Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030519\

Quantitation Report (Not Reviewed)

Data File : VU029809.D
Acq On : 05 Mar 2019 09:27
Operator : JC/SP
Sample : VU0305WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK48

Quant Time: Mar 06 00:44:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503774	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224276	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	161492	43.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.50%			
7) Chloroethane-d5	1.68	69	137159	41.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.58%			
11) 1,1-Dichloroethene-d2	2.27	63	230656	31.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.94%			
21) 2-Butanone-d5	4.17	46	244227	108.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.72%			
24) Chloroform-d	4.64	84	286929	47.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.84%			
26) 1,2-Dichloroethane-d4	5.31	65	183048	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.58%			
32) Benzene-d6	5.34	84	631148	52.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.86%			
36) 1,2-Dichloropropane-d6	6.32	67	192347	53.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.22%			
41) Toluene-d8	7.56	98	589972	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.04%			
43) trans-1,3-Dichloropropene-	7.85	79	89818	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.50%			
47) 2-Hexanone-d5	8.31	63	203625	100.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290155	47.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	235297	48.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.36%			
Target Compounds						Qvalue
6) Bromomethane	1.63	94	1102	0.587	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2381	0.679	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2204	0.661	ug/L #	1
25) Chloroform	4.67	83	5549	0.934	ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	3375	0.689	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	22485	4.898	ug/L	92
70) 1,2,3-Trichlorobenzene	14.01	180	2790	0.557	ug/L #	77

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

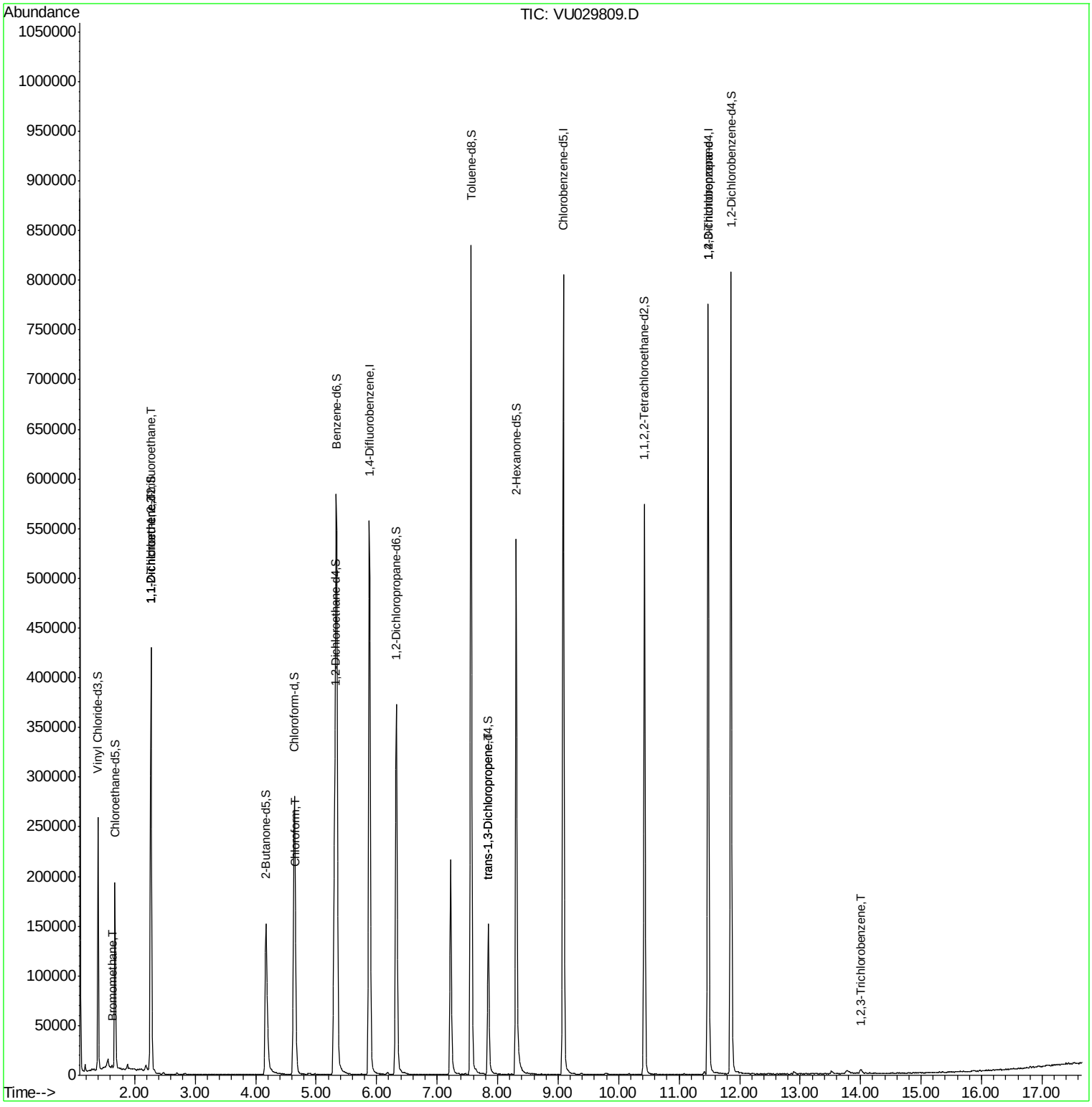
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030519\

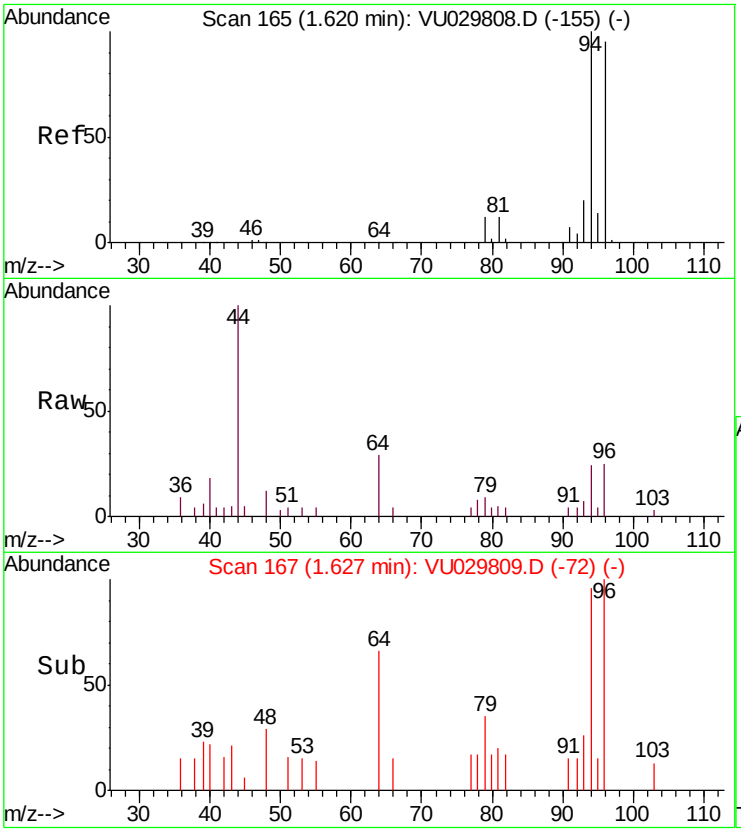
Quantitation Report (Not Reviewed)

Data File : VU029809.D
Acq On : 05 Mar 2019 09:27
Operator : JC/SP
Sample : VU0305WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK48

Quant Time: Mar 06 00:44:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration



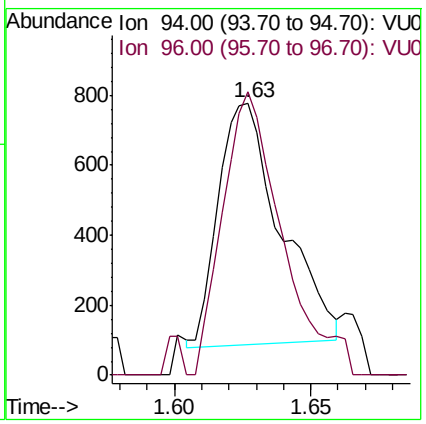


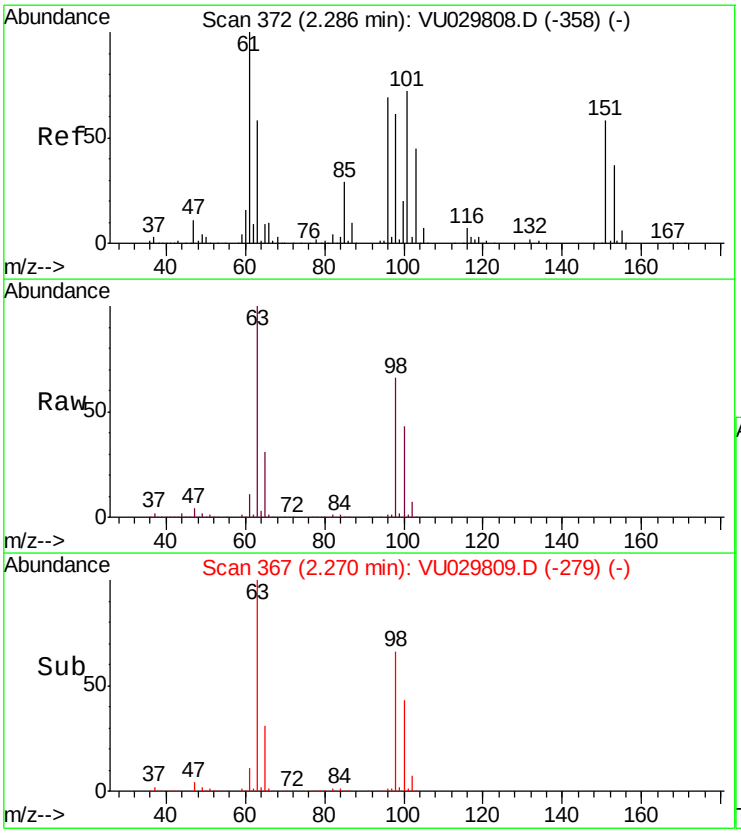
#6
Bromomethane
Concen: 0.587 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 94 Resp: 1102

Ion	Ratio	Lower	Upper
94	100		
96	103.9	66.4	123.2

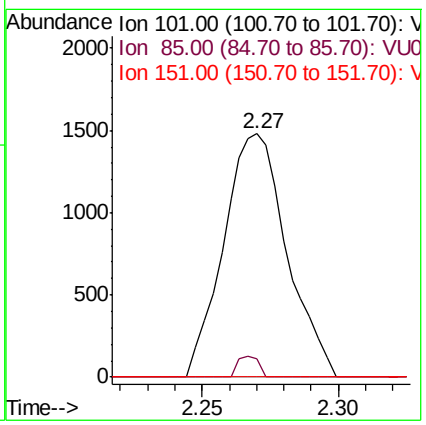


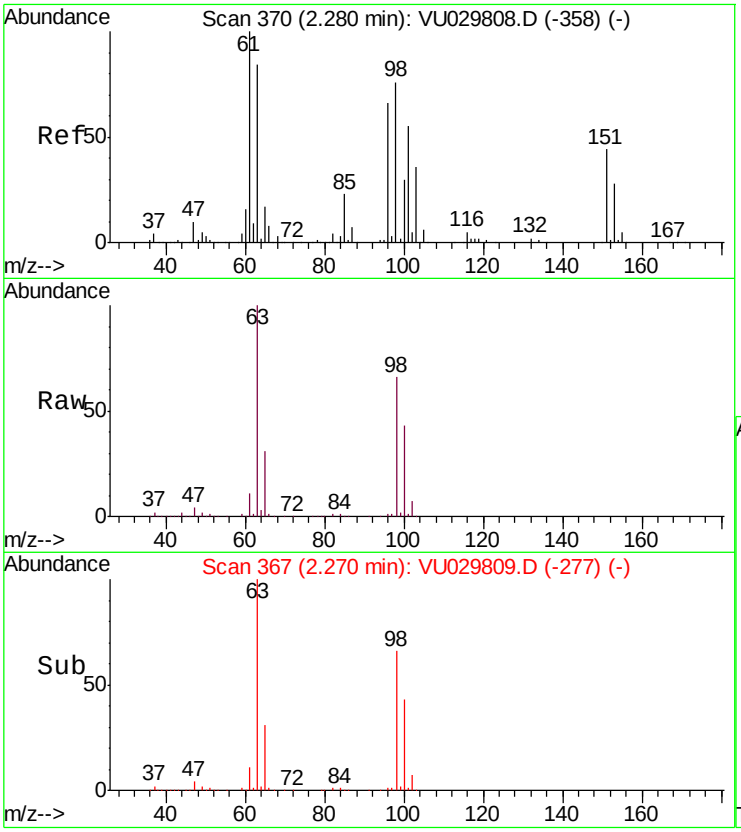


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.679 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Tgt Ion:101 Resp: 2381

Ion	Ratio	Lower	Upper
101	100		
85	2.9	33.0	49.6#
151	0.0	65.7	98.5#



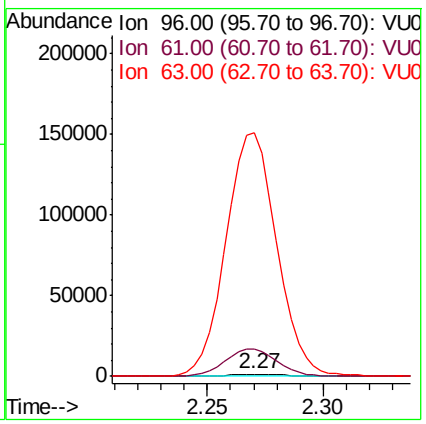


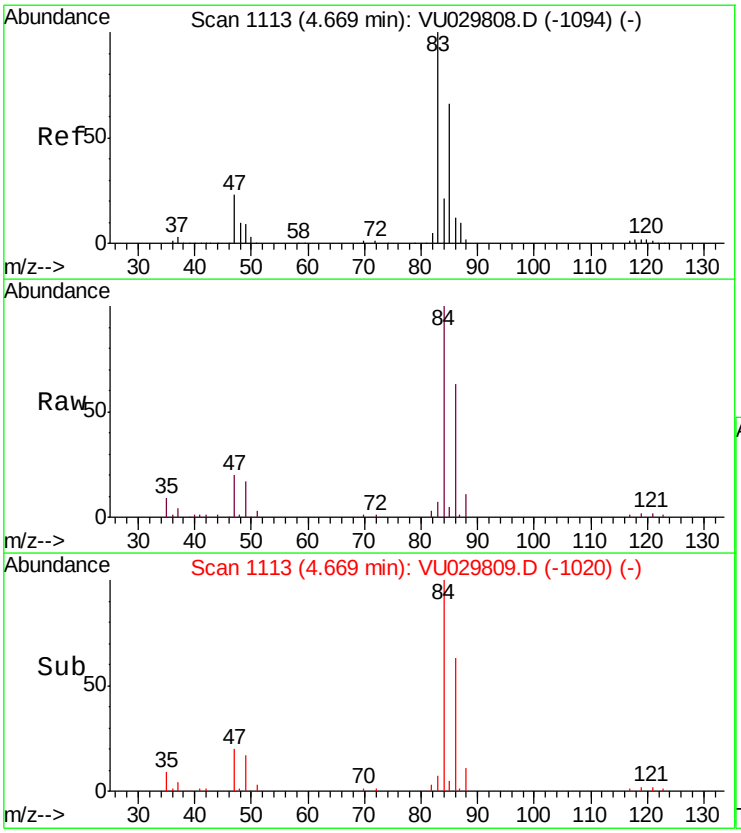
#12
1,1-Dichloroethene
Concen: 0.661 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 96 Resp: 2204

Ion	Ratio	Lower	Upper
96	100		
61	1293.7	114.0	211.8#
63	11516.1	98.7	183.3#

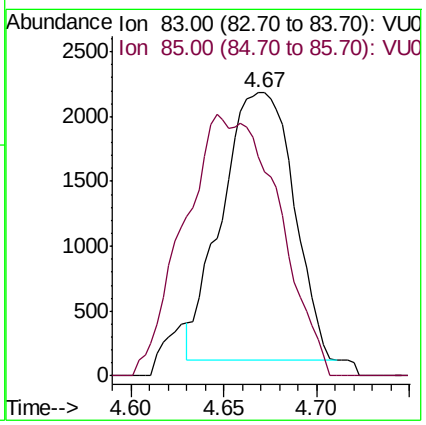


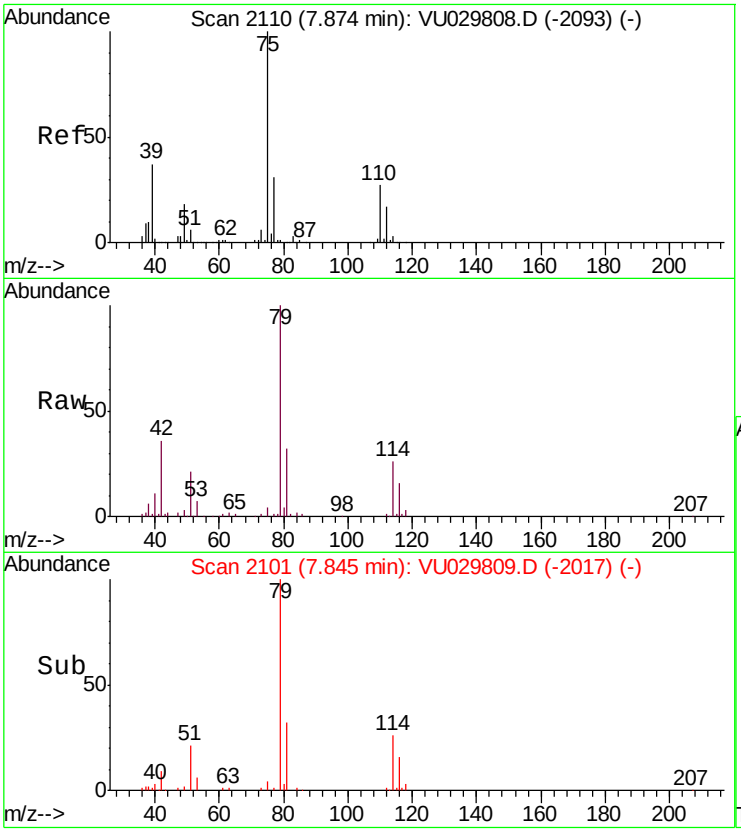


#25
Chloroform
Concen: 0.934 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Tgt Ion: 83 Resp: 5549

Ion	Ratio	Lower	Upper
83	100		
85	77.4	45.4	84.2



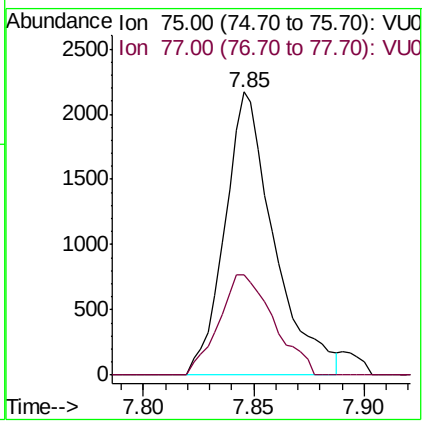


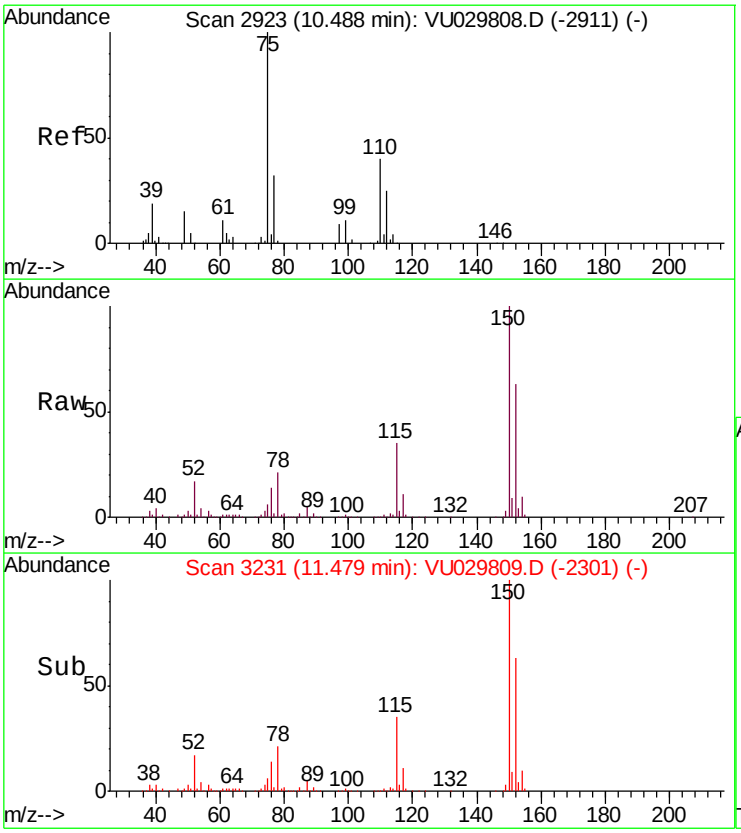
#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 75 Resp: 3375

Ion	Ratio	Lower	Upper
75	100		
77	35.6	22.1	41.1

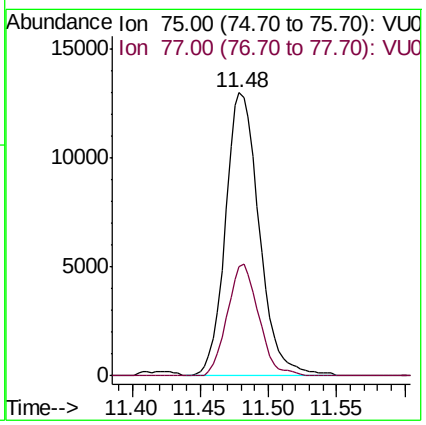


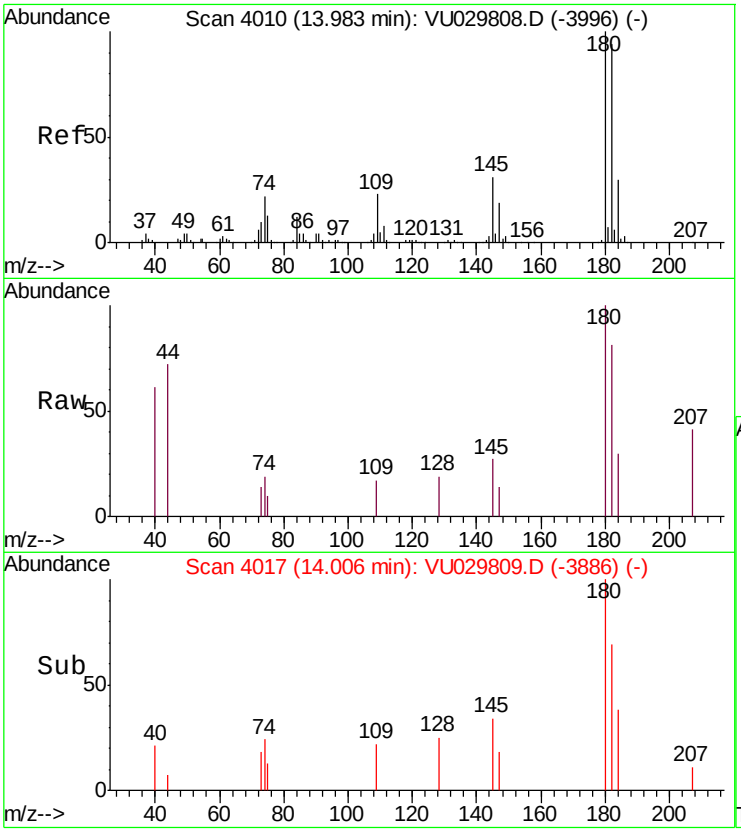


#59
1,2,3-Trichloropropane
Concen: 4.898 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Tgt Ion: 75 Resp: 22485

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.7	38.5





#70
1,2,3-Trichlorobenzene
Concen: 0.557 ug/L
RT: 14.01 min Scan# 4017
Delta R.T. 0.02 min
Lab File: VU029809.D
Acq: 05 Mar 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion:180 Resp: 2790

Ion	Ratio	Lower	Upper
180	100		
182	70.0	76.8	115.2#
145	25.3	24.4	36.6