Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

Quantitation Report (Not Reviewed)

Data File : VU029862.D
Acq On : 07 Mar 2019 19:02
Operator : JC/SP
Sample : K1734-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1E1

Quant Time: Mar 08 04:35:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477646	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217500	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	131964	37.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.40%			
7) Chloroethane-d5	1.68	69	117305	37.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.40%			
11) 1,1-Dichloroethene-d2	2.27	63	187983	27.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.96%#			
21) 2-Butanone-d5	4.17	46	213357	100.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.17%			
24) Chloroform-d	4.64	84	265204	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
26) 1,2-Dichloroethane-d4	5.31	65	163316	45.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.88%			
32) Benzene-d6	5.34	84	553348	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.10%			
36) 1,2-Dichloropropane-d6	6.33	67	175138	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.04%			
41) Toluene-d8	7.56	98	502328	42.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.85	79	78179	42.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.20%			
47) 2-Hexanone-d5	8.31	63	180049	92.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.35%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269847	45.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	213849	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.24%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1888	0.567	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1876	0.593	ug/L #	1
13) Acetone	2.32	43	8291	3.643	ug/L	89
25) Chloroform	4.68	83	8983	1.595	ug/L	92
39) cis-1,3-Dichloropropene	7.22	75	4551	0.906	ug/L #	76
42) Toluene	7.63	91	55343	3.947	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3056	0.646	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	22481	5.066	ug/L	94

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

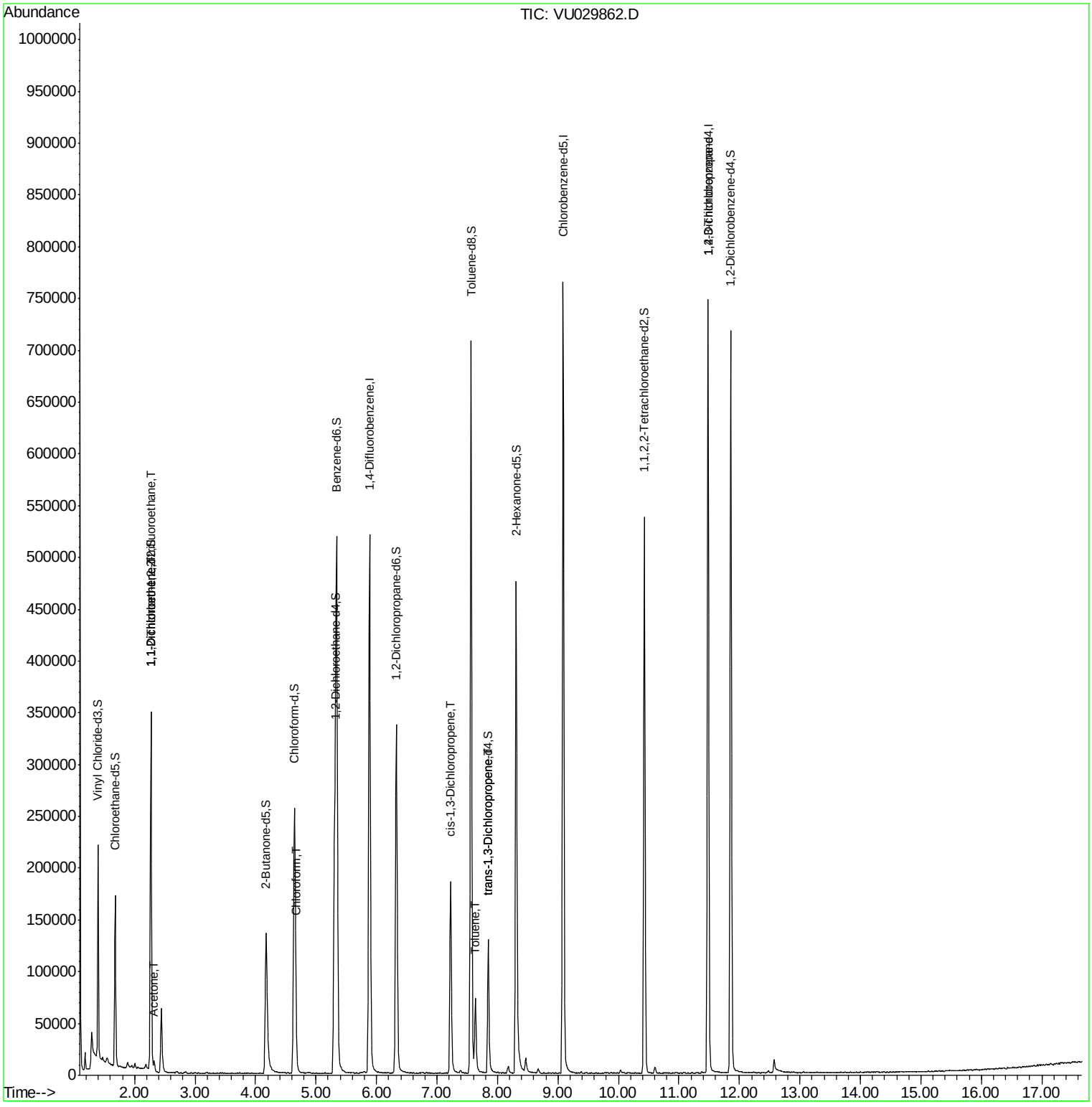
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

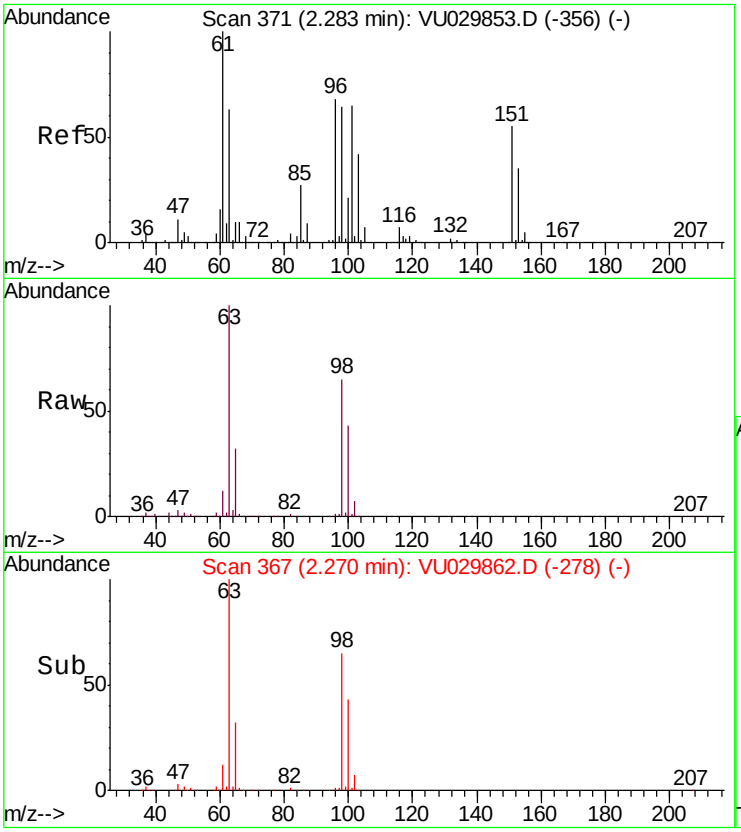
Quantitation Report (Not Reviewed)

Data File : VU029862.D
Acq On : 07 Mar 2019 19:02
Operator : JC/SP
Sample : K1734-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1E1

Quant Time: Mar 08 04:35:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration



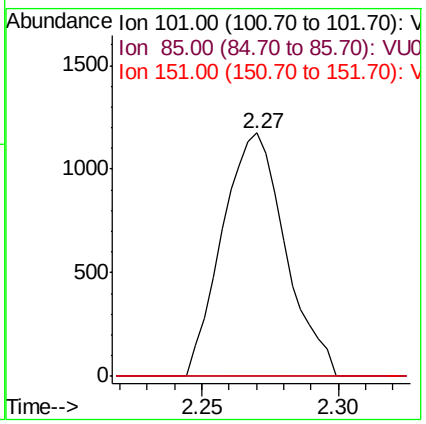


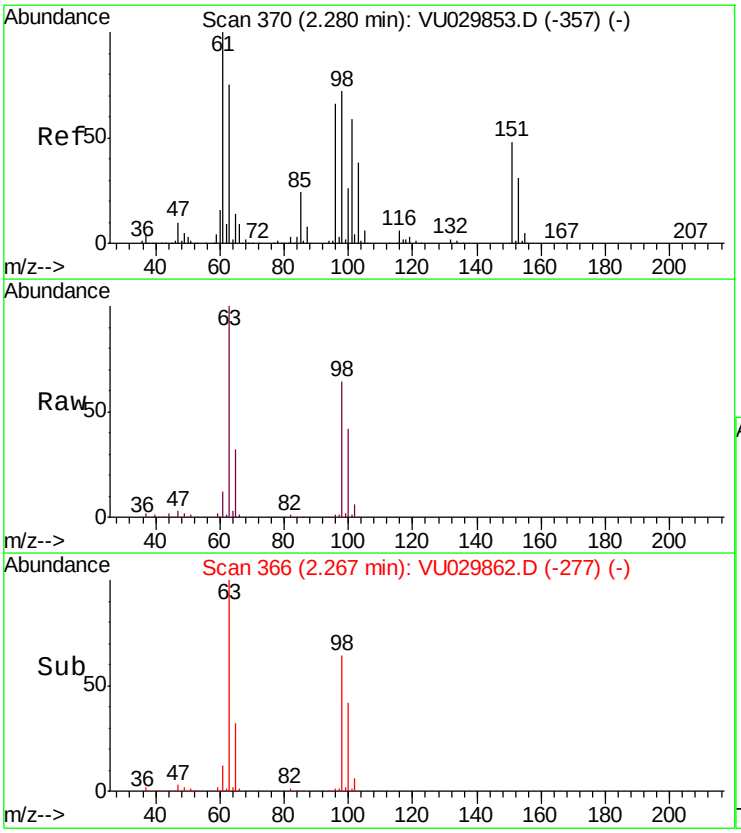
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
BF1E1

Tgt Ion:101 Resp: 1888

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

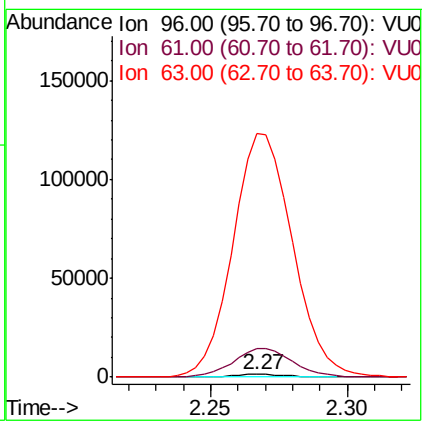


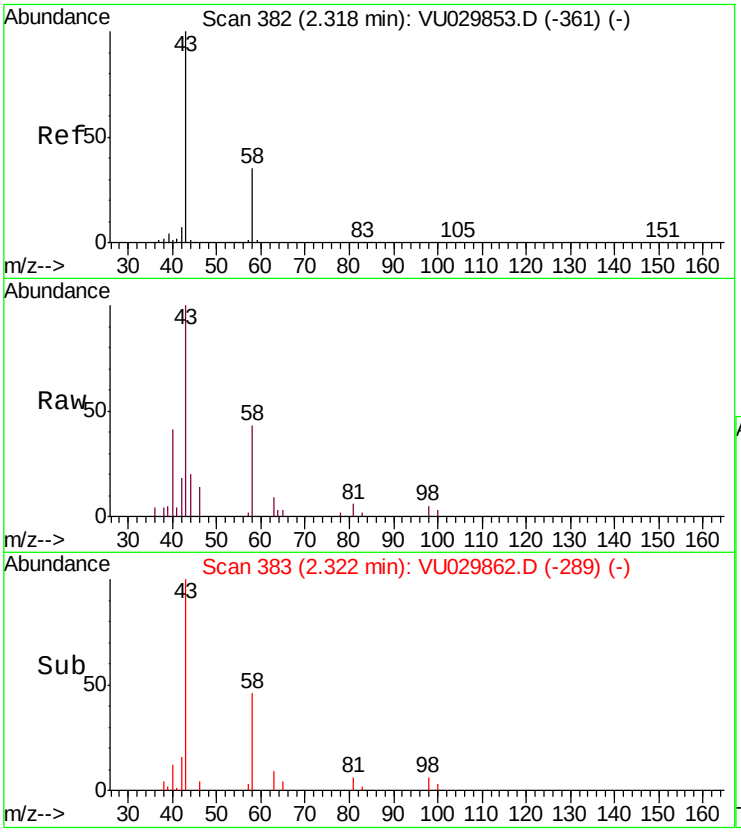


#12
1,1-Dichloroethene
Concen: 0.593 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Tgt Ion: 96 Resp: 1876

Ion	Ratio	Lower	Upper
96	100		
61	1038.9	114.0	211.8#
63	9024.5	98.7	183.3#



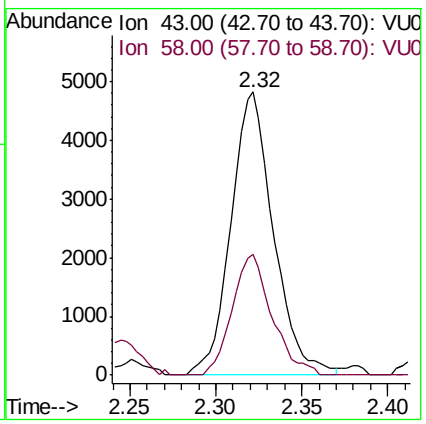


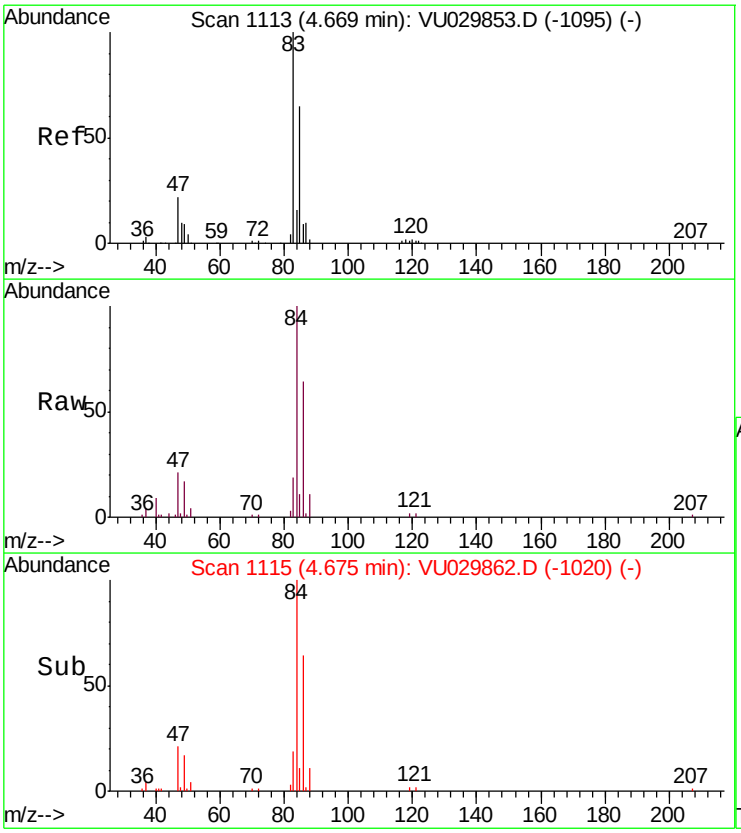
#13
Acetone
Concen: 3.643 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
BF1E1

Tgt Ion: 43 Resp: 8291

Ion	Ratio	Lower	Upper
43	100		
58	39.7	0.0	66.8

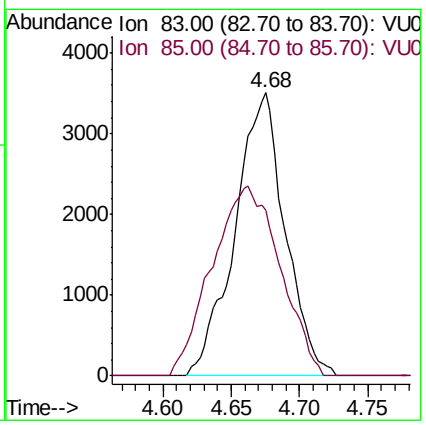


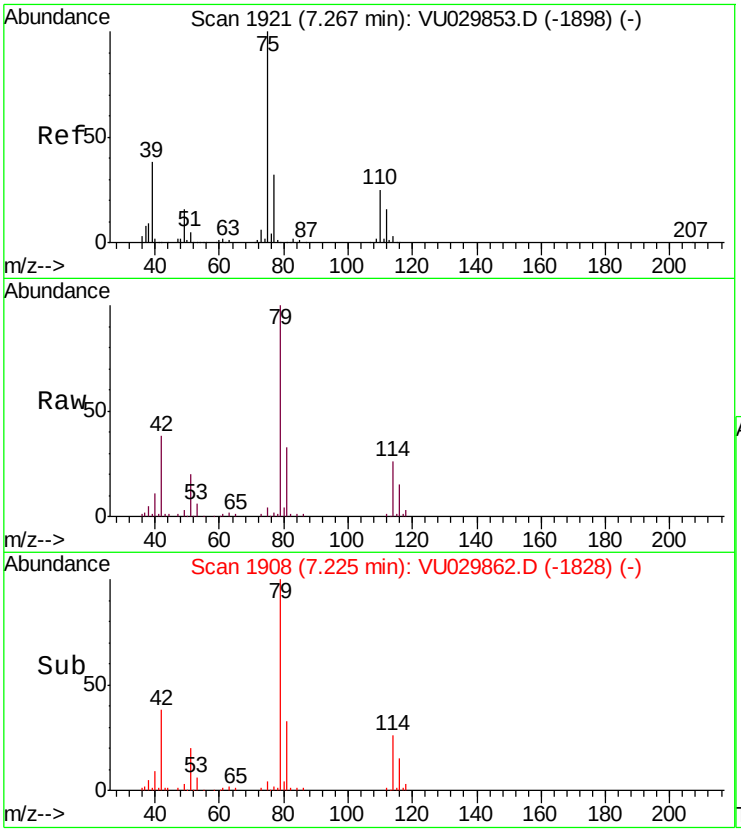


#25
Chloroform
Concen: 1.595 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Tgt Ion: 83 Resp: 8983

Ion	Ratio	Lower	Upper
83	100		
85	58.4	45.4	84.2



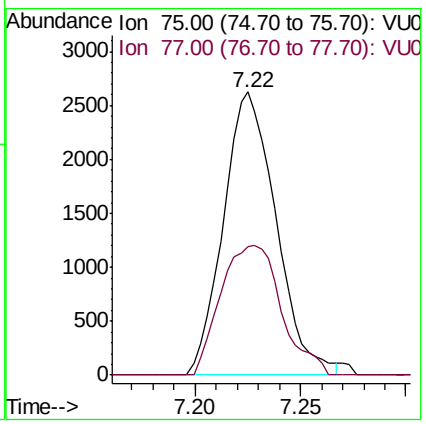


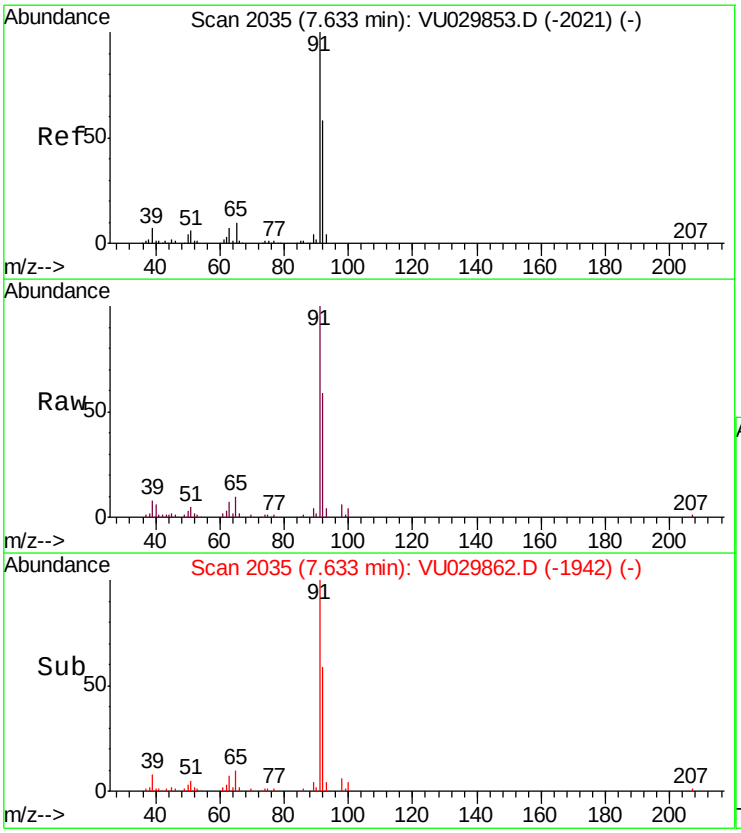
#39
cis-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
BF1E1

Tgt Ion: 75 Resp: 4551

Ion	Ratio	Lower	Upper
75	100		
77	45.5	22.3	41.5#

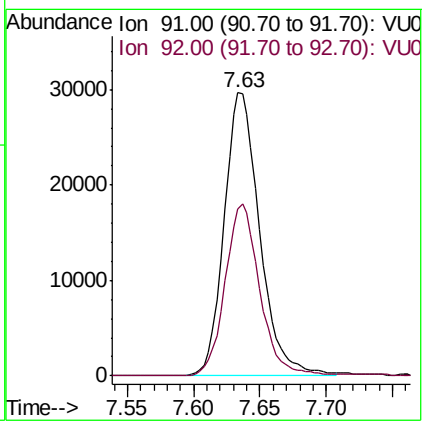


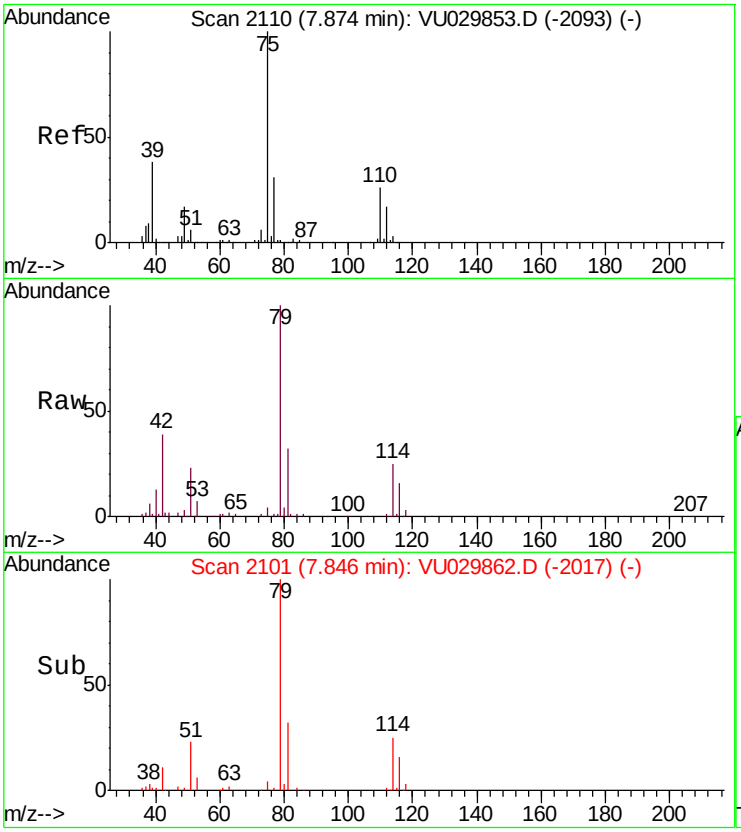


#42
Toluene
Concen: 3.947 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Tgt Ion: 91 Resp: 55343

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.8	75.8



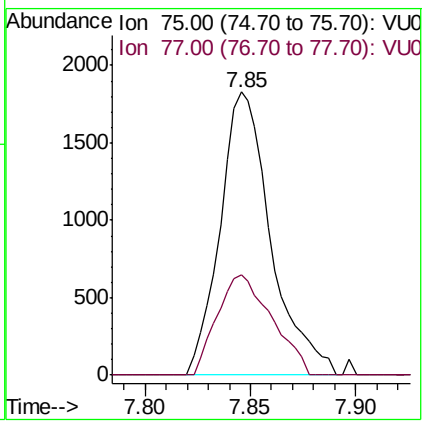


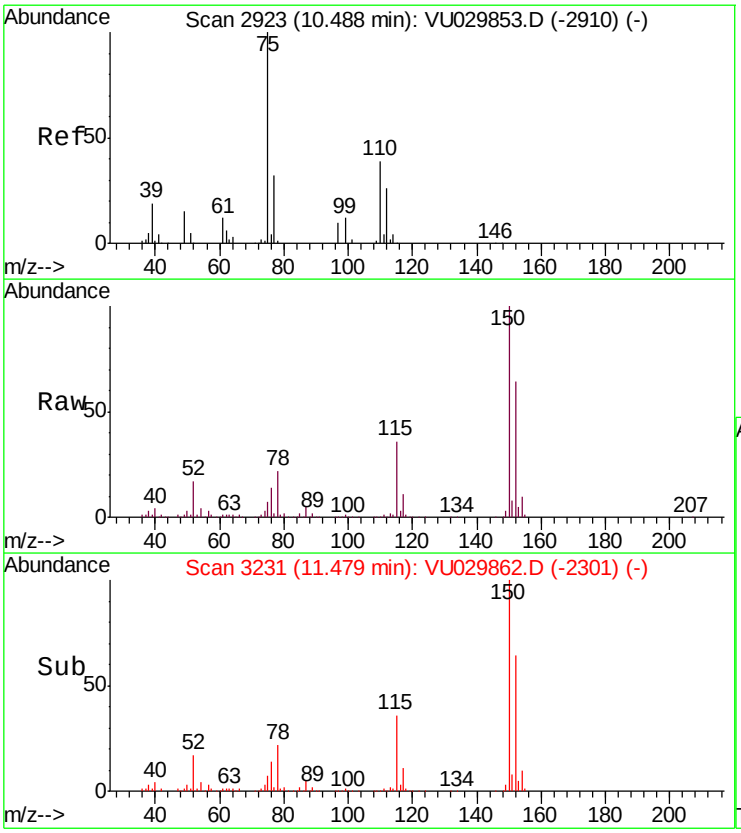
#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
BF1E1

Tgt Ion: 75 Resp: 3056

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.066 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029862.D
Acq: 07 Mar 2019 19:02

Tgt Ion: 75 Resp: 22481

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5