Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030419.D
Acq On : 25 Mar 2019 21:52
Operator : JC/SP
Sample : K1988-15ME
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0C6ME

Quant Time: Mar 26 01:32:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	616327	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	605652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277060	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	173567	34.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.98%			
7) Chloroethane-d5	1.64	69	111972	28.48	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 56.96%#			
11) 1,1-Dichloroethene-d2	2.23	63	246712	26.22	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.44%#			
21) 2-Butanone-d5	4.19	46	306921	65.82	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 65.82%			
24) Chloroform-d	4.64	84	285830	33.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.90%#			
26) 1,2-Dichloroethane-d4	5.30	65	196516	35.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.28%			
32) Benzene-d6	5.33	84	612440	35.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.52%			
36) 1,2-Dichloropropane-d6	6.32	67	212484	35.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 71.52%			
41) Toluene-d8	7.56	98	527673	33.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.66%#			
43) trans-1,3-Dichloropropene-	7.85	79	91581	32.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.54%			
47) 2-Hexanone-d5	8.32	63	227907	70.77	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.77%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313078	36.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 73.64%			
64) 1,2-Dichlorobenzene-d4	11.86	152	201224	36.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.50%#			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	37939	7.486	ug/L	97
46) Tetrachloroethene	8.22	164	1574	0.445	ug/L	91
48) 2-Hexanone	8.32	43	27731	3.443	ug/L #	69
51) Chlorobenzene	9.12	112	7874	0.607	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	37590	5.278	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	7231	0.775	ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	6150	0.671	ug/L #	91

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

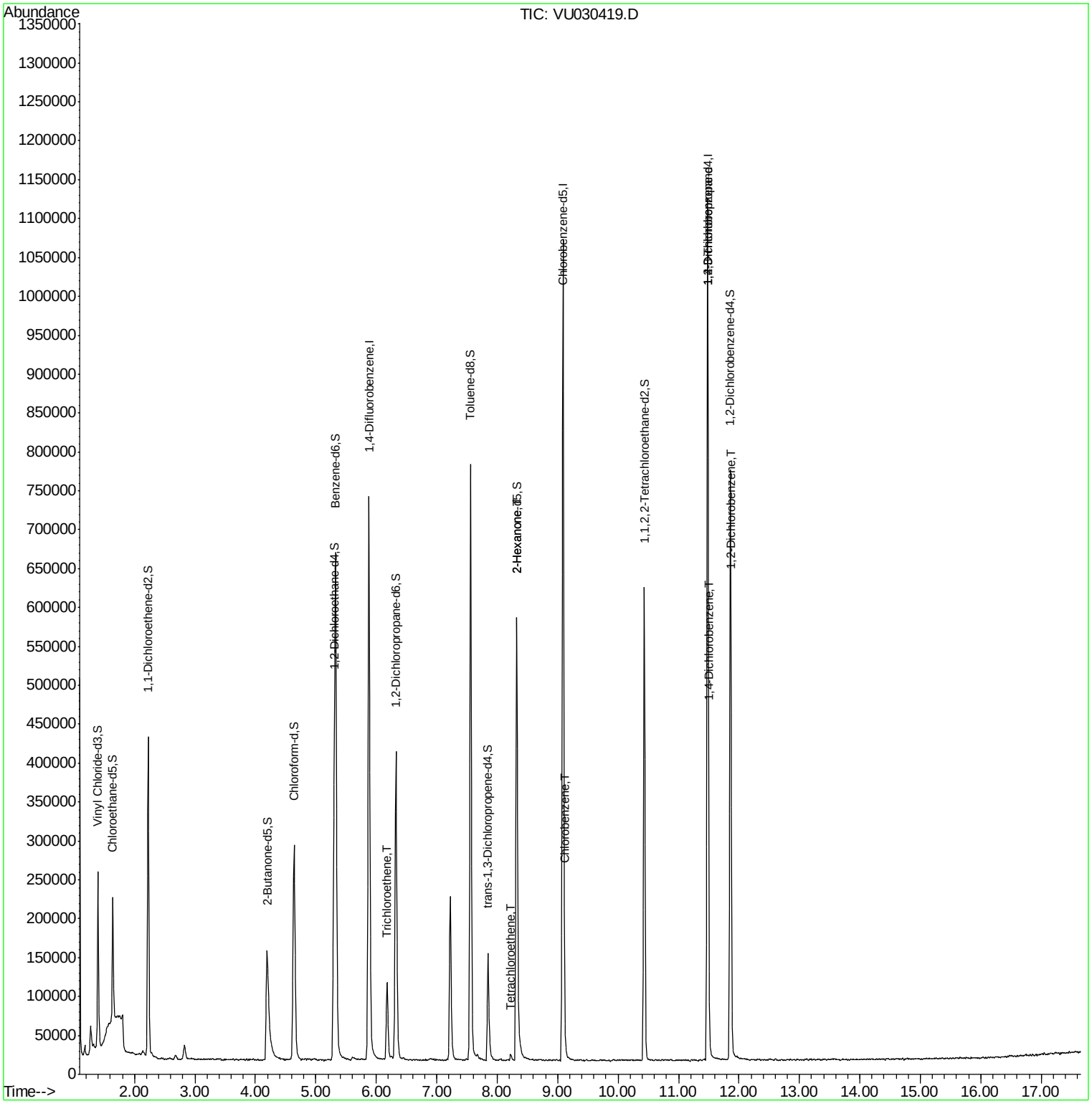
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

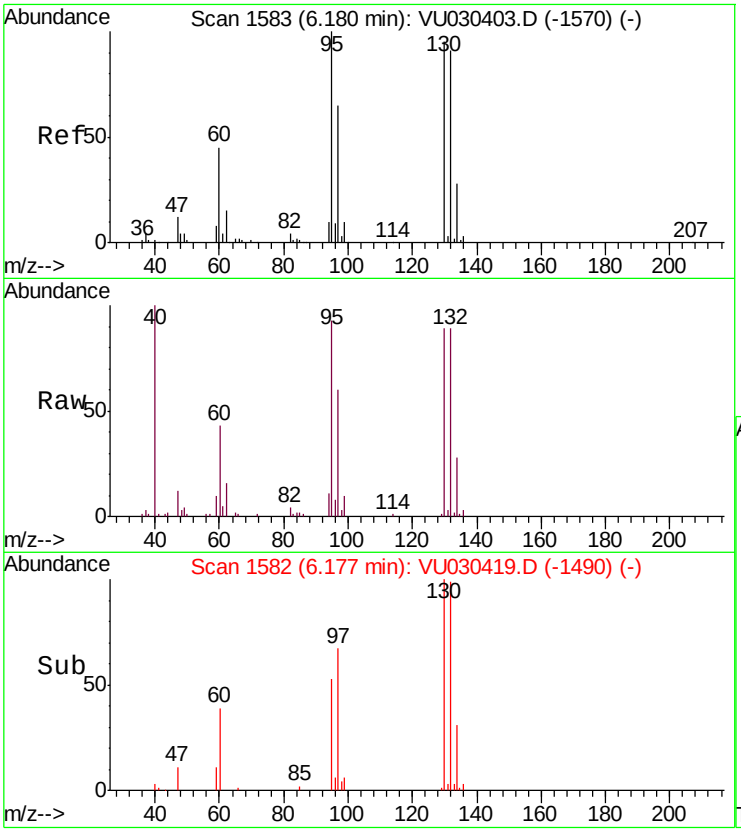
Quantitation Report (Not Reviewed)

Data File : VU030419.D
Acq On : 25 Mar 2019 21:52
Operator : JC/SP
Sample : K1988-15ME
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0C6ME

Quant Time: Mar 26 01:32:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



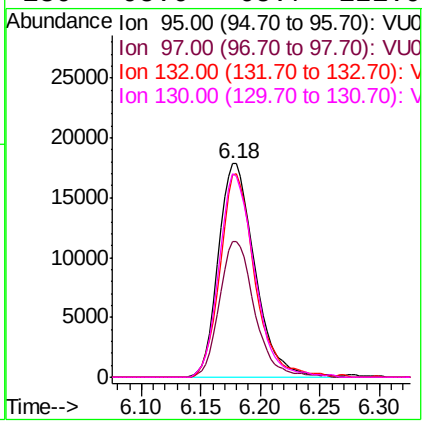


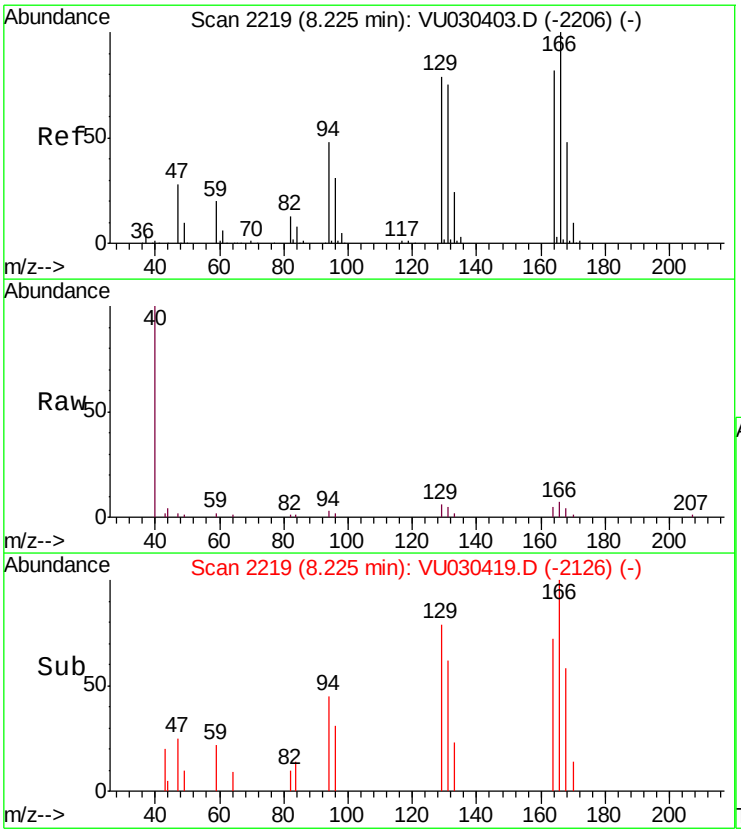
#34
Trichloroethene
Concen: 7.486 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
BF0C6ME

Tgt Ion: 95 Resp: 37939

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.7	84.9
132	94.8	63.8	118.4
130	95.6	65.7	121.9

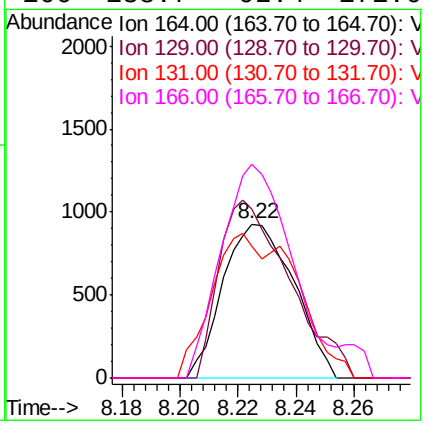


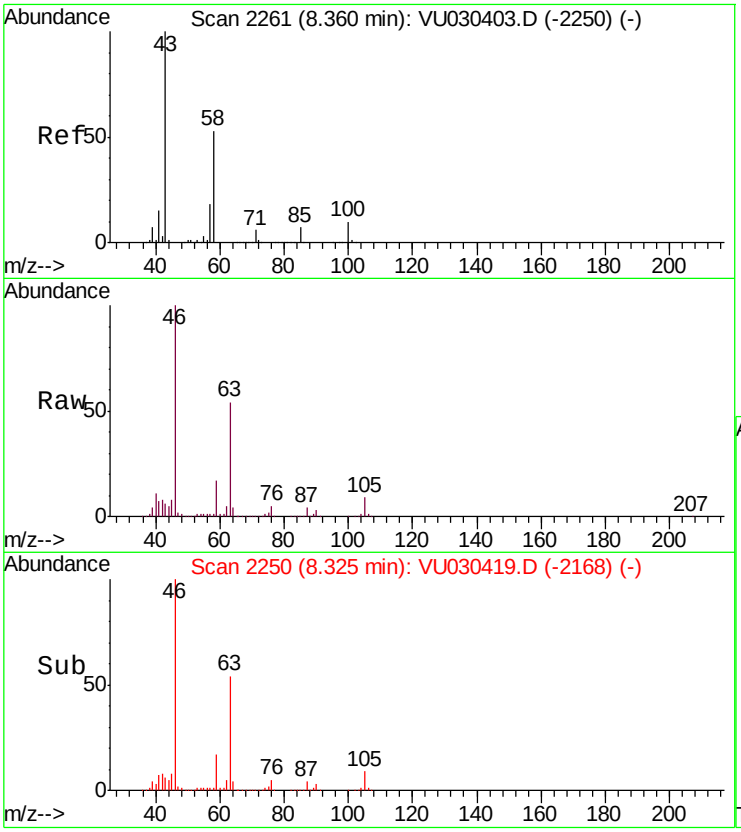


#46
Tetrachloroethene
Concen: 0.445 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Tgt Ion:164 Resp: 1574

Ion	Ratio	Lower	Upper
164	100		
129	109.9	68.1	126.5
131	85.7	67.7	125.7
166	138.7	92.4	171.6



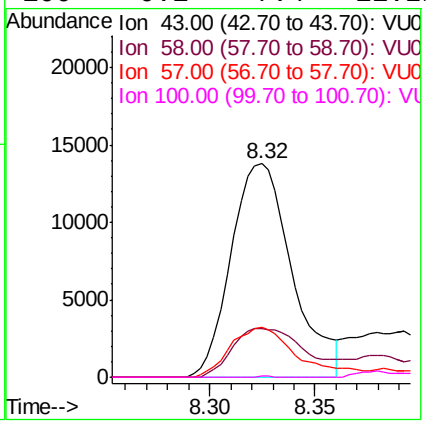


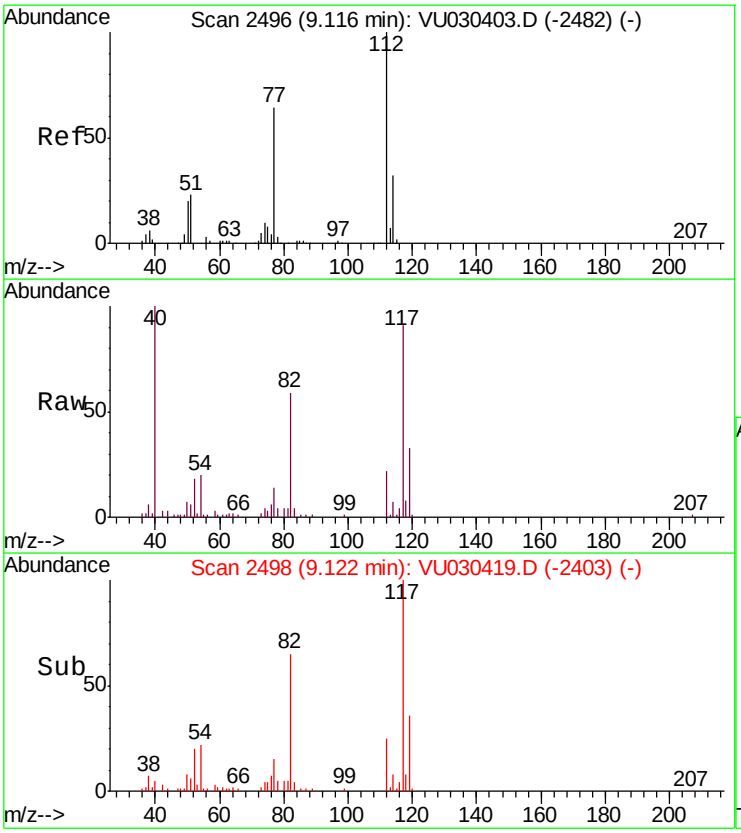
#48
2-Hexanone
Concen: 3.443 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Instrument : MSVOA_U
ClientSampleId : BF0C6ME

Tgt Ion: 43 Resp: 27731

Ion	Ratio	Lower	Upper
43	100		
58	26.3	42.5	63.7#
57	26.0	15.0	22.6#
100	0.1	7.4	11.2#

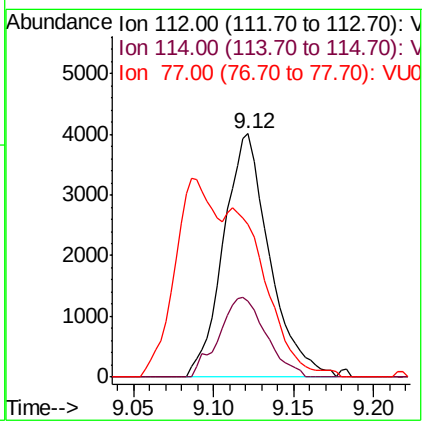


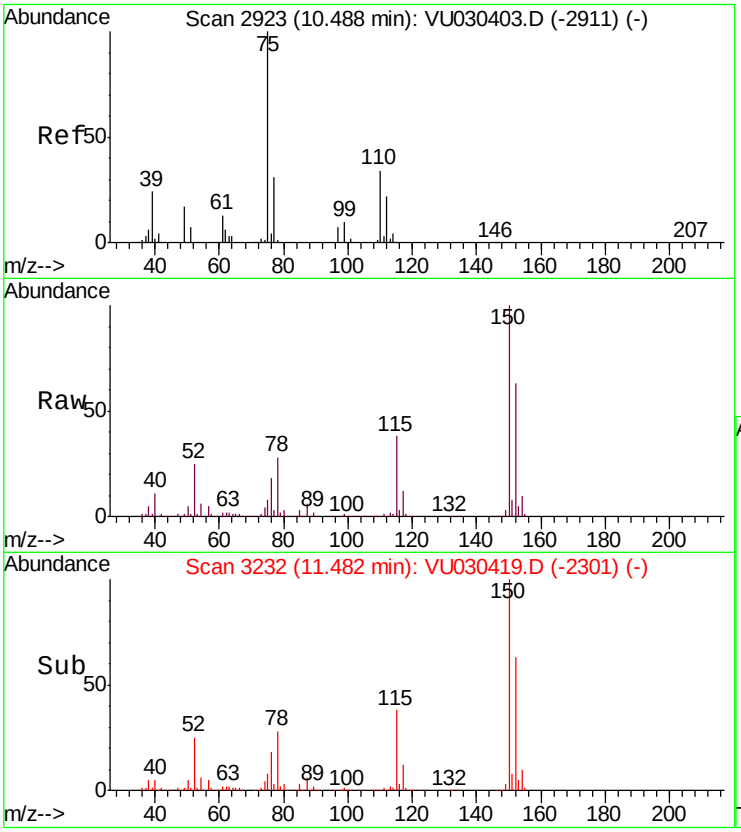


#51
Chlorobenzene
Concen: 0.607 ug/L
RT: 9.12 min Scan# 2498
Delta R.T. 0.01 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Tgt Ion:112 Resp: 7874

Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.5	39.9
77	62.9	51.4	77.0



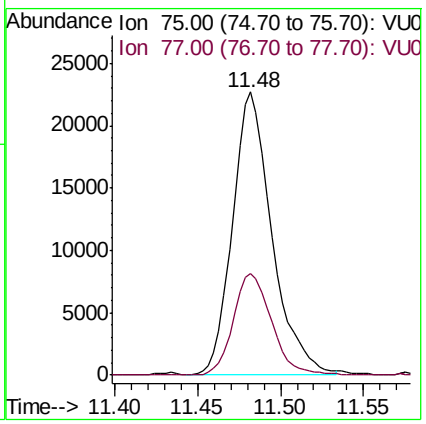


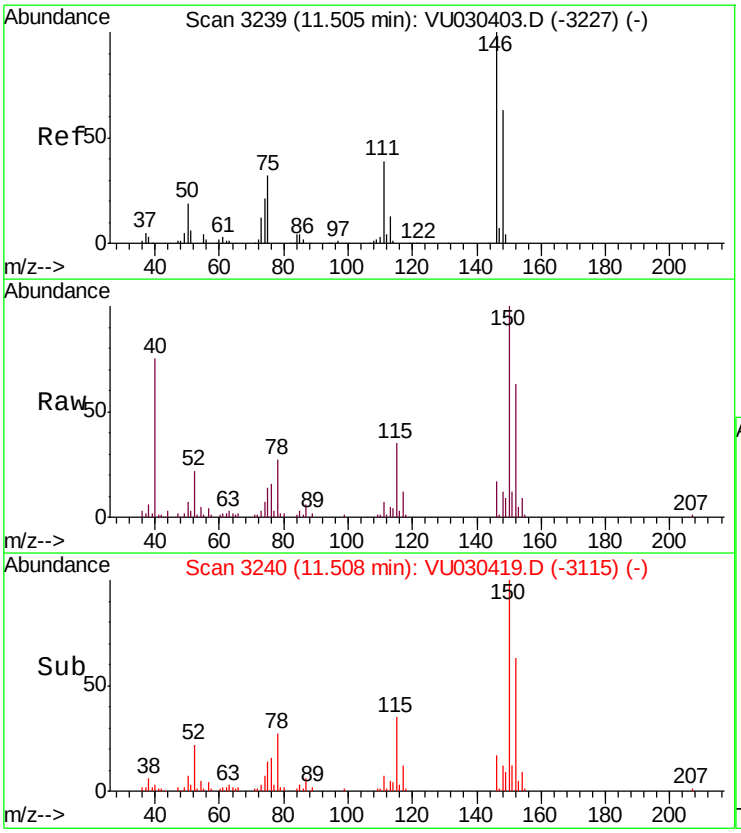
#59
1,2,3-Trichloropropane
Concen: 5.278 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Instrument : MSVOA_U
ClientSampleId : BF0C6ME

Tgt Ion: 75 Resp: 37590

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.2

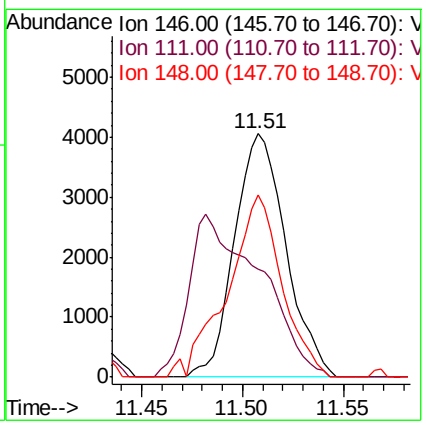


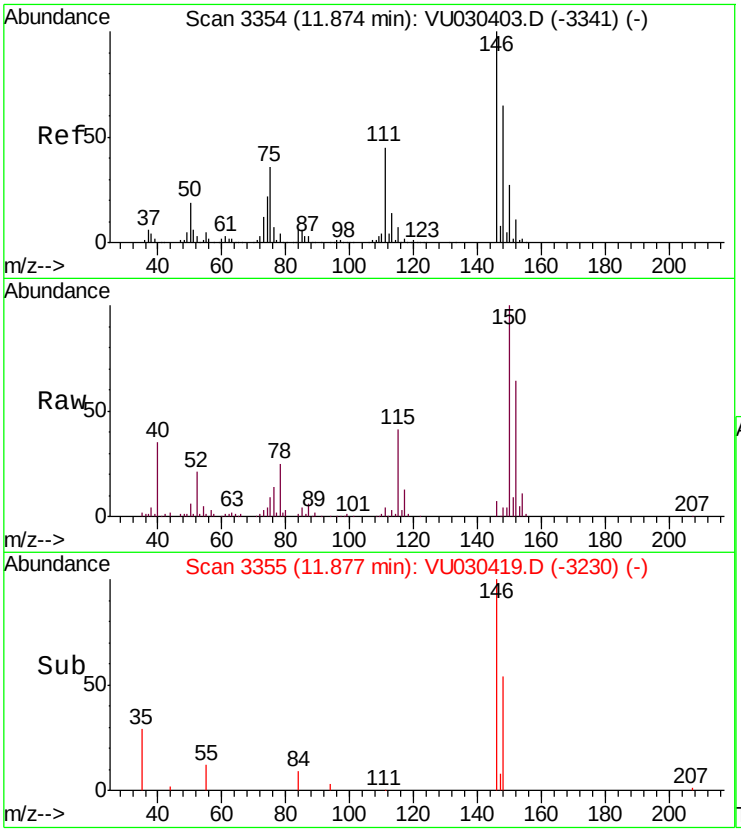


#63
1,4-Dichlorobenzene
Concen: 0.775 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Tgt Ion:146 Resp: 7231

Ion	Ratio	Lower	Upper
146	100		
111	44.3	28.7	53.3
148	74.9	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 0.671 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030419.D
Acq: 25 Mar 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
BF0C6ME

Tgt Ion:146 Resp: 6150

Ion	Ratio	Lower	Upper
146	100		
111	53.5	34.9	52.3#
148	67.6	51.2	76.8