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

Quantitation Report (Not Reviewed)

Data File : VU029817.D
Acq On : 05 Mar 2019 12:55
Operator : JC/SP
Sample : K1734-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1G4

Quant Time: Mar 06 00:45:24 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	492070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227120	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144431	40.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.12%			
7) Chloroethane-d5	1.68	69	123629	38.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.14%			
11) 1,1-Dichloroethene-d2	2.27	63	206250	29.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.52%#			
21) 2-Butanone-d5	4.17	46	219734	100.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.14%			
24) Chloroform-d	4.65	84	268560	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.84%			
26) 1,2-Dichloroethane-d4	5.31	65	169500	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.56%			
32) Benzene-d6	5.34	84	575507	47.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.42%			
36) 1,2-Dichloropropane-d6	6.33	67	181536	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.04%			
41) Toluene-d8	7.56	98	537938	43.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.38%			
43) trans-1,3-Dichloropropene-	7.85	79	83640	43.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.90%			
47) 2-Hexanone-d5	8.31	63	187376	92.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.71%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273354	44.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	224827	45.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.86%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2830	0.956	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2175	0.635	ug/L #	17
13) Acetone	2.32	43	10561	4.504	ug/L	97
16) Methylene chloride	2.70	84	1756	0.557	ug/L	89
25) Chloroform	4.67	83	4731	0.815	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4515	0.867	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	3066	0.625	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	22786	4.953	ug/L	94

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

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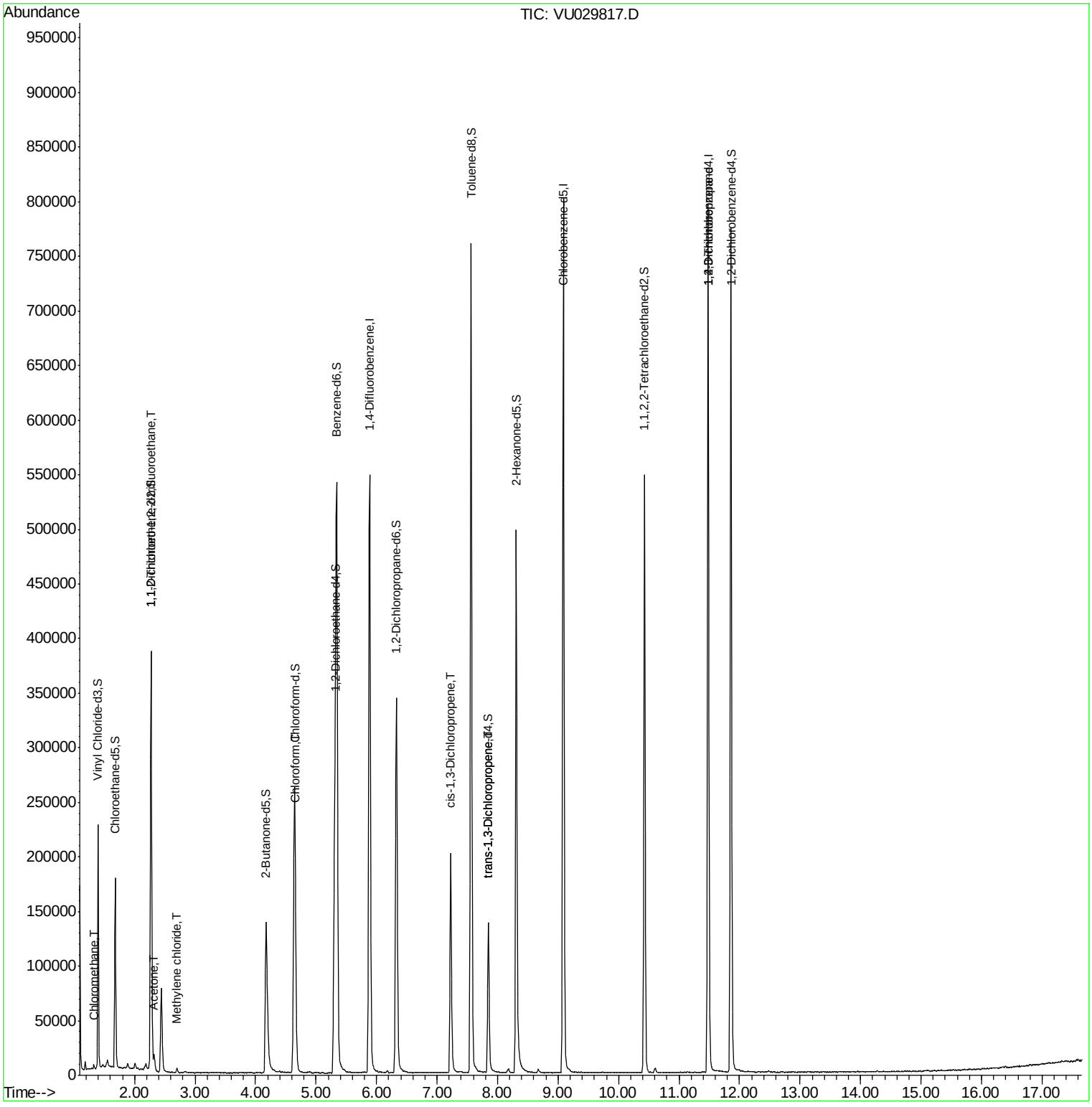
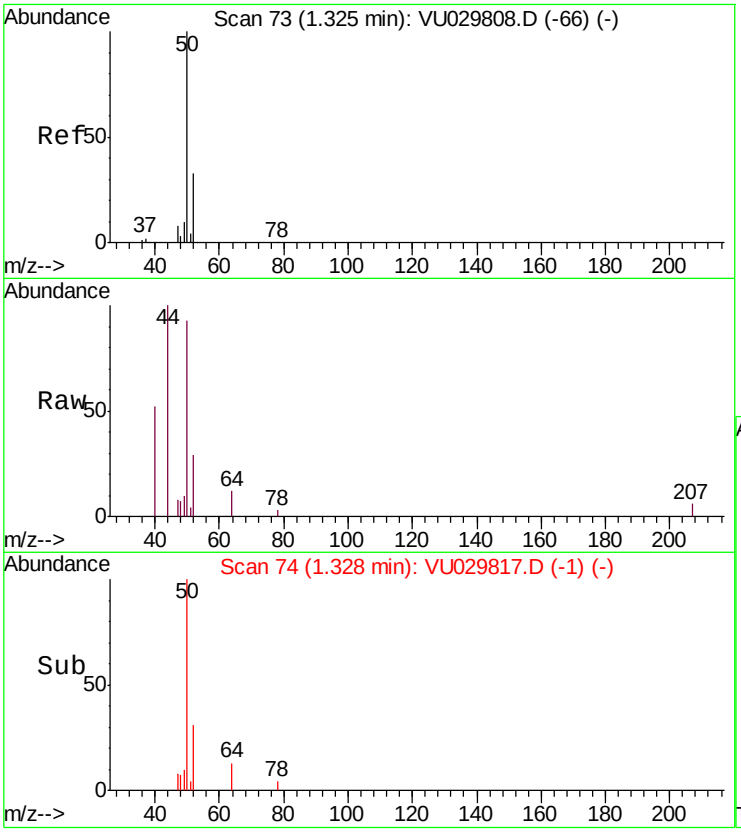
Instrument :
MSVOA_U
ClientSampleId :
BF1G4

Quant Time: Mar 06 00:45:24 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



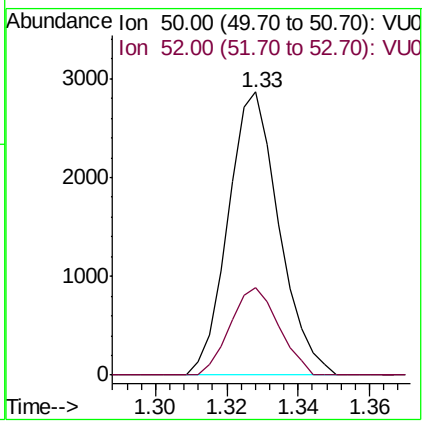


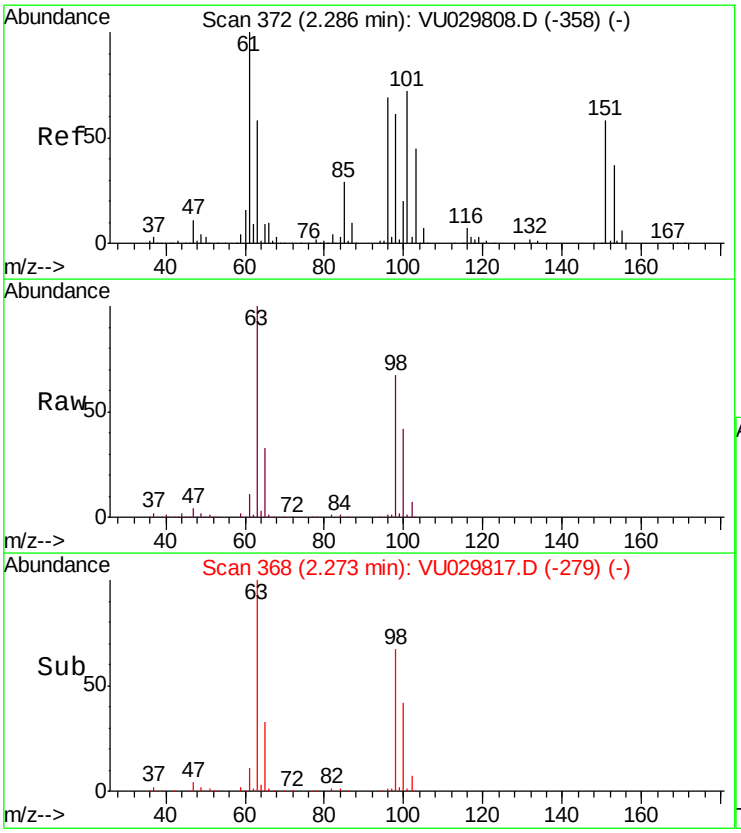
#3
Chloromethane
Concen: 0.956 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :
BF1G4

Tgt Ion: 50 Resp: 2830

Ion	Ratio	Lower	Upper
50	100		
52	31.1	23.9	44.3

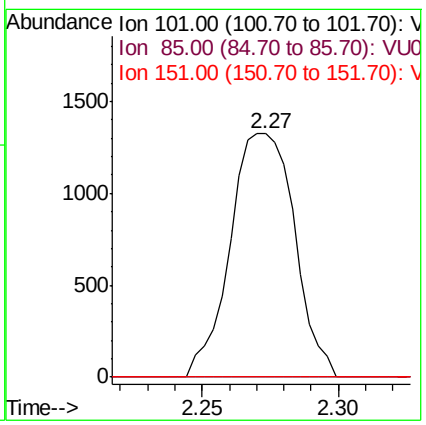


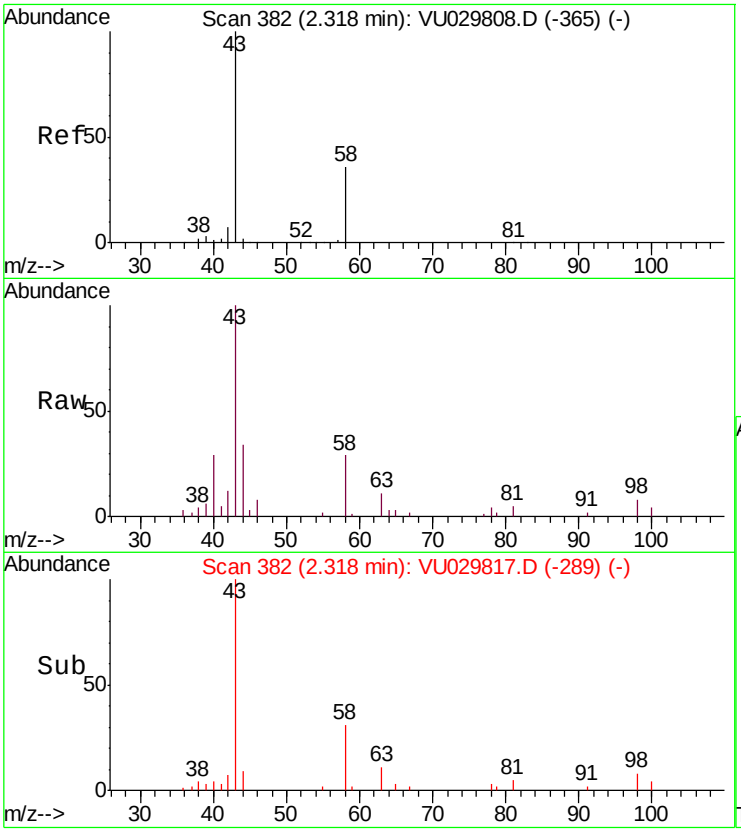


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.635 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Tgt Ion:101 Resp: 2175

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



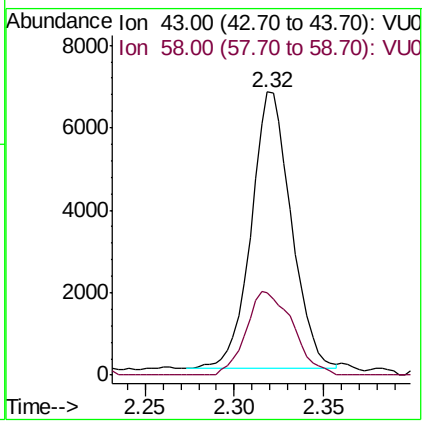


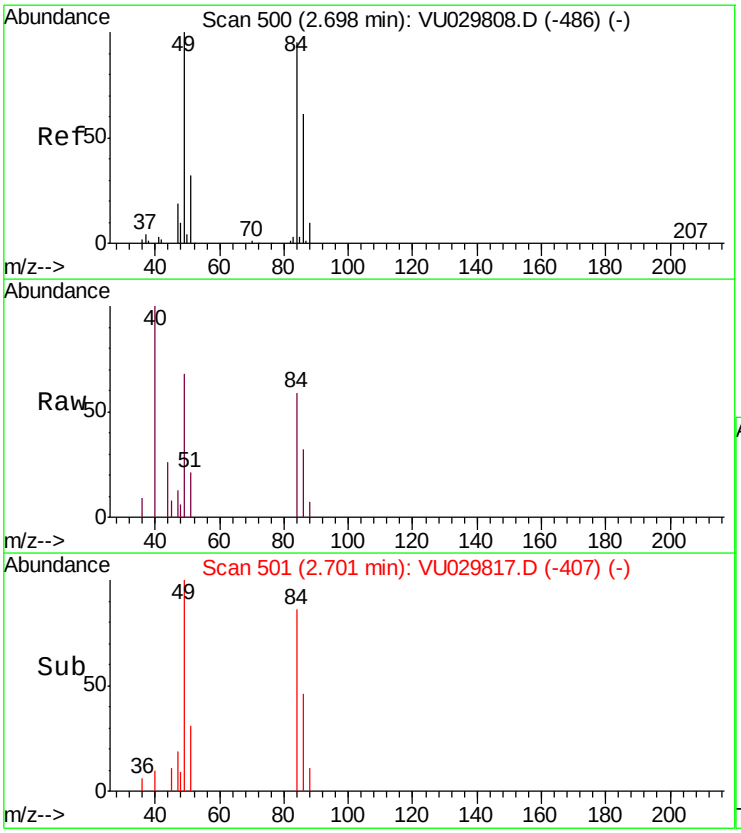
#13
Acetone
Concen: 4.504 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :
BF1G4

Tgt Ion: 43 Resp: 10561

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	66.8

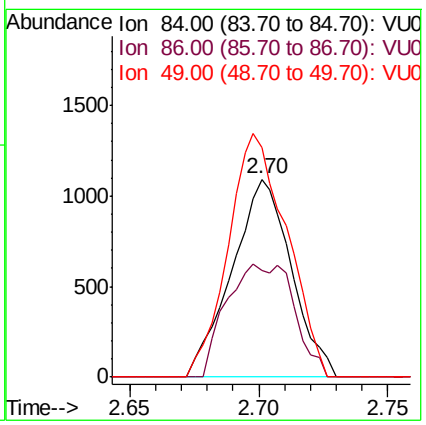


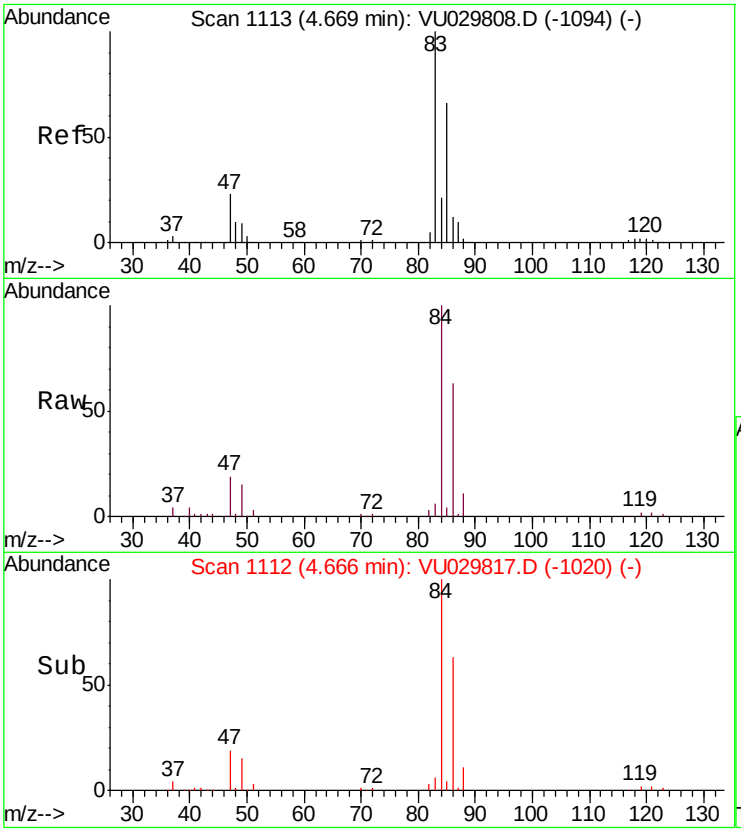


#16
Methylene chloride
Concen: 0.557 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Tgt Ion: 84 Resp: 1756

Ion	Ratio	Lower	Upper
84	100		
86	53.6	45.8	85.0
49	115.6	75.1	139.5



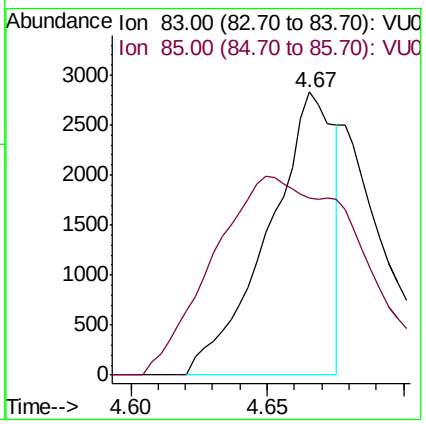


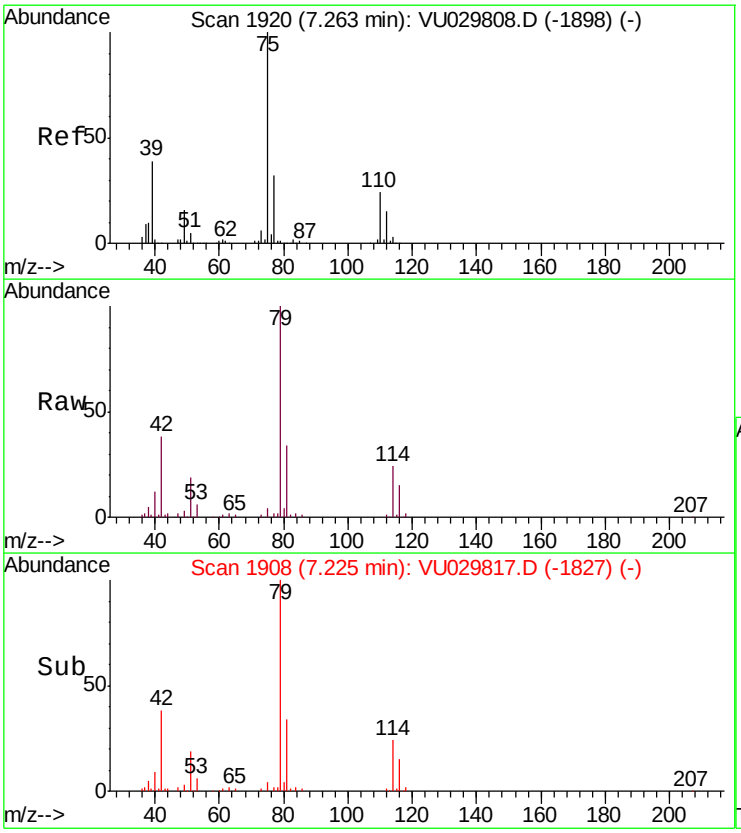
#25
Chloroform
Concen: 0.815 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :
BF1G4

Tgt Ion: 83 Resp: 4731

Ion	Ratio	Lower	Upper
83	100		
85	62.4	45.4	84.2

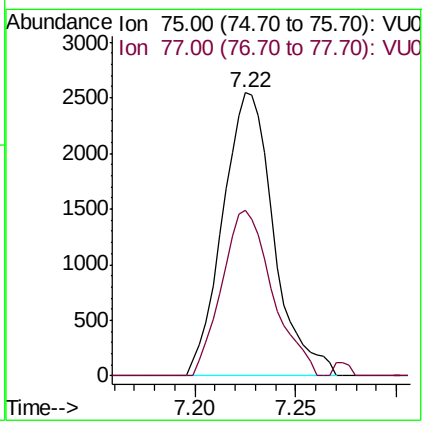


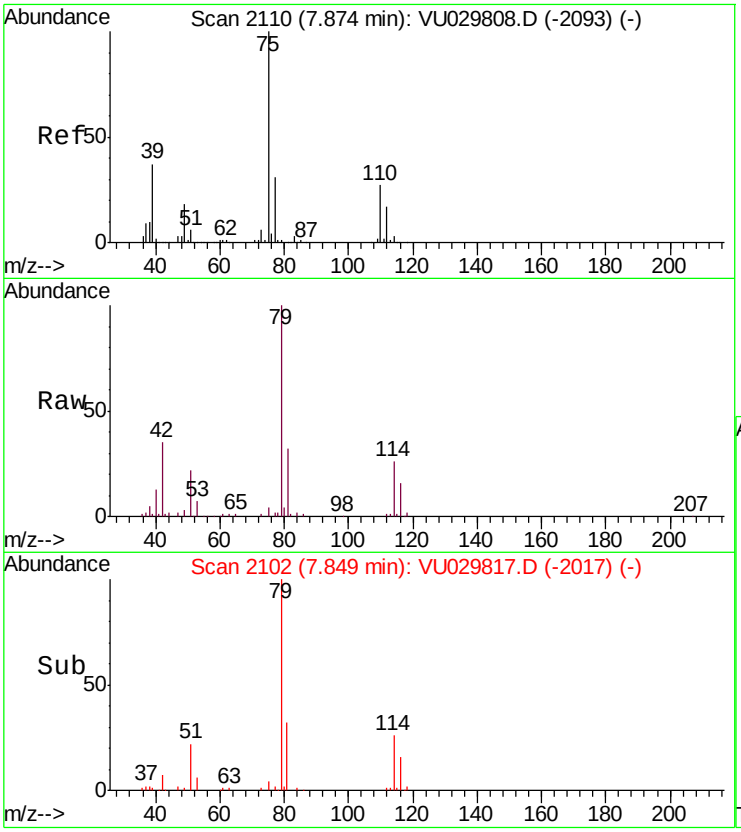


#39
cis-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Tgt Ion: 75 Resp: 4515

Ion	Ratio	Lower	Upper
75	100		
77	58.5	22.3	41.5#



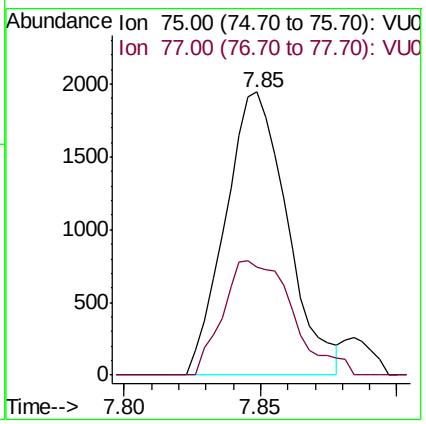


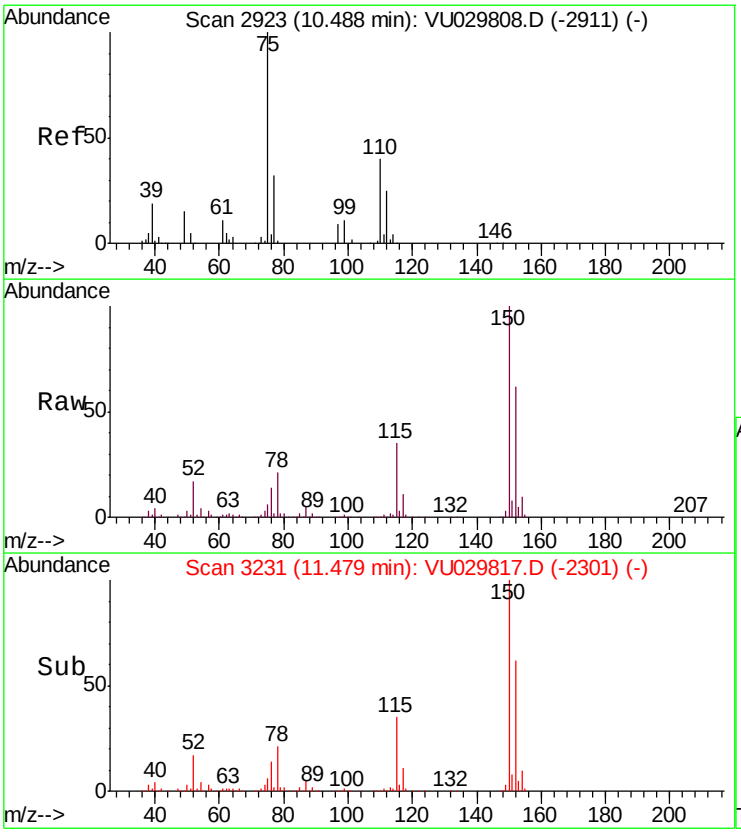
#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :
BF1G4

Tgt Ion: 75 Resp: 3066

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 4.953 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029817.D
Acq: 05 Mar 2019 12:55

Tgt Ion: 75 Resp: 22786

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.7	38.5