Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040119\

Quantitation Report (Not Reviewed)

Data File : VU030599.D
Acq On : 31 Mar 2019 18:44
Operator : JC/SP
Sample : K2166-05ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF107ME

Quant Time: Apr 01 02:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215577	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	141734	37.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.22%			
7) Chloroethane-d5	1.70	69	223	0.07	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.14%#			
11) 1,1-Dichloroethene-d2	2.30	63	472	0.07	ug/L	0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.14%#			
21) 2-Butanone-d5	4.19	46	308526	87.09	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.09%			
24) Chloroform-d	4.64	84	268554	41.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.72%			
26) 1,2-Dichloroethane-d4	5.30	65	193444	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.06%			
32) Benzene-d6	5.33	84	568671	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.48%			
36) 1,2-Dichloropropane-d6	6.32	67	201469	43.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.48%			
41) Toluene-d8	7.56	98	494746	40.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.84%			
43) trans-1,3-Dichloropropene-	7.85	79	89794	41.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.92%			
47) 2-Hexanone-d5	8.32	63	222109	88.98	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312068	47.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	198323	45.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.82%			
Target Compounds						Qvalue
6) Bromomethane	1.60	94	1389	0.553	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2014	0.589	ug/L #	23
12) 1,1-Dichloroethene	2.23	96	1843	0.550	ug/L #	1
25) Chloroform	4.67	83	10149	1.480	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3795	0.662	ug/L #	74
46) Tetrachloroethene	8.22	164	34002	12.391	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	28161	5.101	ug/L	94

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

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Instrument : MSVOA_U
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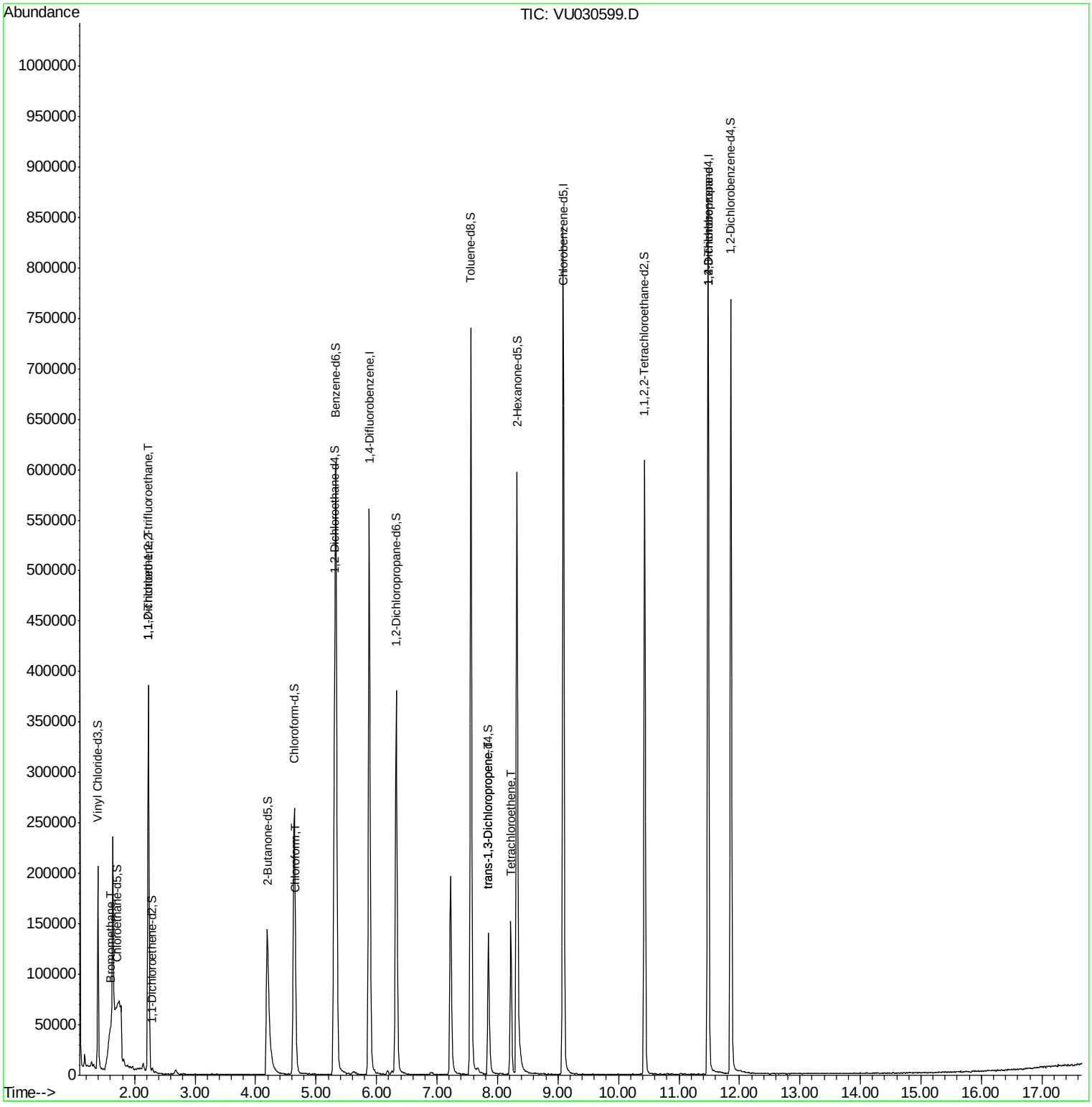
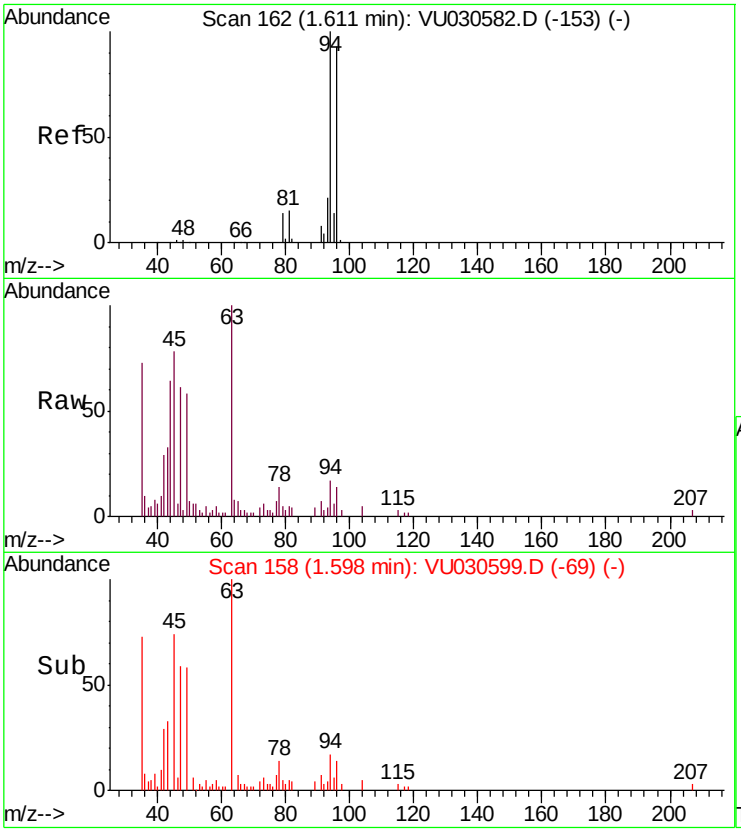
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration



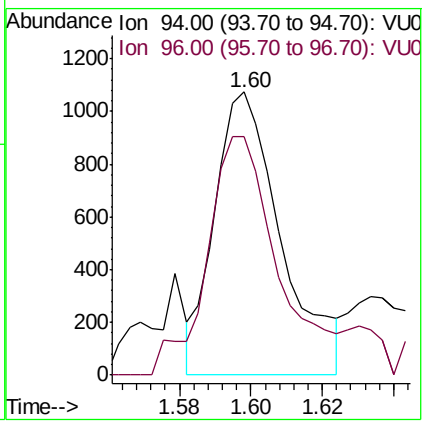


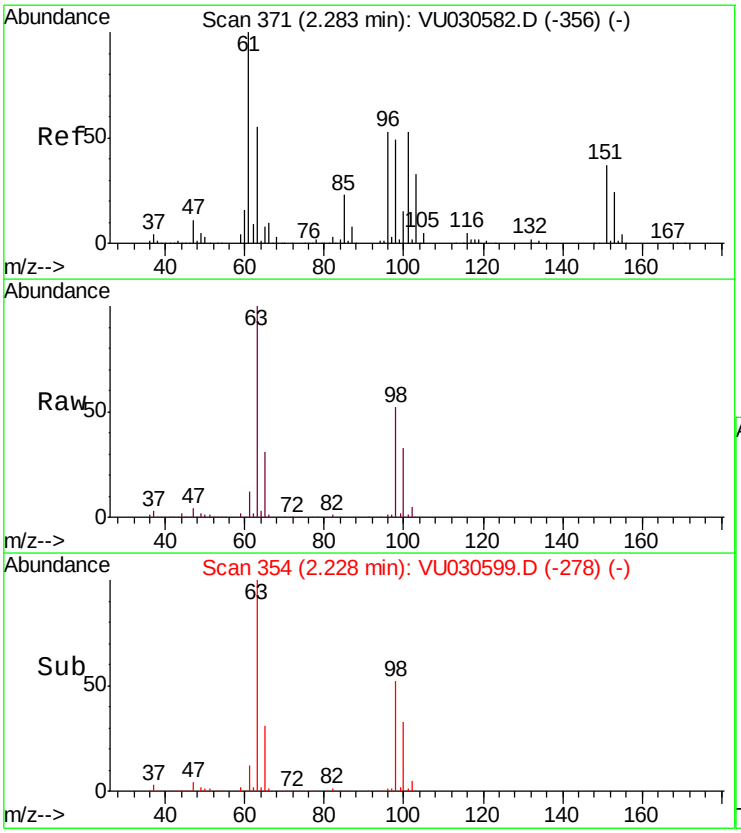
#6
Bromomethane
Concen: 0.553 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.01 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
BF107ME

Tgt Ion: 94 Resp: 1389

Ion	Ratio	Lower	Upper
94	100		
96	84.2	64.8	120.3

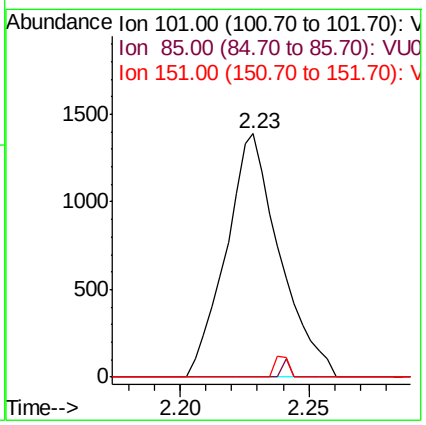


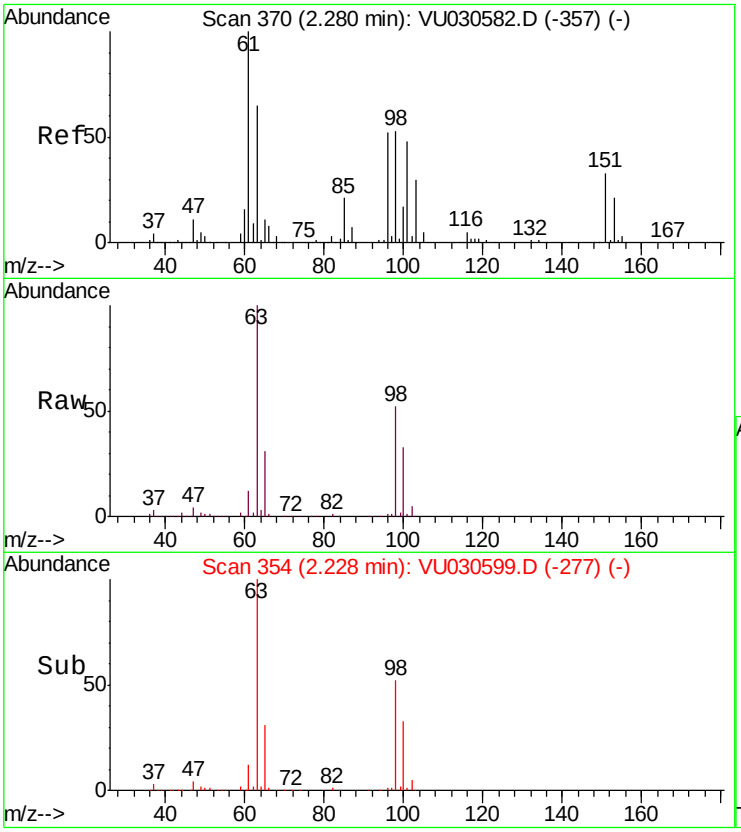


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.589 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.05 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Tgt Ion:101 Resp: 2014

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	2.2	56.6	85.0#



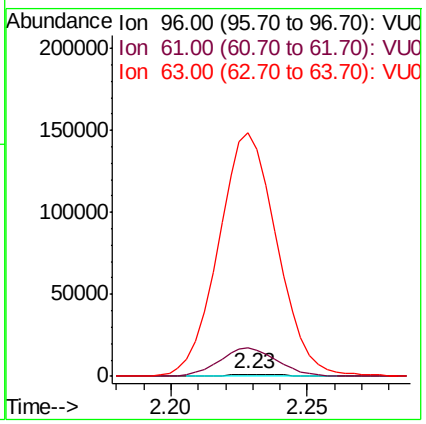


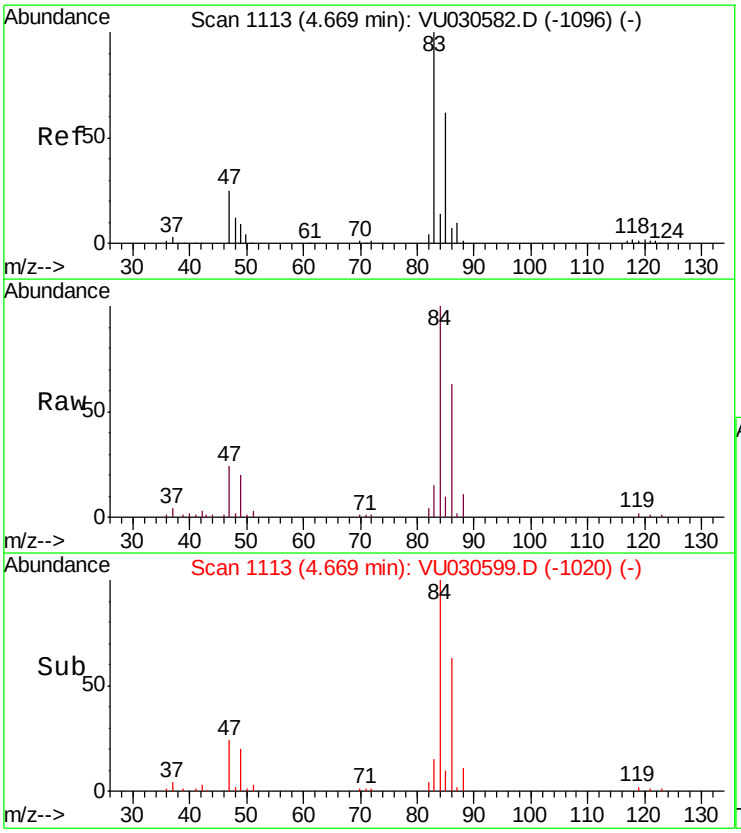
#12
1,1-Dichloroethene
Concen: 0.550 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.05 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Instrument : MSVOA_U
ClientSampleId : BF107ME

Tgt Ion: 96 Resp: 1843

Ion	Ratio	Lower	Upper
96	100		
61	1373.7	131.0	243.4#
63	11770.5	92.4	171.6#

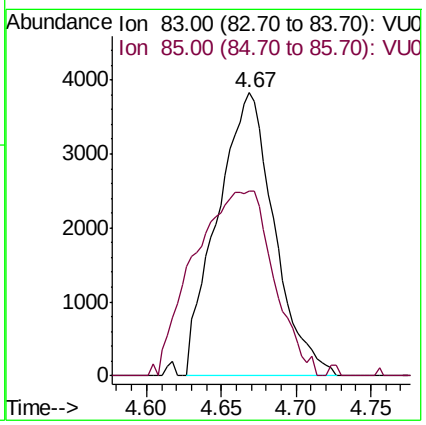


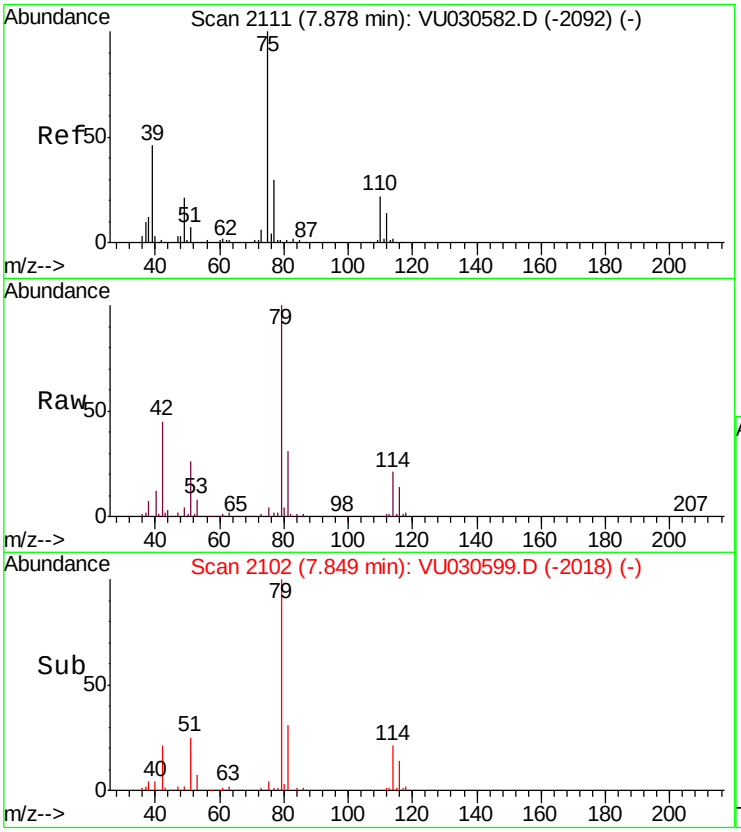


#25
Chloroform
Concen: 1.480 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Tgt Ion: 83 Resp: 10149

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.4	82.4



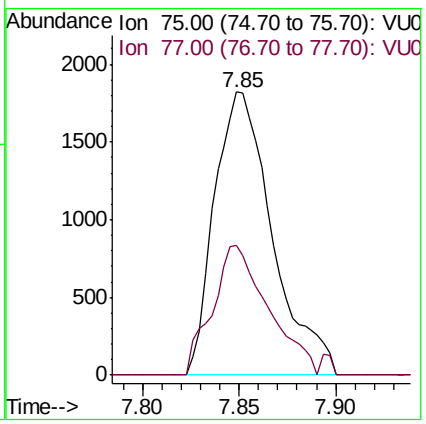


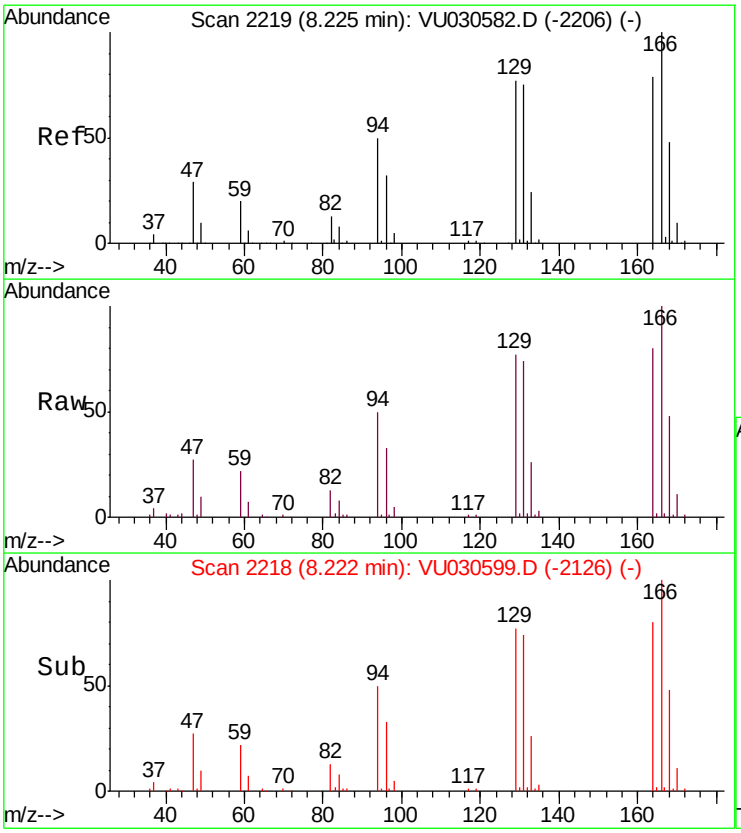
#44
trans-1,3-Dichloropropene
Concen: 0.662 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
BF107ME

Tgt Ion: 75 Resp: 3795

Ion	Ratio	Lower	Upper
75	100		
77	45.7	22.0	40.8#

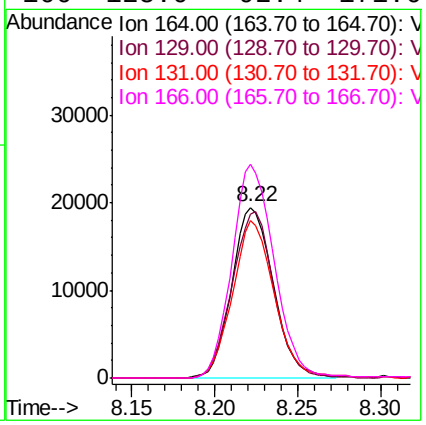


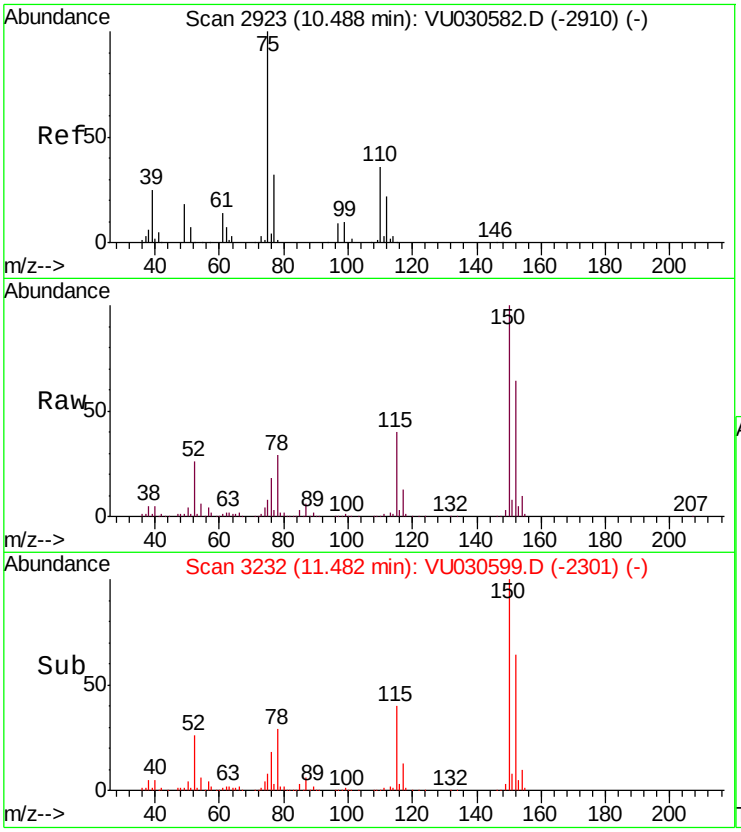


#46
Tetrachloroethene
Concen: 12.391 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Tgt Ion:164 Resp: 34002

Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.1	126.5
131	92.3	67.7	125.7
166	125.0	92.4	171.6





#59
1,2,3-Trichloropropane
Concen: 5.101 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030599.D
Acq: 31 Mar 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
BF107ME

Tgt Ion: 75 Resp: 28161

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.4	38.2