Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

Quantitation Report (Not Reviewed)

Data File : VU029789.D
Acq On : 04 Mar 2019 17:40
Operator : JC/SP
Sample : K1721-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF8C2

Quant Time: Mar 05 01:31:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228079	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	136934	37.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.46%			
7) Chloroethane-d5	1.68	69	113131	34.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.18%#			
11) 1,1-Dichloroethene-d2	2.27	63	186309	25.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.82%#			
21) 2-Butanone-d5	4.17	46	198865	88.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.84%			
24) Chloroform-d	4.65	84	228283	38.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.52%			
26) 1,2-Dichloroethane-d4	5.31	65	146806	38.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.72%			
32) Benzene-d6	5.34	84	507458	41.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.32%			
36) 1,2-Dichloropropane-d6	6.33	67	155316	42.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.76%			
41) Toluene-d8	7.56	98	470719	37.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.72%#			
43) trans-1,3-Dichloropropene-	7.85	79	69457	35.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.46%			
47) 2-Hexanone-d5	8.31	63	157142	76.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.99%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	229455	37.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 74.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	191537	38.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.94%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2045	0.585	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1894	0.570	ug/L #	1
13) Acetone	2.32	43	1318	0.551	ug/L	94
25) Chloroform	4.67	83	3324	0.562	ug/L	78
44) trans-1,3-Dichloropropene	7.85	75	2819	0.569	ug/L	91
48) 2-Hexanone	8.31	43	15971	3.990	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	22667	4.879	ug/L	94

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

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BF8C2

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Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
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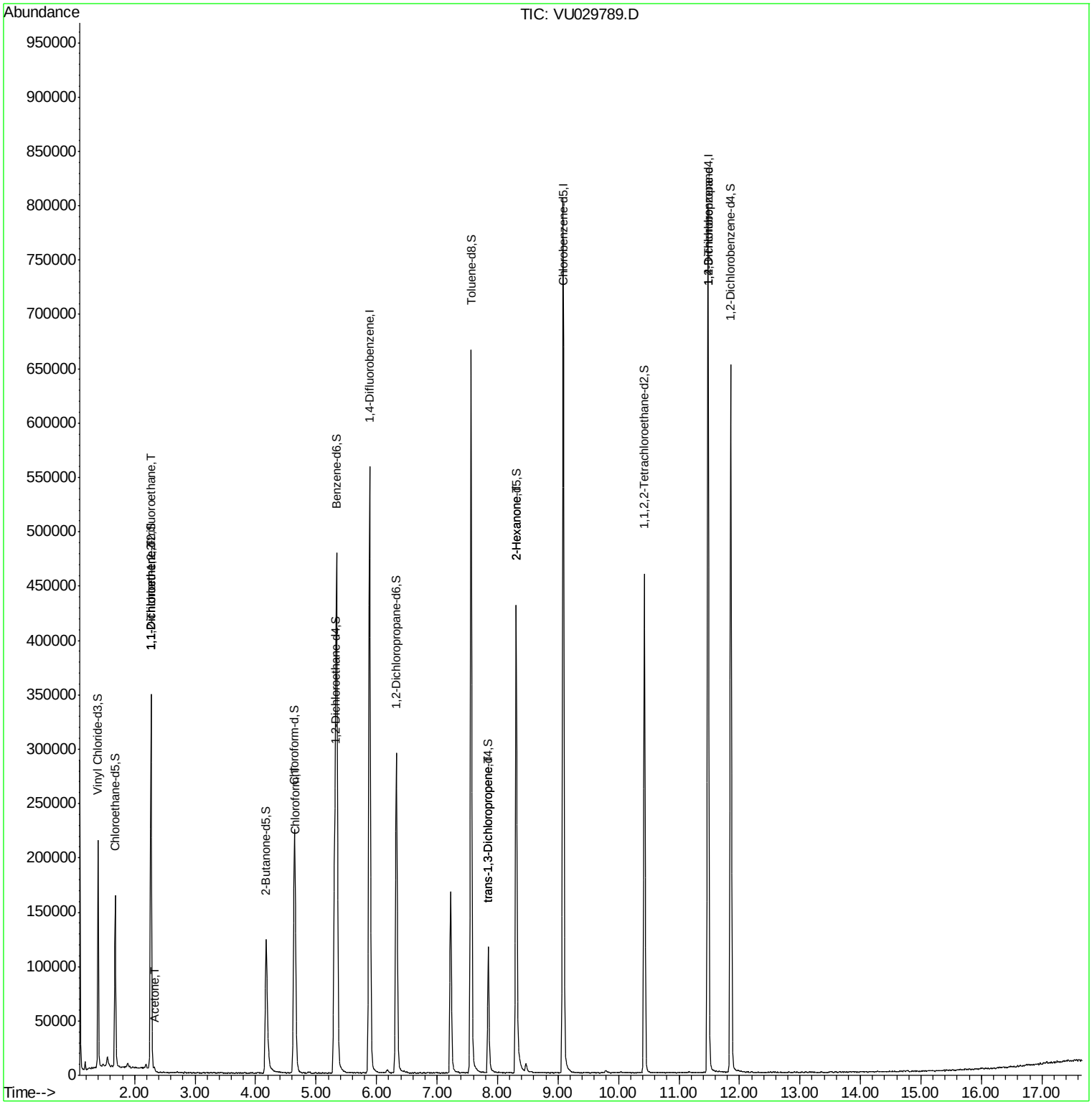
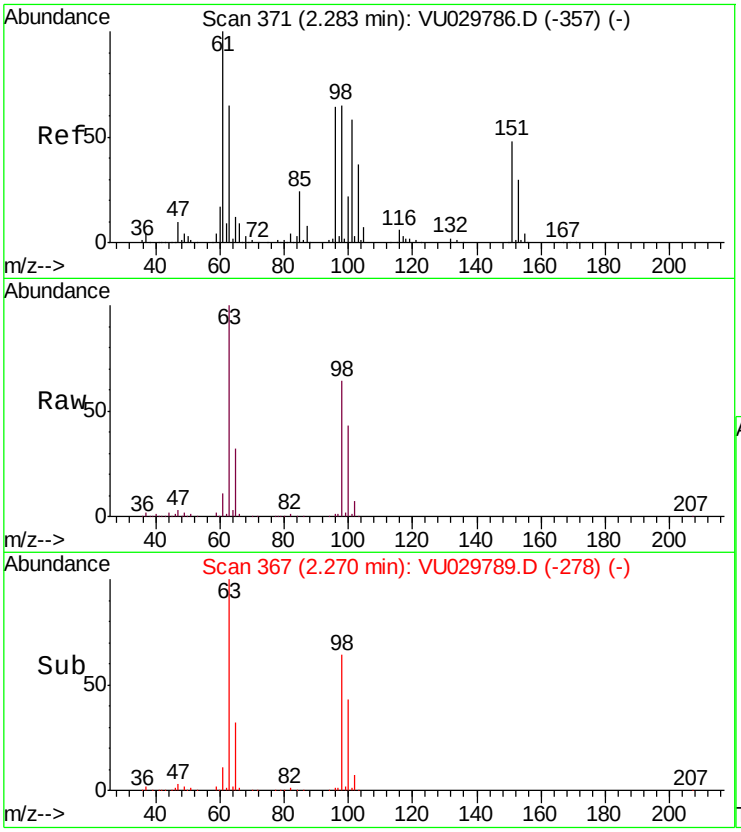


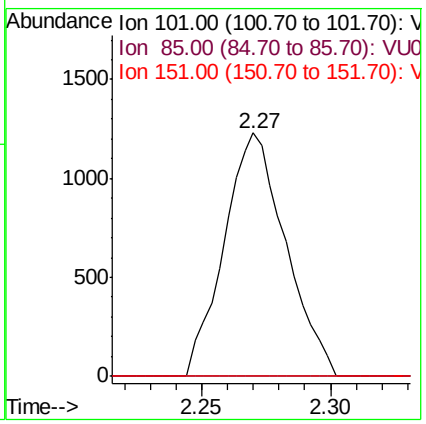


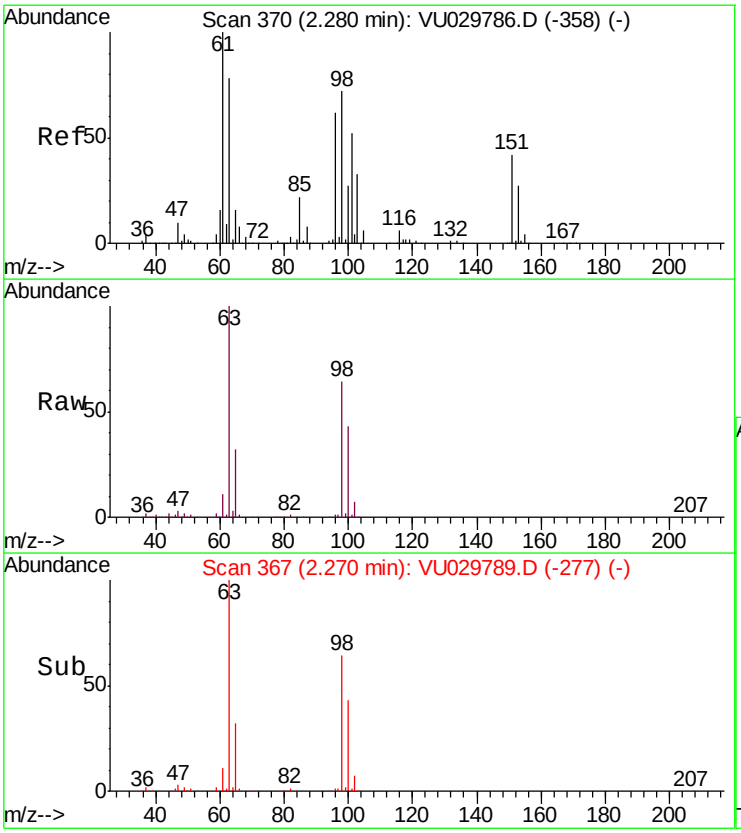
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.585 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Instrument :
MSVOA_U
ClientSampleId :
BF8C2

Tgt Ion:101 Resp: 2045

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

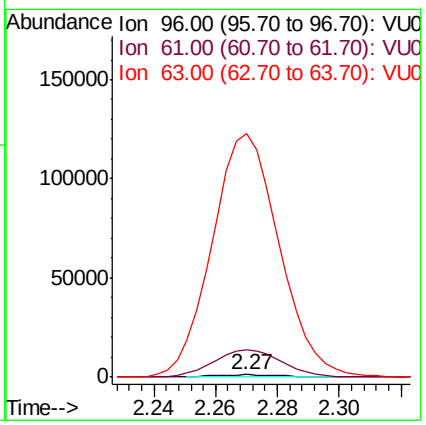


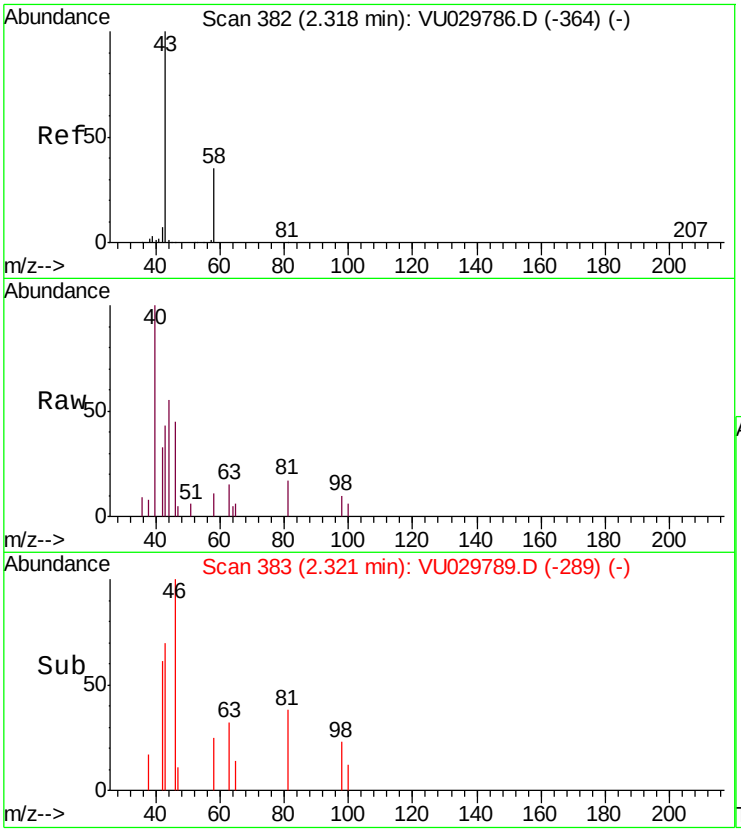


#12
1,1-Dichloroethene
Concen: 0.570 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Tgt Ion: 96 Resp: 1894

Ion	Ratio	Lower	Upper
96	100		
61	1171.2	114.0	211.8#
63	10363.5	98.7	183.3#



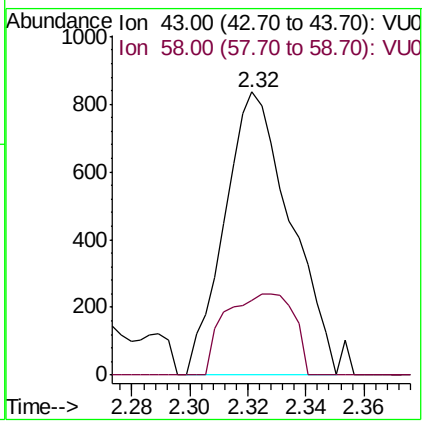


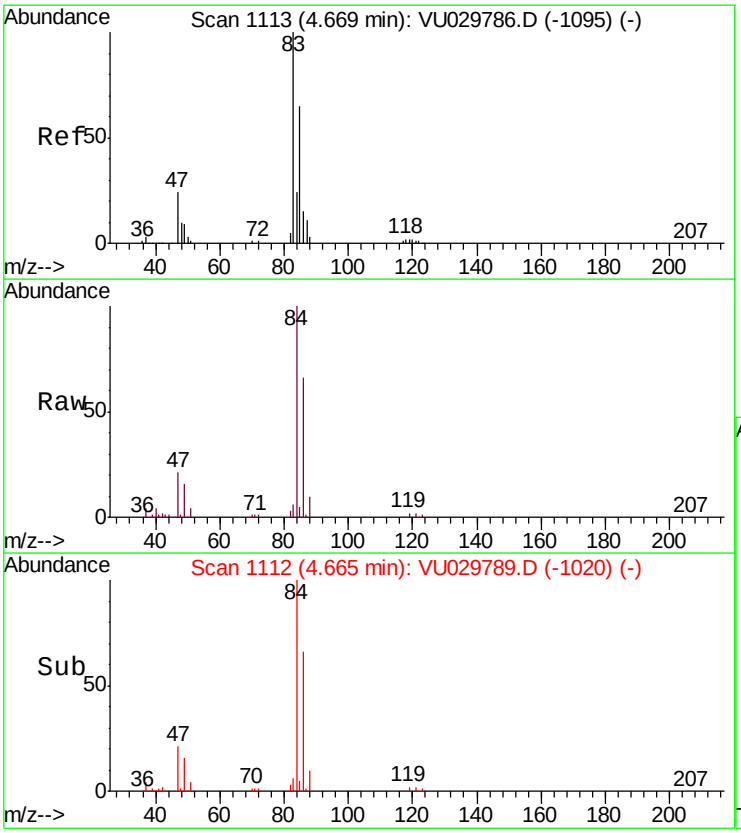
#13
Acetone
Concen: 0.551 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Instrument : MSVOA_U
ClientSampleId : BF8C2

Tgt Ion: 43 Resp: 1318

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	66.8

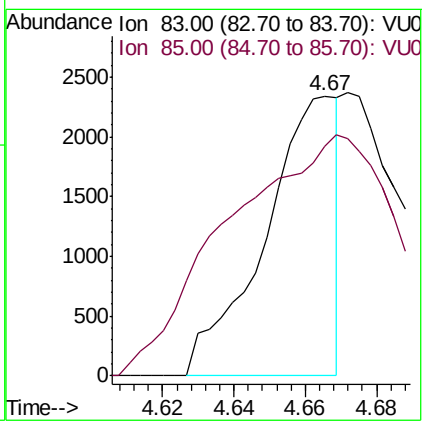


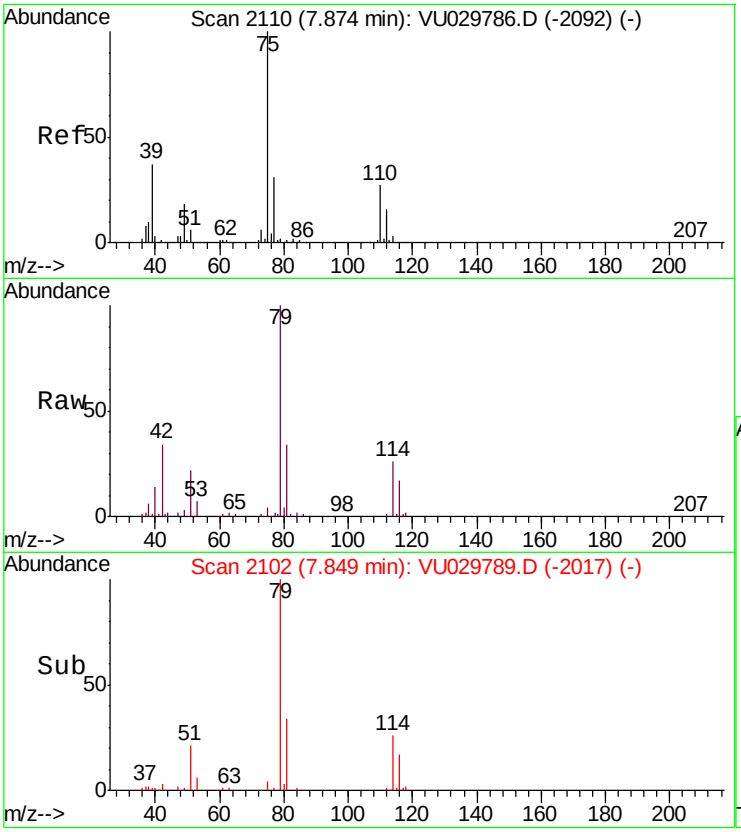


#25
Chloroform
Concen: 0.562 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Tgt Ion: 83 Resp: 3324

Ion	Ratio	Lower	Upper
83	100		
85	82.2	45.4	84.2



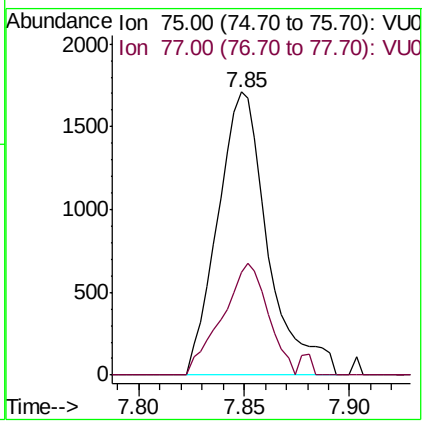


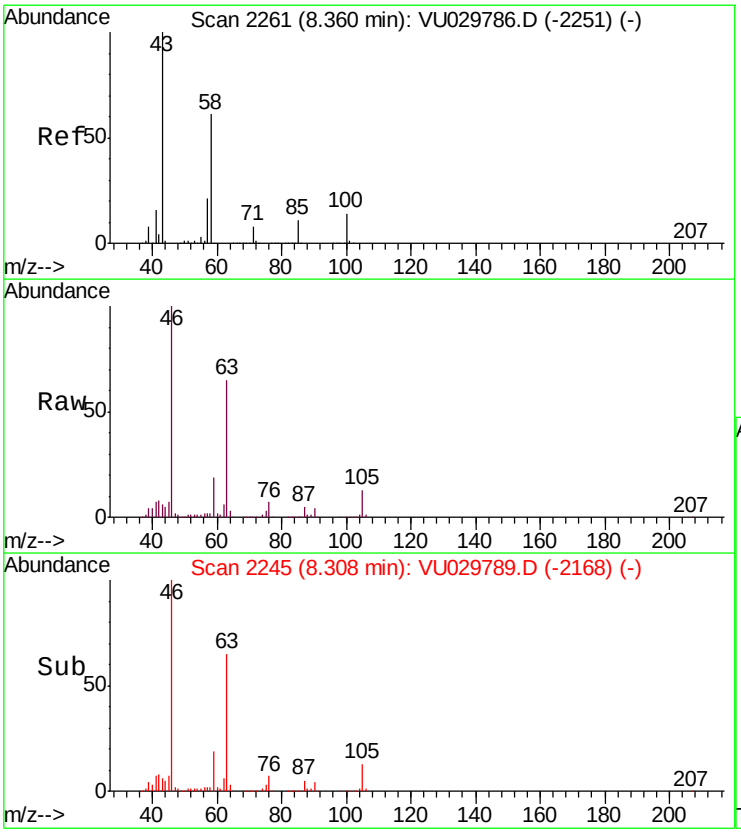
#44
trans-1,3-Dichloropropene
Concen: 0.569 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Instrument :
MSVOA_U
ClientSampleId :
BF8C2

Tgt Ion: 75 Resp: 2819

Ion	Ratio	Lower	Upper
75	100		
77	36.3	22.1	41.1

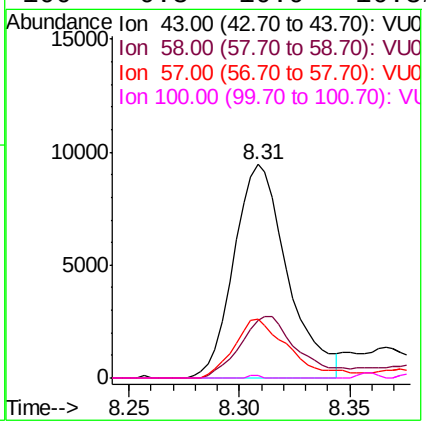


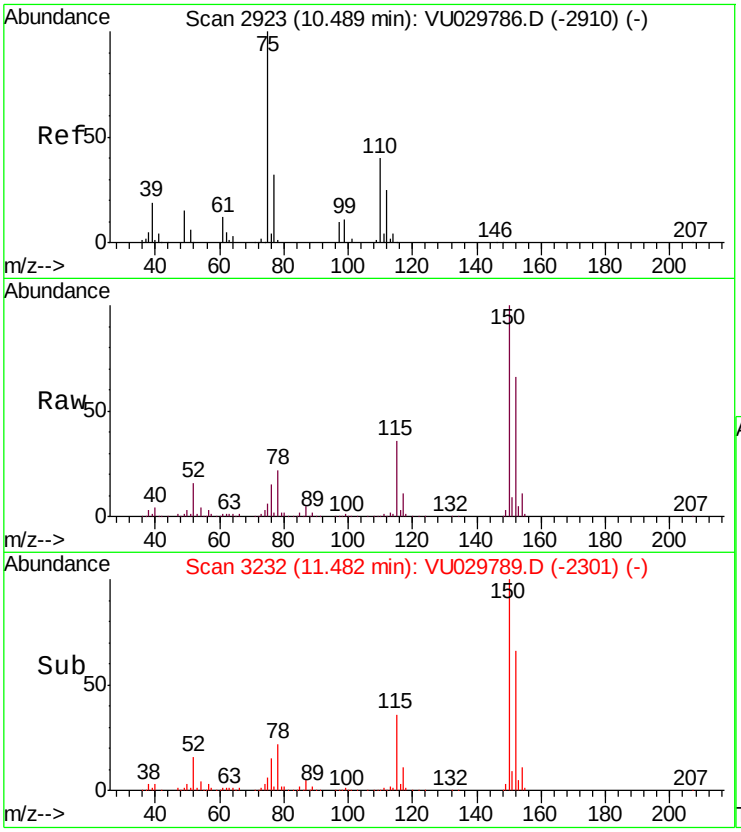


#48
2-Hexanone
Concen: 3.990 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Tgt Ion: 43 Resp: 15971

Ion	Ratio	Lower	Upper
43	100		
58	30.2	46.4	69.6#
57	27.2	15.7	23.5#
100	0.3	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 4.879 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029789.D
Acq: 04 Mar 2019 17:40

Instrument :
MSVOA_U
ClientSampleId :
BF8C2

Tgt Ion: 75 Resp: 22667

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5