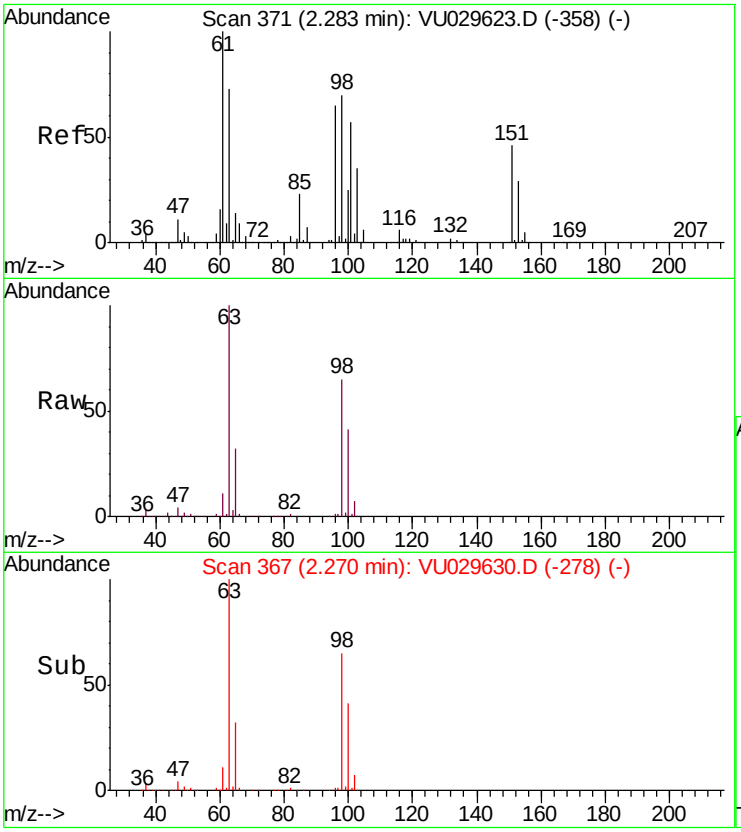
Quantitation Report (Not Reviewed)

Data File : VU029630.D
Acq On : 22 Feb 2019 19:19
Operator : JC/SP
Sample : K1581-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB615

Quant Time: Feb 22 23:12:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration



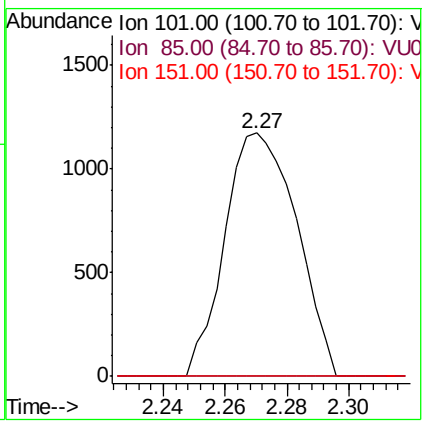


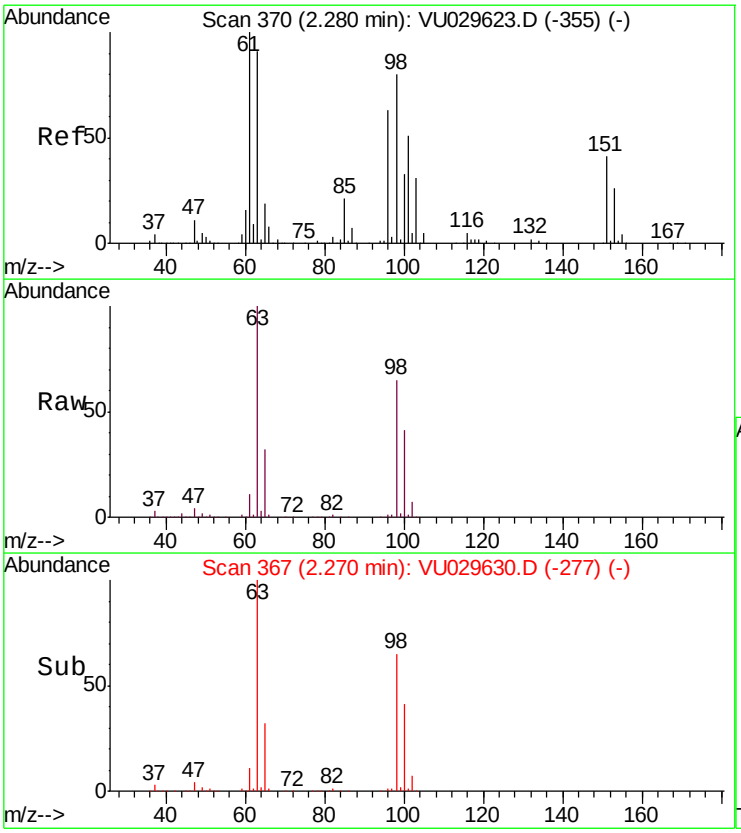
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.582 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Instrument :
MSVOA_U
ClientSampleId :
DB615

Tgt Ion:101 Resp: 1891

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

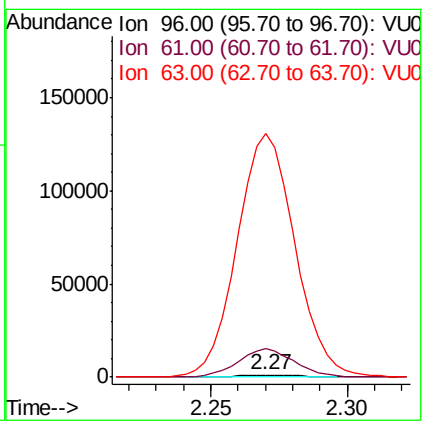


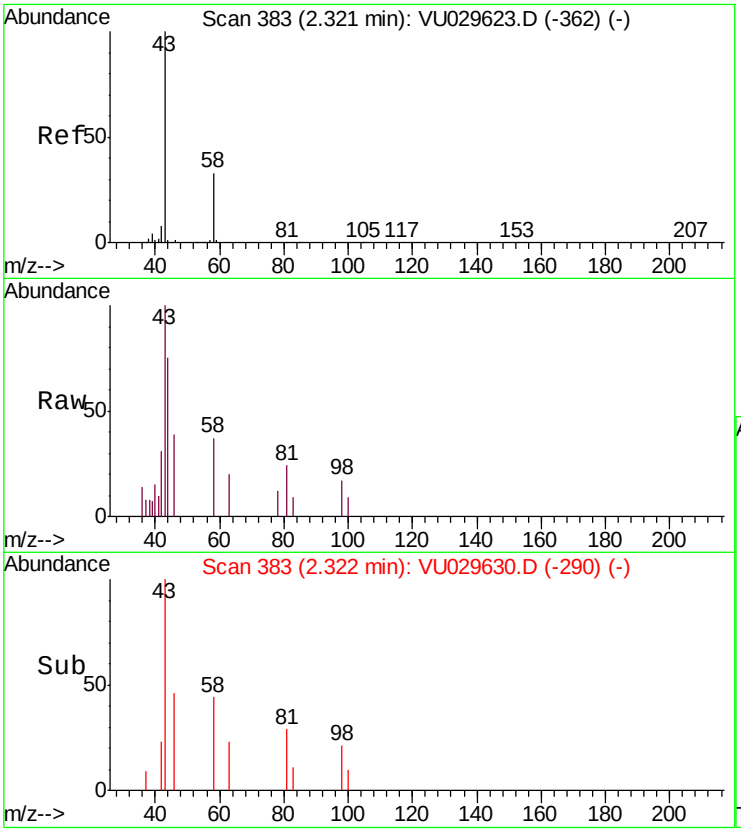


#12
1,1-Dichloroethene
Concen: 0.560 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Tgt Ion: 96 Resp: 1730

Ion	Ratio	Lower	Upper
96	100		
61	1407.6	114.0	211.8#
63	12260.4	98.7	183.3#



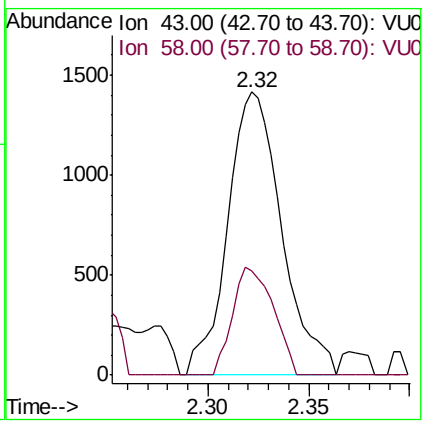


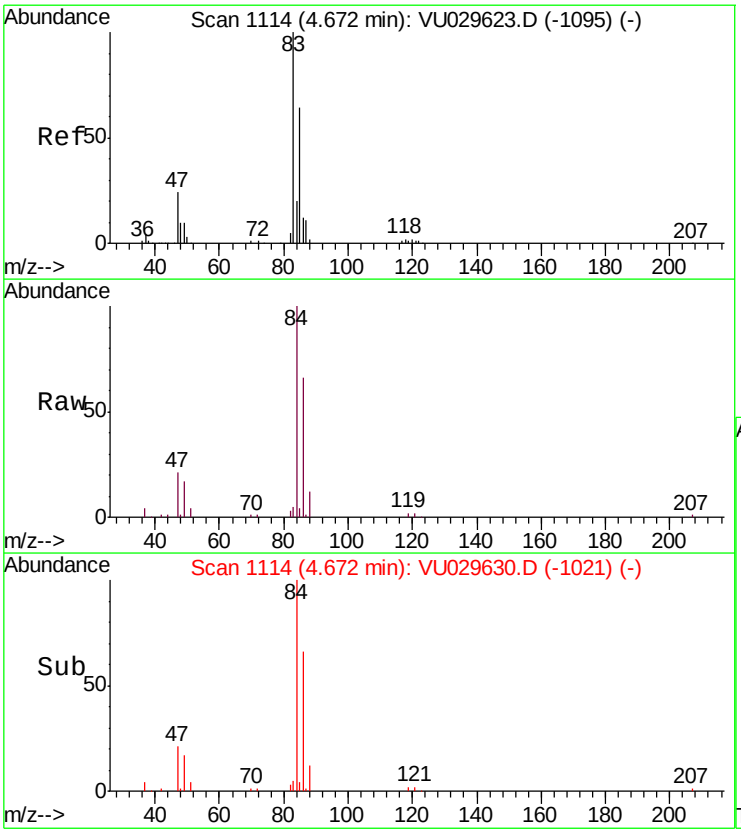
#13
Acetone
Concen: 1.195 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Instrument : MSVOA_U
ClientSampleId : DB615

Tgt Ion: 43 Resp: 2657

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	66.8

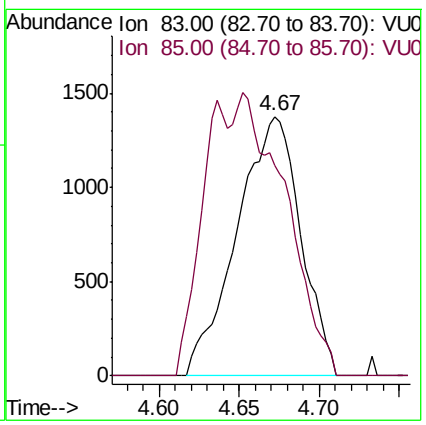


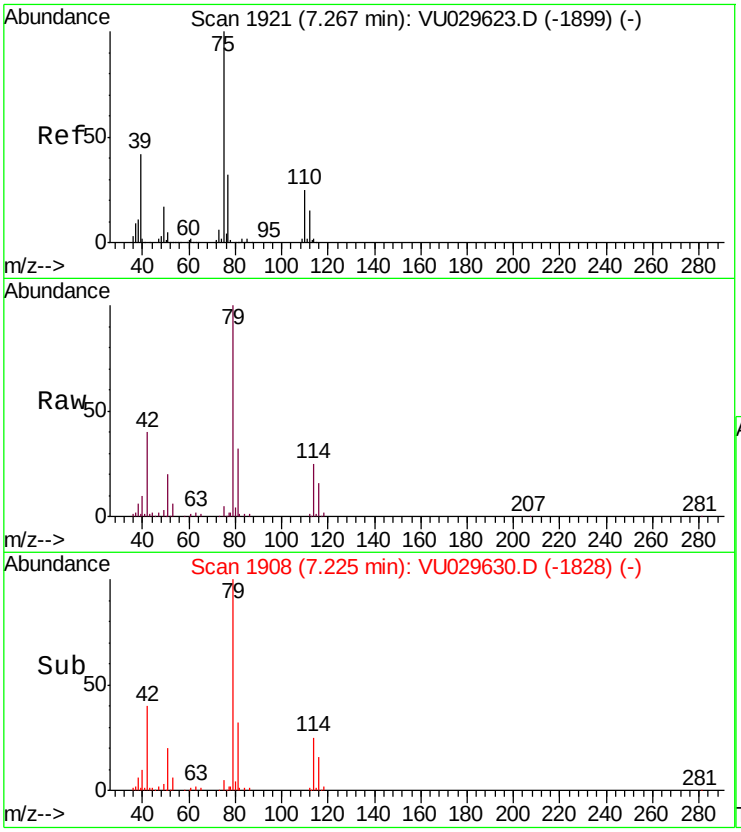


#25
Chloroform
Concen: 0.687 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Tgt Ion: 83 Resp: 3781

Ion	Ratio	Lower	Upper
83	100		
85	81.3	45.4	84.2



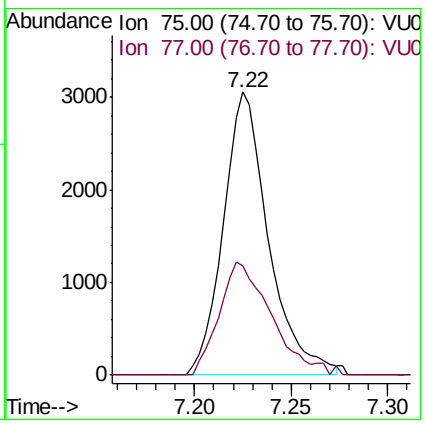


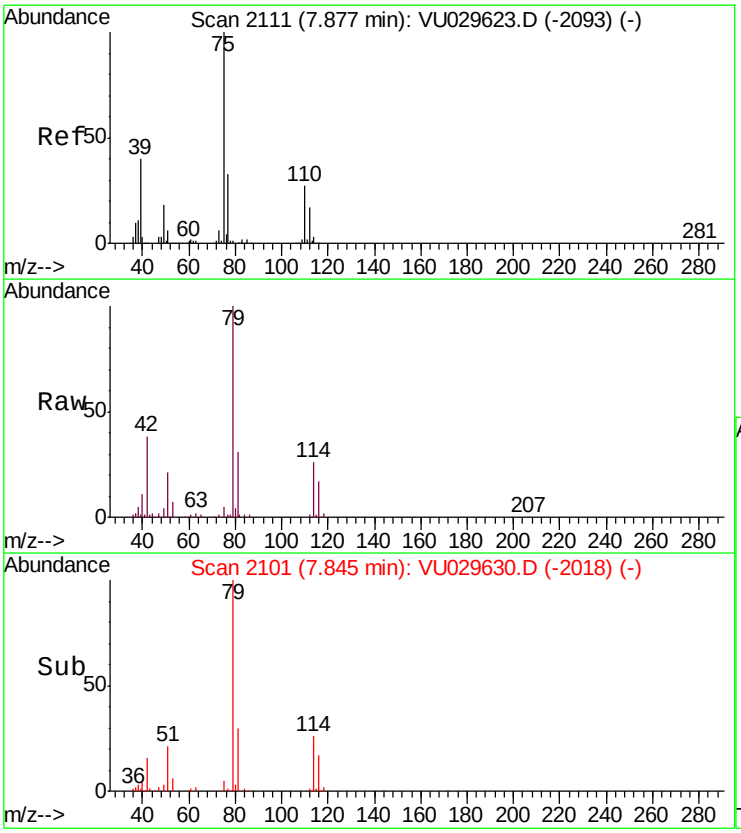
#39
cis-1,3-Dichloropropene
Concen: 1.015 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Instrument :
MSVOA_U
ClientSampleId :
DB615

Tgt Ion: 75 Resp: 4965

Ion	Ratio	Lower	Upper
75	100		
77	38.7	22.3	41.5

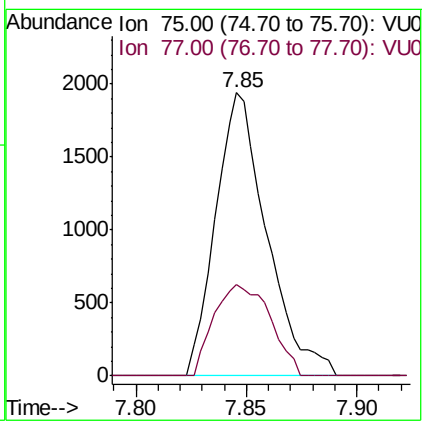


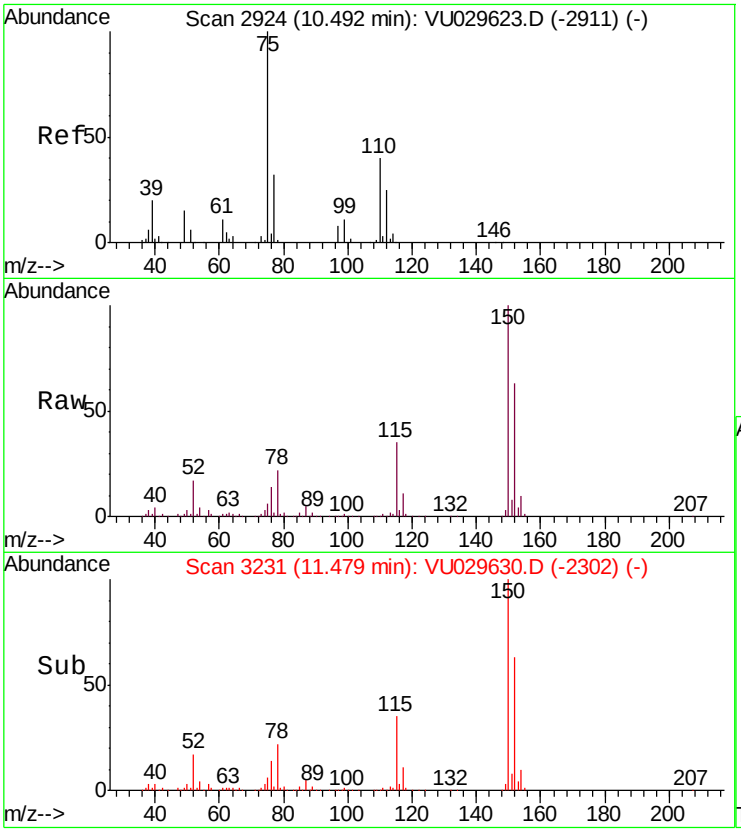


#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Tgt Ion: 75 Resp: 3112

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.147 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029630.D
Acq: 22 Feb 2019 19:19

Instrument :
MSVOA_U
ClientSampleId :
DB615

Tgt Ion: 75 Resp: 22261

Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.7	38.5#