Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031128.D
Acq On : 12 Apr 2019 15:10
Operator : JC/SP
Sample : VU0412MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK58

Quant Time: Apr 13 01:04:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203043	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	205910	48.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.70%			
7) Chloroethane-d5	1.68	69	162471	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.54%			
11) 1,1-Dichloroethene-d2	2.26	63	282406	36.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.32%			
21) 2-Butanone-d5	4.17	46	315186	93.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.38%			
24) Chloroform-d	4.64	84	332473	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.22%			
26) 1,2-Dichloroethane-d4	5.30	65	224721	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.24%			
32) Benzene-d6	5.33	84	683160	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.68%			
36) 1,2-Dichloropropane-d6	6.32	67	222824	47.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.82%			
41) Toluene-d8	7.56	98	586937	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
43) trans-1,3-Dichloropropene-	7.85	79	100551	47.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.82%			
47) 2-Hexanone-d5	8.31	63	197382	92.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.85%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303107	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	209687	52.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.02%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2612	0.765	ug/L #	27
12) 1,1-Dichloroethene	2.27	96	2308	0.700	ug/L #	1
25) Chloroform	4.66	83	11698	1.611	ug/L	80
39) cis-1,3-Dichloropropene	7.22	75	5682	0.927	ug/L #	71
40) 4-Methyl-2-pentanone	7.47	43	5018	0.724	ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	4204	0.778	ug/L	85
48) 2-Hexanone	8.37	43	21027	3.890	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	25658	4.973	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	3775	0.578	ug/L	94
69) Naphthalene	13.76	128	6616	0.512	ug/L #	87
70) 1,2,3-Trichlorobenzene	14.00	180	2734	0.656	ug/L #	67

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

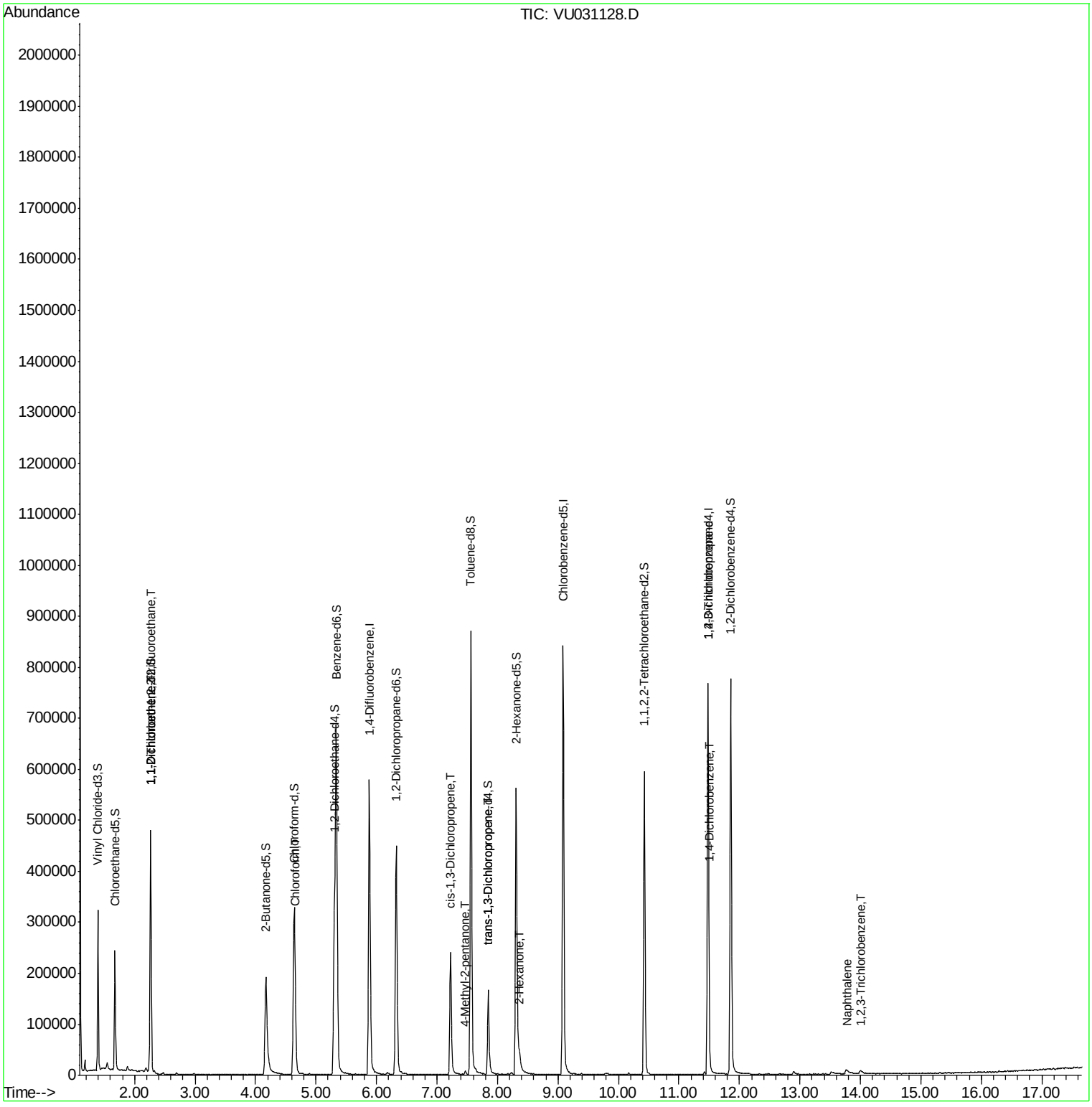
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

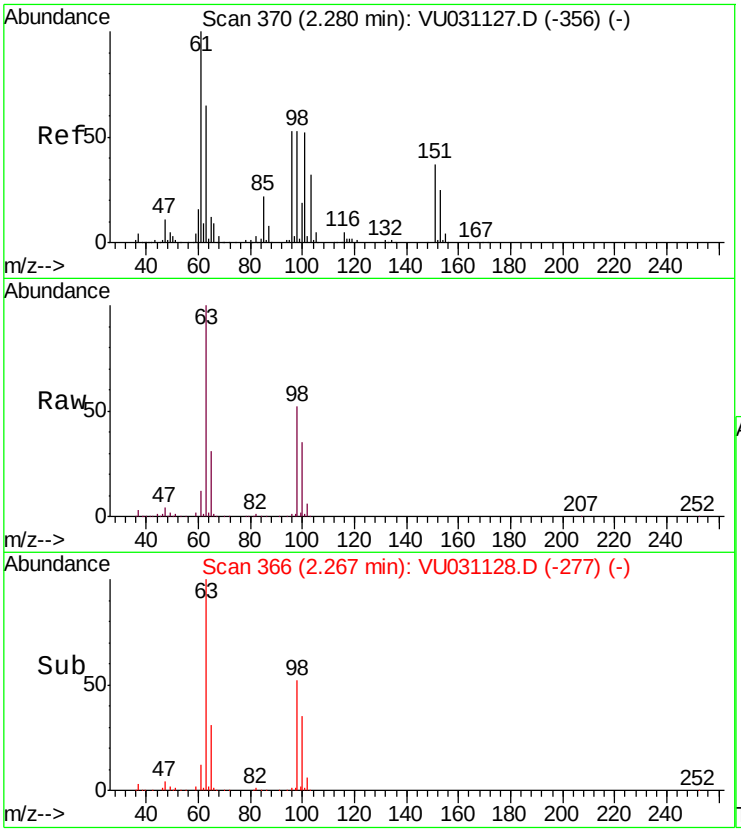
Quantitation Report (Not Reviewed)

Data File : VU031128.D
Acq On : 12 Apr 2019 15:10
Operator : JC/SP
Sample : VU0412MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK58

Quant Time: Apr 13 01:04:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration



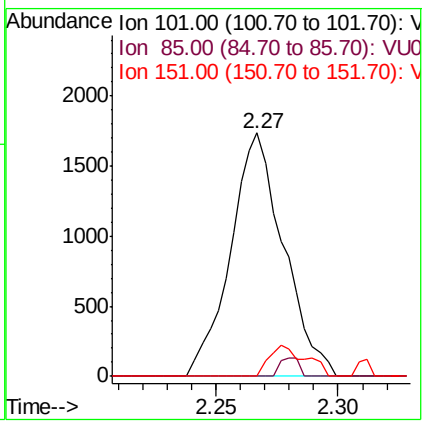


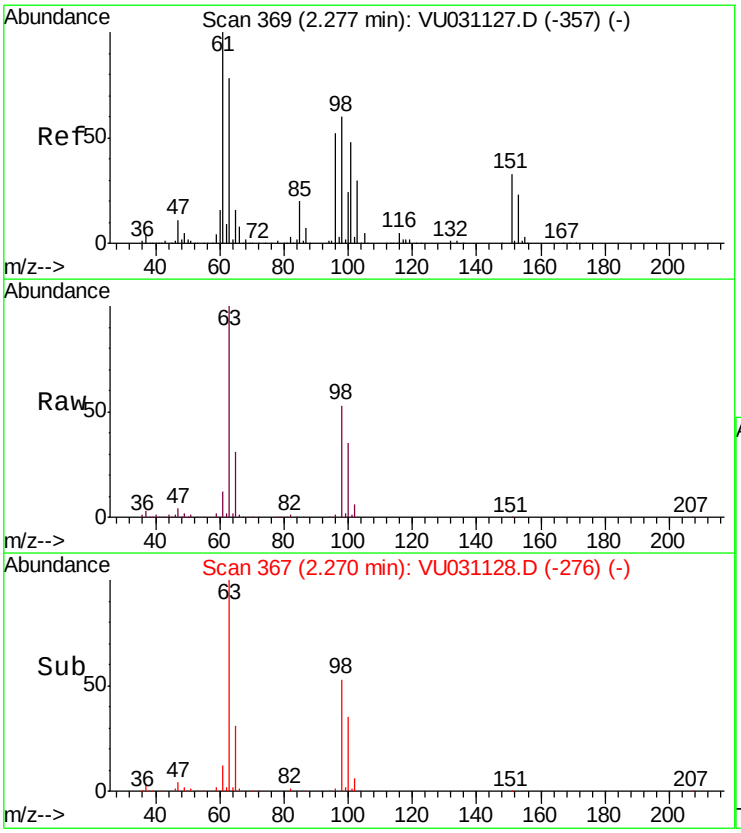
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.765 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion:101 Resp: 2612

Ion	Ratio	Lower	Upper
101	100		
85	2.7	36.8	55.2#
151	7.0	57.4	86.0#

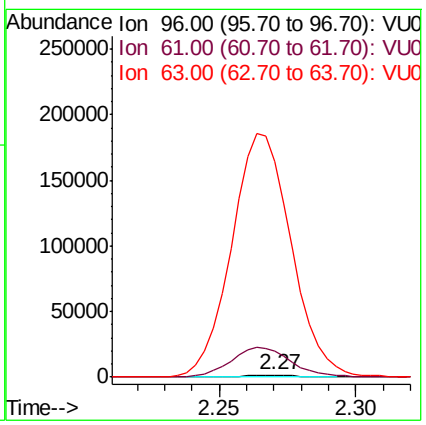


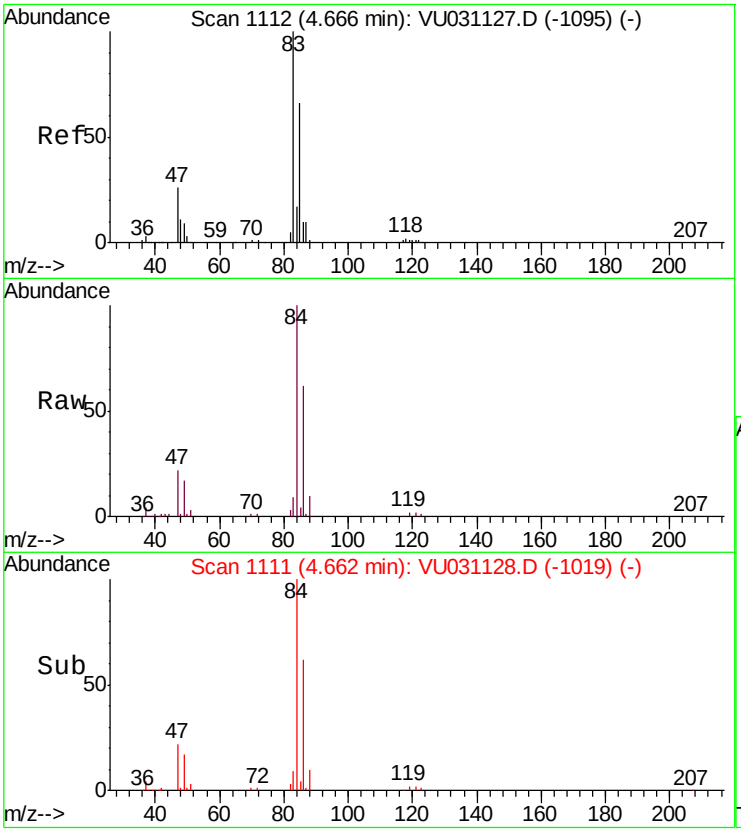


#12
1,1-Dichloroethene
Concen: 0.700 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Tgt Ion: 96 Resp: 2308

Ion	Ratio	Lower	Upper
96	100		
61	1308.2	132.0	245.2#
63	11069.5	90.9	168.9#



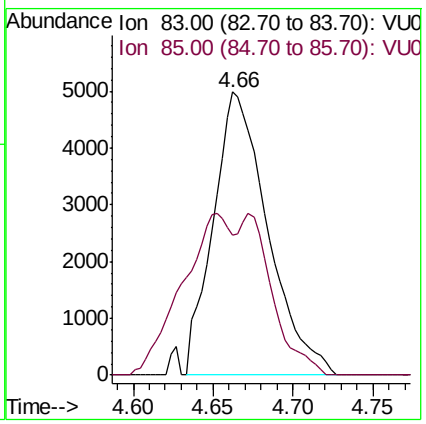


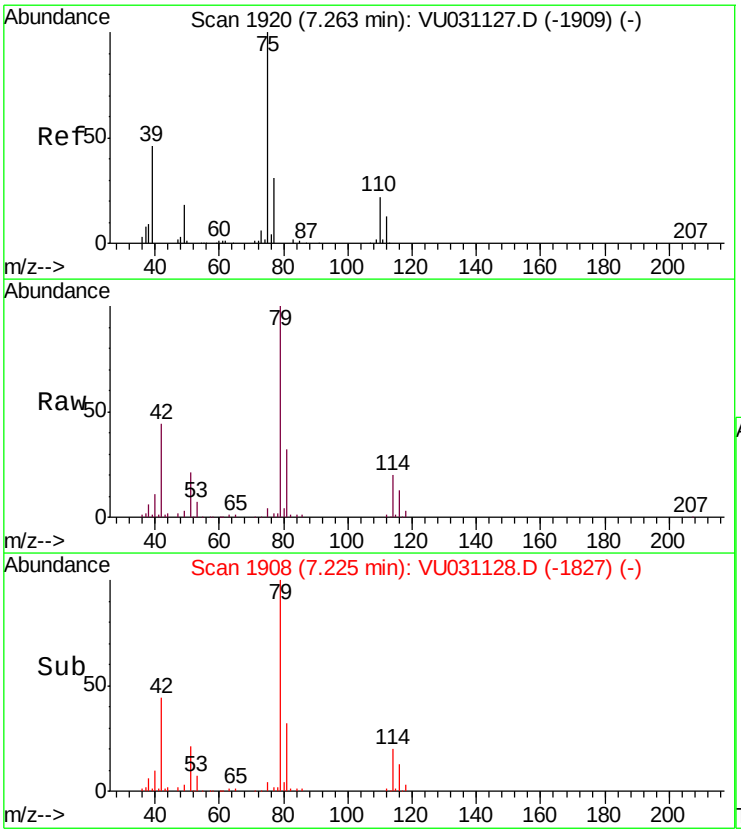
#25
Chloroform
Concen: 1.611 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion: 83 Resp: 11698

Ion	Ratio	Lower	Upper
83	100		
85	49.3	45.8	85.0

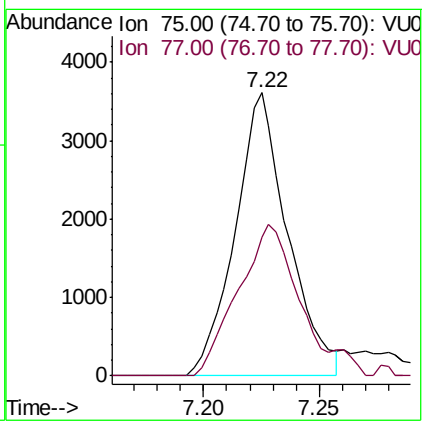


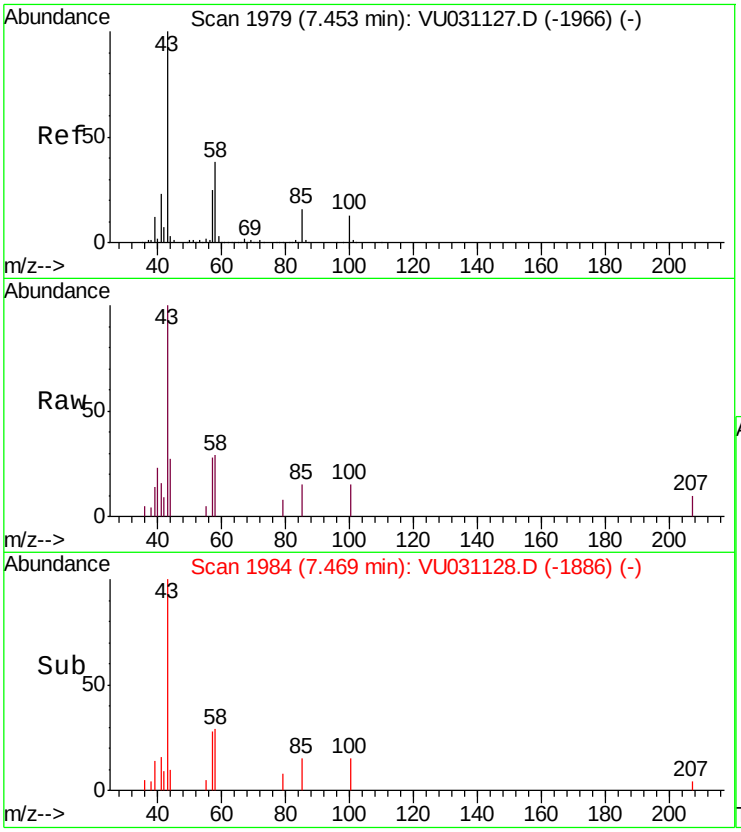


#39
cis-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Tgt Ion: 75 Resp: 5682

Ion	Ratio	Lower	Upper
75	100		
77	49.2	23.1	42.9#



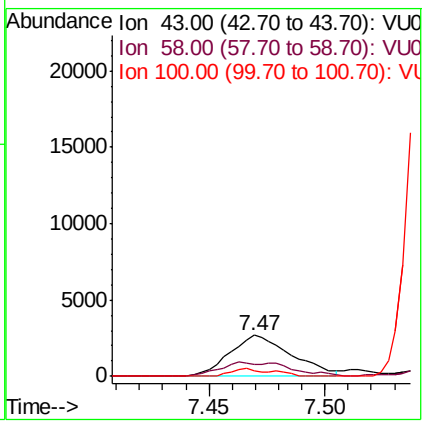


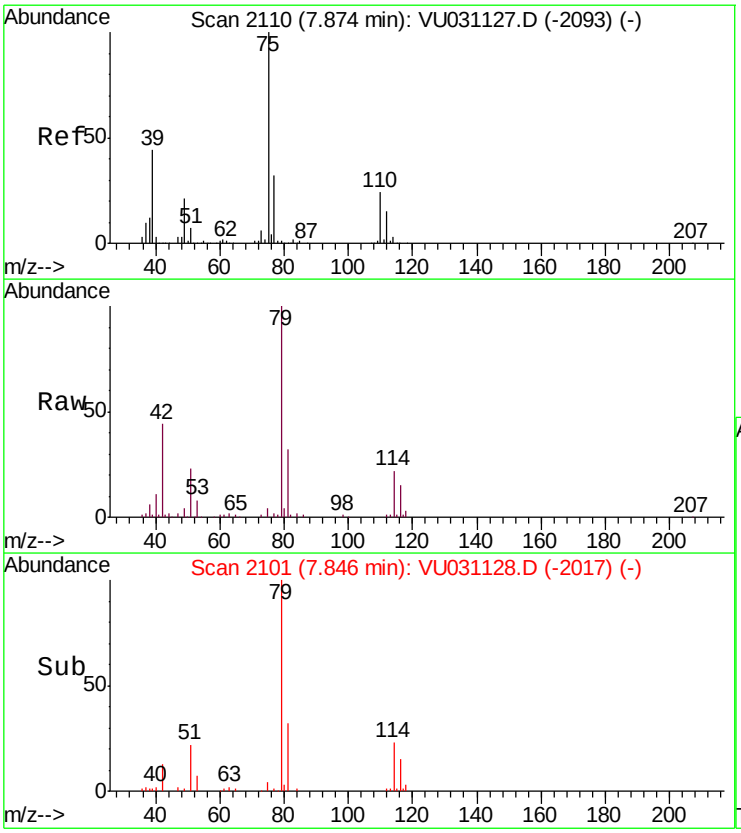
#40
4-Methyl-2-pentanone
Concen: 0.724 ug/L
RT: 7.47 min Scan# 1984
Delta R.T. 0.02 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion: 43 Resp: 5018

Ion	Ratio	Lower	Upper
43	100		
58	22.3	29.7	44.5#
100	8.3	9.8	14.6#

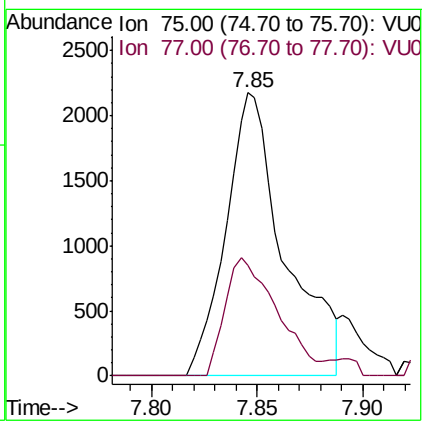


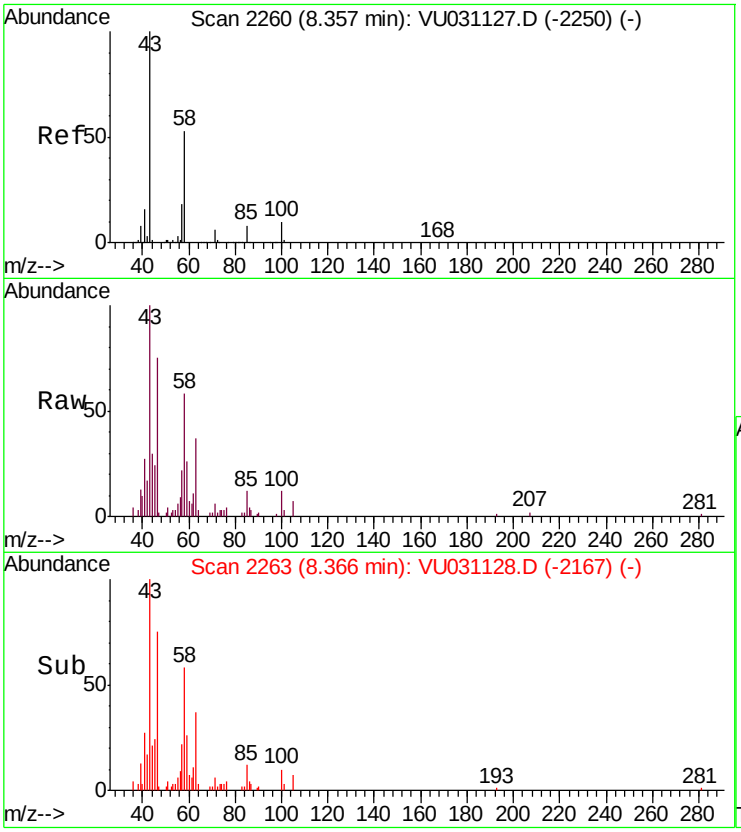


#44
trans-1,3-Dichloropropene
Concen: 0.778 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Tgt Ion: 75 Resp: 4204

Ion	Ratio	Lower	Upper
75	100		
77	39.0	21.6	40.0



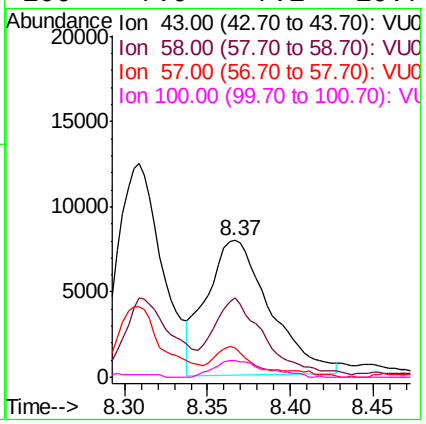


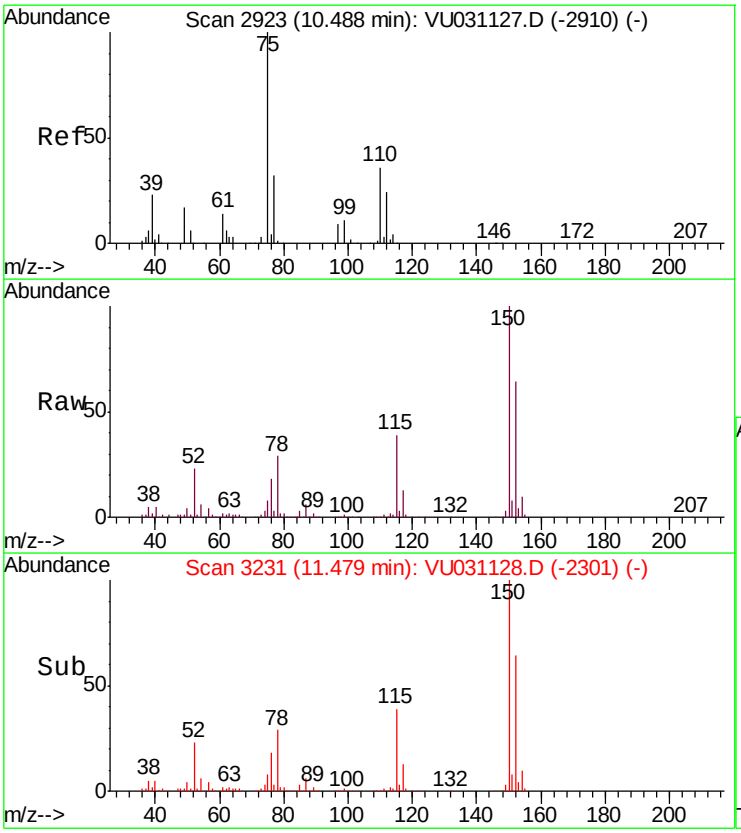
#48
2-Hexanone
Concen: 3.890 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion: 43 Resp: 21027

Ion	Ratio	Lower	Upper
43	100		
58	42.2	41.9	62.9
57	9.3	14.3	21.5#
100	7.9	7.1	10.7

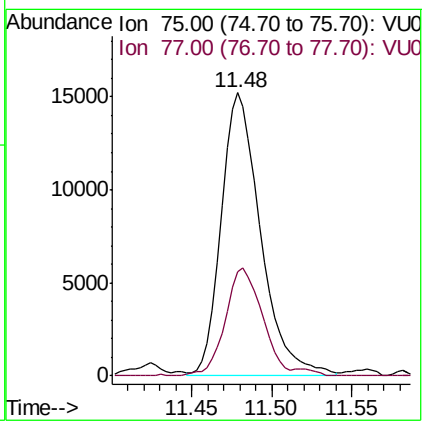


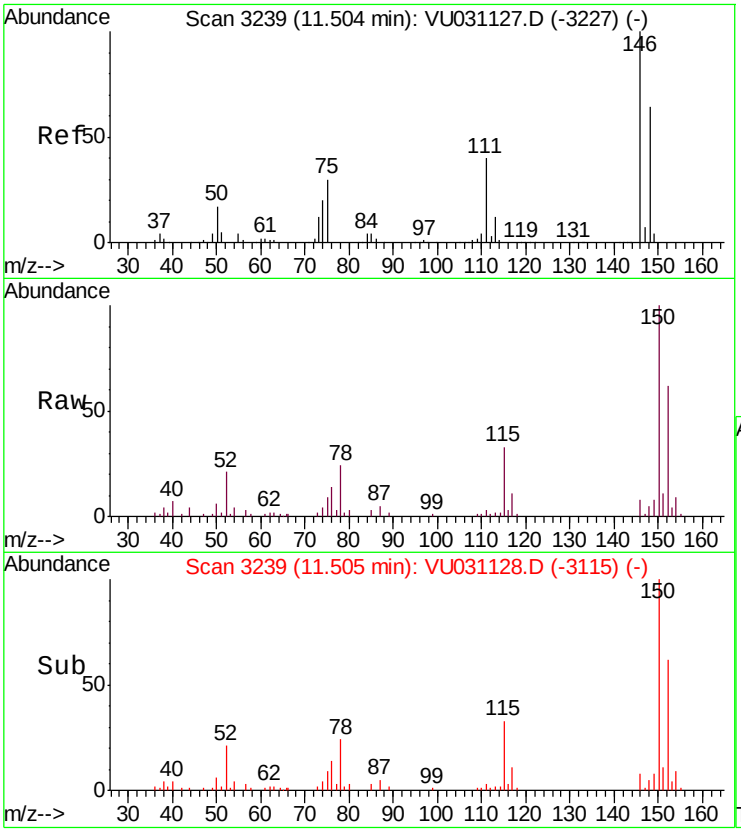


#59
1,2,3-Trichloropropane
Concen: 4.973 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Tgt Ion: 75 Resp: 25658

Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.1	39.1



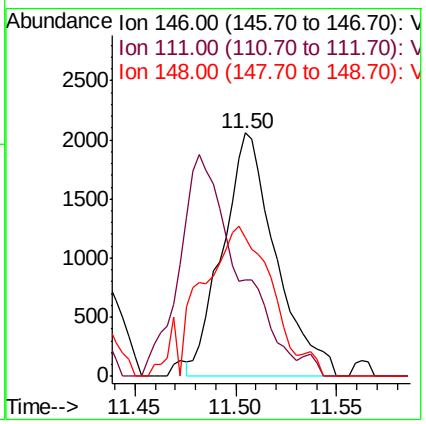


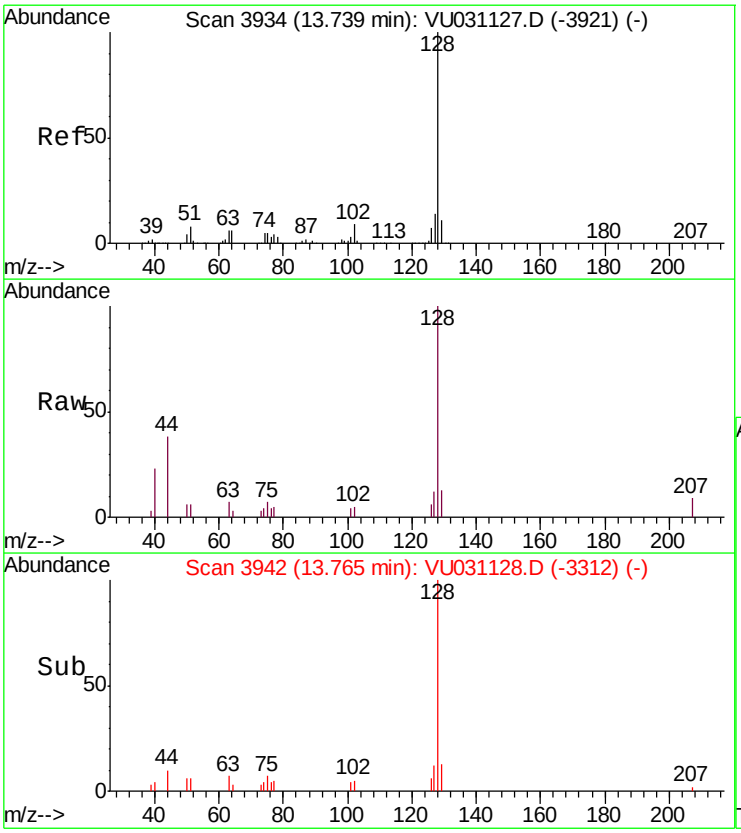
#63
1,4-Dichlorobenzene
Concen: 0.578 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion:146 Resp: 3775

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.7	51.5
148	56.8	45.4	84.4

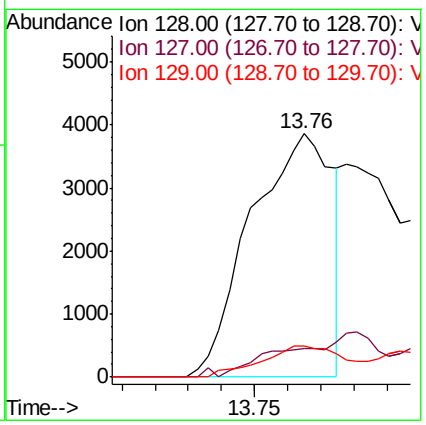


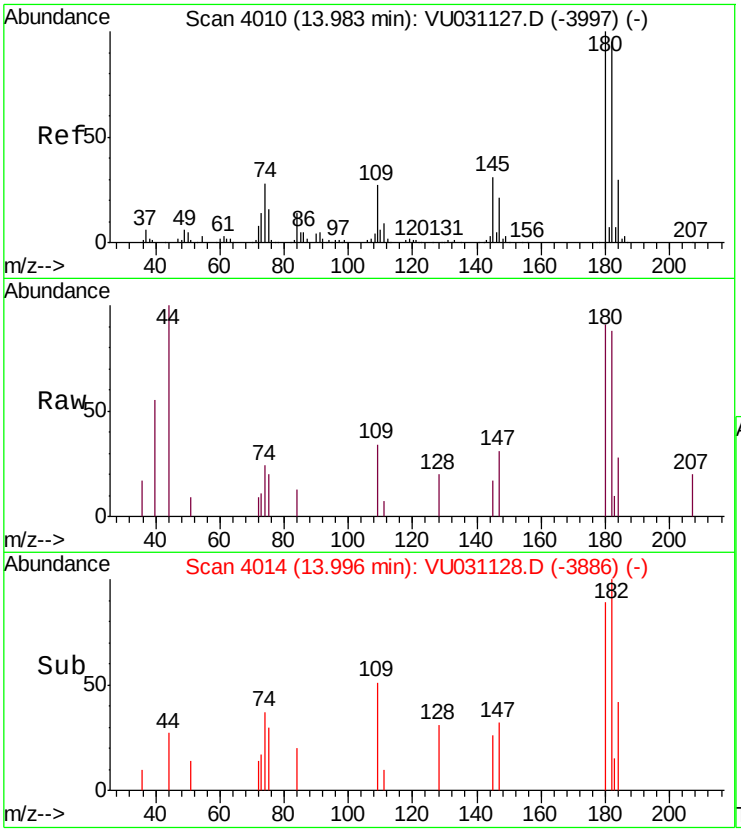


#69
Naphthalene
Concen: 0.512 ug/L
RT: 13.76 min Scan# 3942
Delta R.T. 0.03 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Tgt Ion:128 Resp: 6616

Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.4	15.6#
129	12.6	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 0.656 ug/L
RT: 14.00 min Scan# 4014
Delta R.T. 0.01 min
Lab File: VU031128.D
Acq: 12 Apr 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion:180 Resp: 2734

Ion	Ratio	Lower	Upper
180	100		
182	65.8	78.1	117.1#
145	12.6	26.6	40.0#