Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Data File : VU030031.D
Acq On : 13 Mar 2019 15:11
Operator : JC/SP
Sample : K1885-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C7

Quant Time: Mar 14 01:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502375	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229376	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	137521	41.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.78%			
7) Chloroethane-d5	1.68	69	120834	45.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.10%			
11) 1,1-Dichloroethene-d2	2.27	63	195480	32.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.18%			
21) 2-Butanone-d5	4.17	46	247369	99.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.36%			
24) Chloroform-d	4.65	84	277993	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%			
26) 1,2-Dichloroethane-d4	5.31	65	167116	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.06%			
32) Benzene-d6	5.34	84	589061	47.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.86%			
36) 1,2-Dichloropropane-d6	6.33	67	187386	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.60%			
41) Toluene-d8	7.56	98	528597	45.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.90%			
43) trans-1,3-Dichloropropene-	7.85	79	81854	44.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.92%			
47) 2-Hexanone-d5	8.31	63	219422	103.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284979	48.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	221201	49.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.56%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2184	0.662	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1889	0.600	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4346	0.769	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	3285	0.637	ug/L	89
46) Tetrachloroethene	8.22	164	178571	56.391	ug/L	97
48) 2-Hexanone	8.31	43	21084	5.040	ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	22562	4.770	ug/L	93

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

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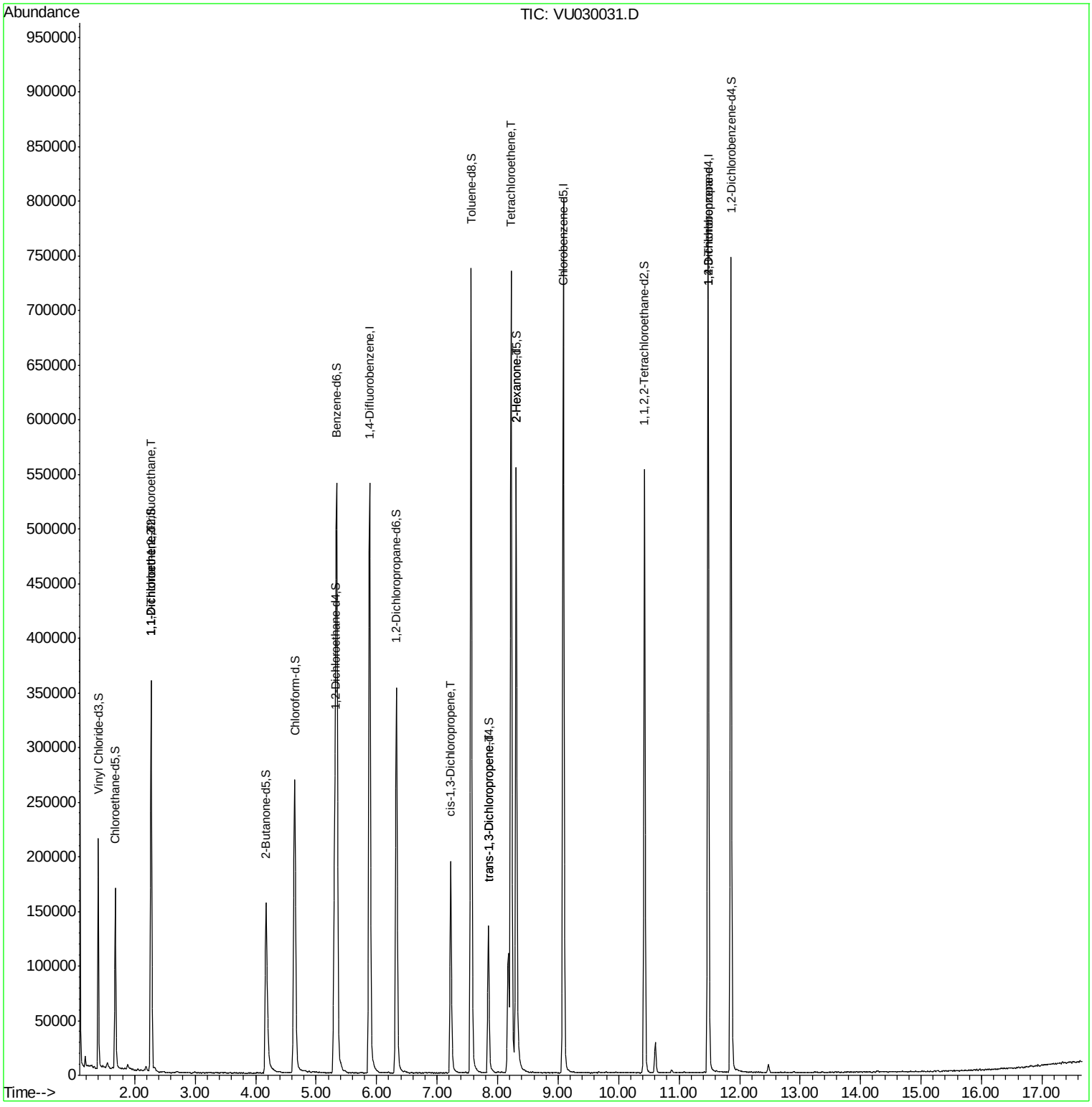
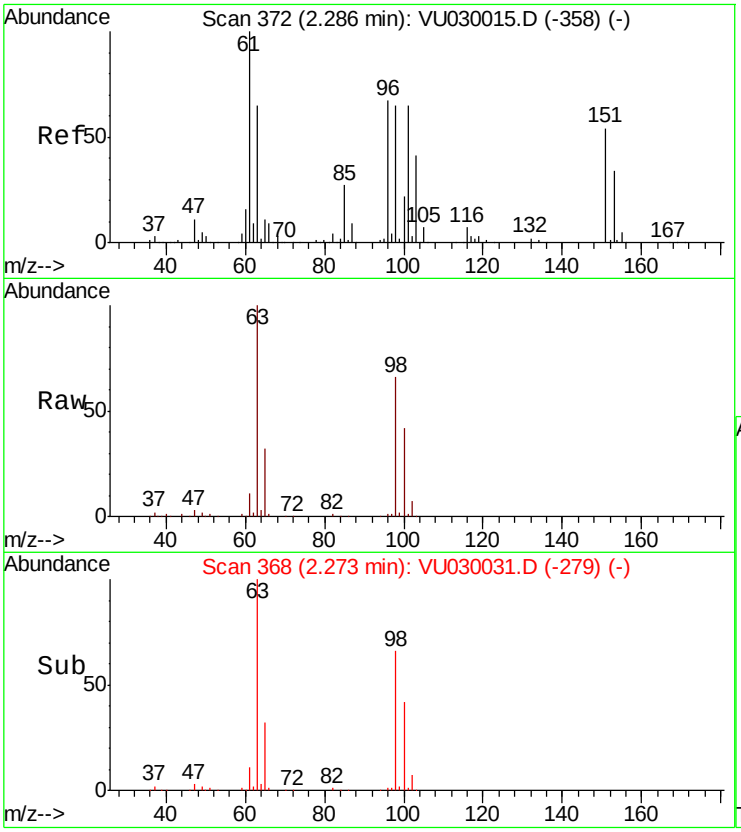
ClientSampleId :
BF1C7

Quant Time: Mar 14 01:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration



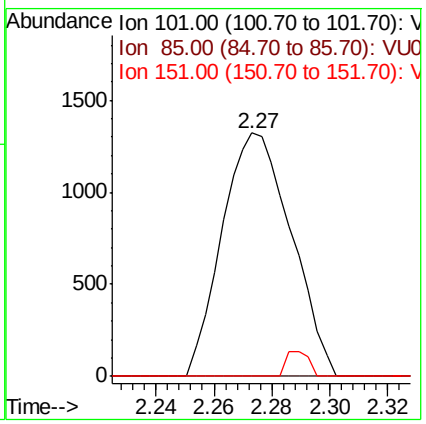


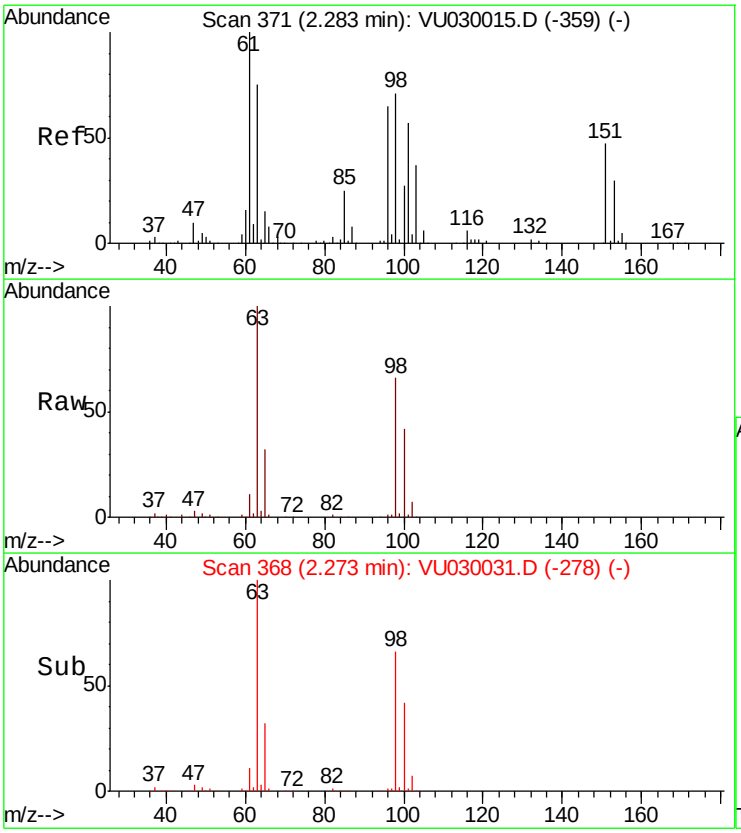
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
BF1C7

Tgt Ion:101 Resp: 2184

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	3.3	66.1	99.1#

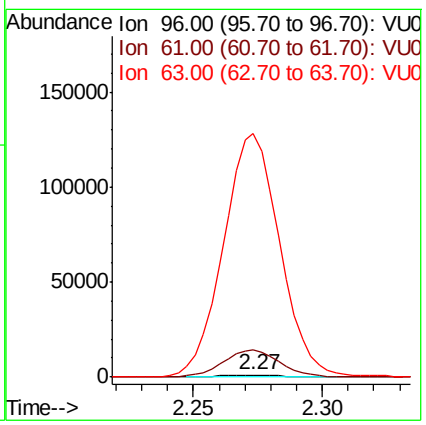


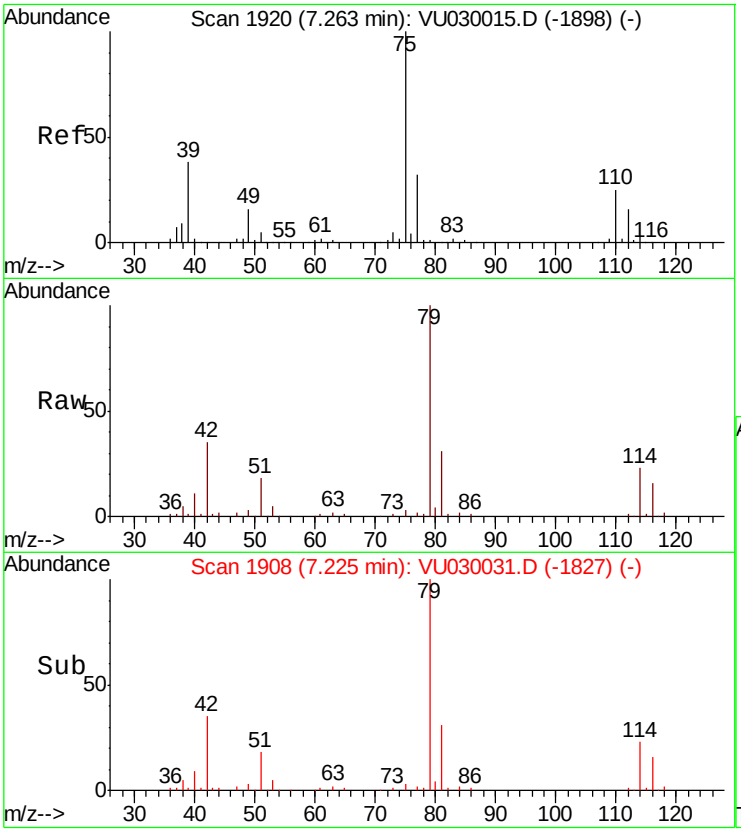


#12
1,1-Dichloroethene
Concen: 0.600 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Tgt Ion: 96 Resp: 1889

Ion	Ratio	Lower	Upper
96	100		
61	1287.2	110.4	205.0#
63	11488.4	86.5	160.7#



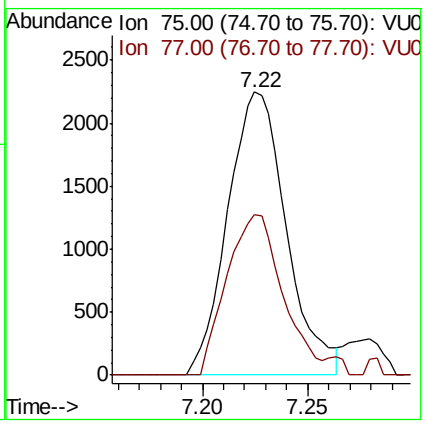


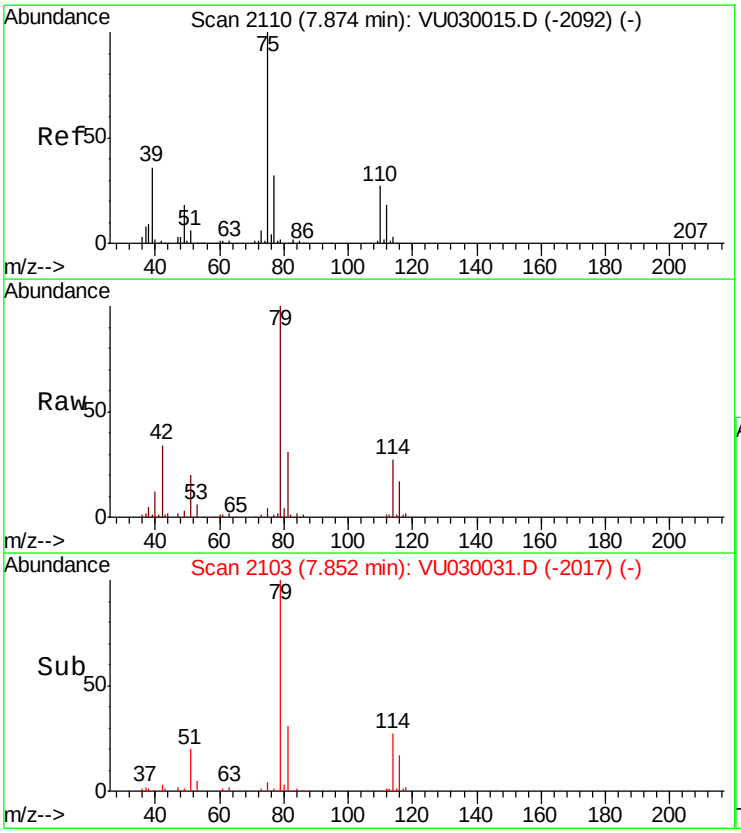
#39
cis-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
BF1C7

Tgt Ion: 75 Resp: 4346

Ion	Ratio	Lower	Upper
75	100		
77	56.8	22.2	41.2#

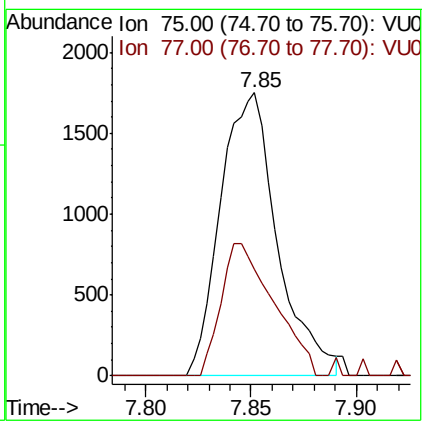


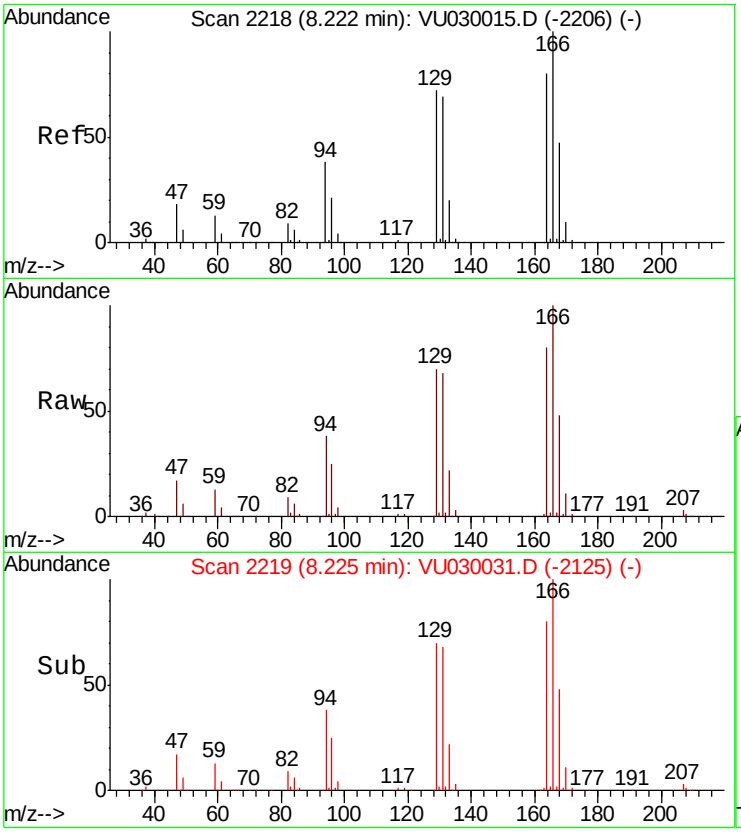


#44
trans-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Tgt Ion: 75 Resp: 3285

Ion	Ratio	Lower	Upper
75	100		
77	37.5	21.9	40.7



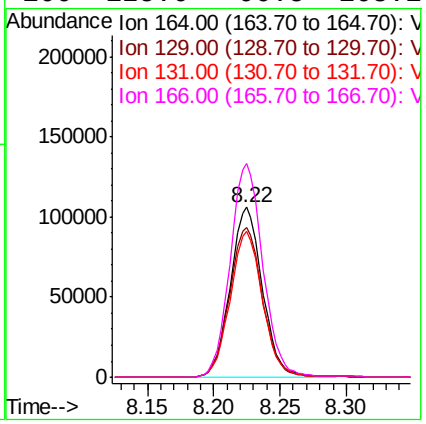


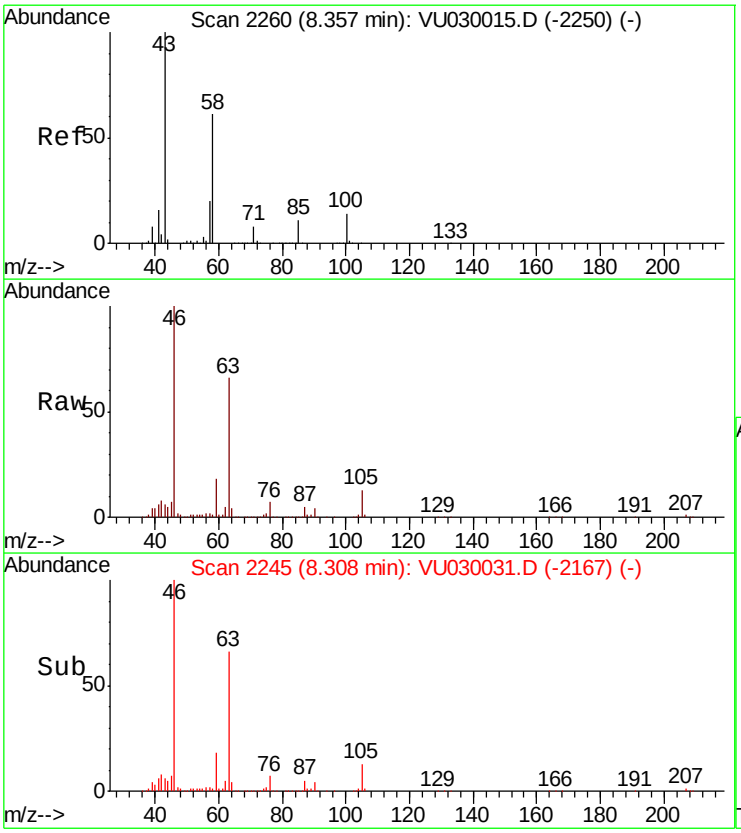
#46
Tetrachloroethene
Concen: 56.391 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Instrument : MSVOA_U
ClientSampleId : BF1C7

Tgt Ion:164 Resp: 178571

Ion	Ratio	Lower	Upper
164	100		
129	88.3	63.3	117.7
131	85.5	62.0	115.2
166	125.6	90.5	168.1

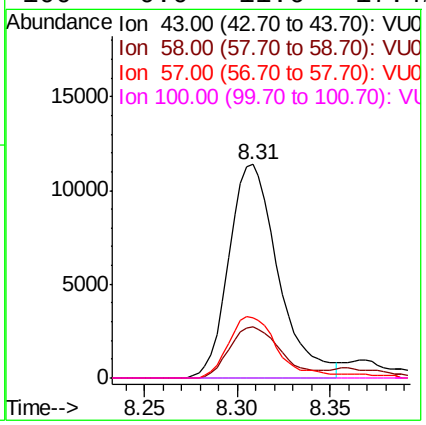


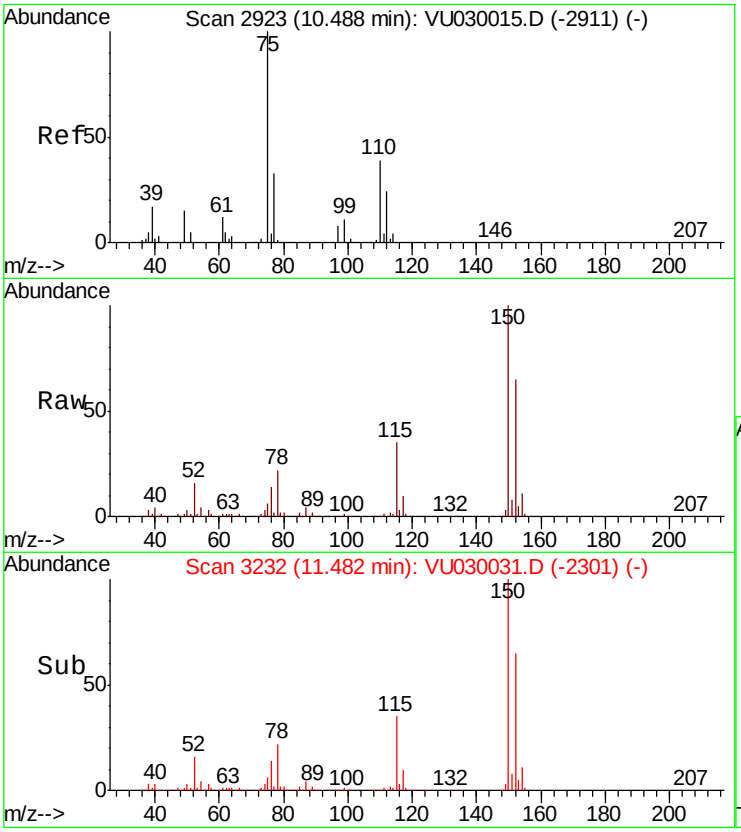


#48
2-Hexanone
Concen: 5.040 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Tgt Ion: 43 Resp: 21084

Ion	Ratio	Lower	Upper
43	100		
58	25.2	48.6	72.8#
57	28.0	16.1	24.1#
100	0.0	11.6	17.4#





#59
1,2,3-Trichloropropane
Concen: 4.770 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030031.D
Acq: 13 Mar 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
BF1C7

Tgt Ion: 75 Resp: 22562

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.8	38.8