Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

Data File : VU033216.D
Acq On : 12 Jul 2019 12:25
Operator : JC/SP
Sample : VU0712WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Jul 13 00:11:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	318350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141123	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	113958	47.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.58%			
7) Chloroethane-d5	1.67	69	98019	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.22%			
11) 1,1-Dichloroethene-d2	2.25	63	152916	34.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.96%			
21) 2-Butanone-d5	4.15	46	152451	99.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.84%			
24) Chloroform-d	4.62	84	189683	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
26) 1,2-Dichloroethane-d4	5.29	65	126886	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
32) Benzene-d6	5.32	84	392560	52.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.22%			
36) 1,2-Dichloropropane-d6	6.31	67	125163	51.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.72%			
41) Toluene-d8	7.55	98	360619	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			
43) trans-1,3-Dichloropropene-	7.83	79	60199	50.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.74%			
47) 2-Hexanone-d5	8.29	63	114551	105.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.29%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180153	49.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.64%			
64) 1,2-Dichlorobenzene-d4	11.85	152	131887	52.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1870	0.861	ug/L #	35
12) 1,1-Dichloroethene	2.26	96	1546	0.728	ug/L #	1
14) Carbon disulfide	2.46	76	3217	0.495	ug/L	95
25) Chloroform	4.65	83	4097	0.913	ug/L	88
44) trans-1,3-Dichloropropene	7.83	75	2882	0.858	ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	18179	5.749	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	2023	0.466	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	2695	0.593	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	1909	0.608	ug/L	93
68) 1,2,4-trichlorobenzene	13.50	180	1760	0.642	ug/L #	94
69) Naphthalene	13.74	128	6288	0.715	ug/L #	85

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

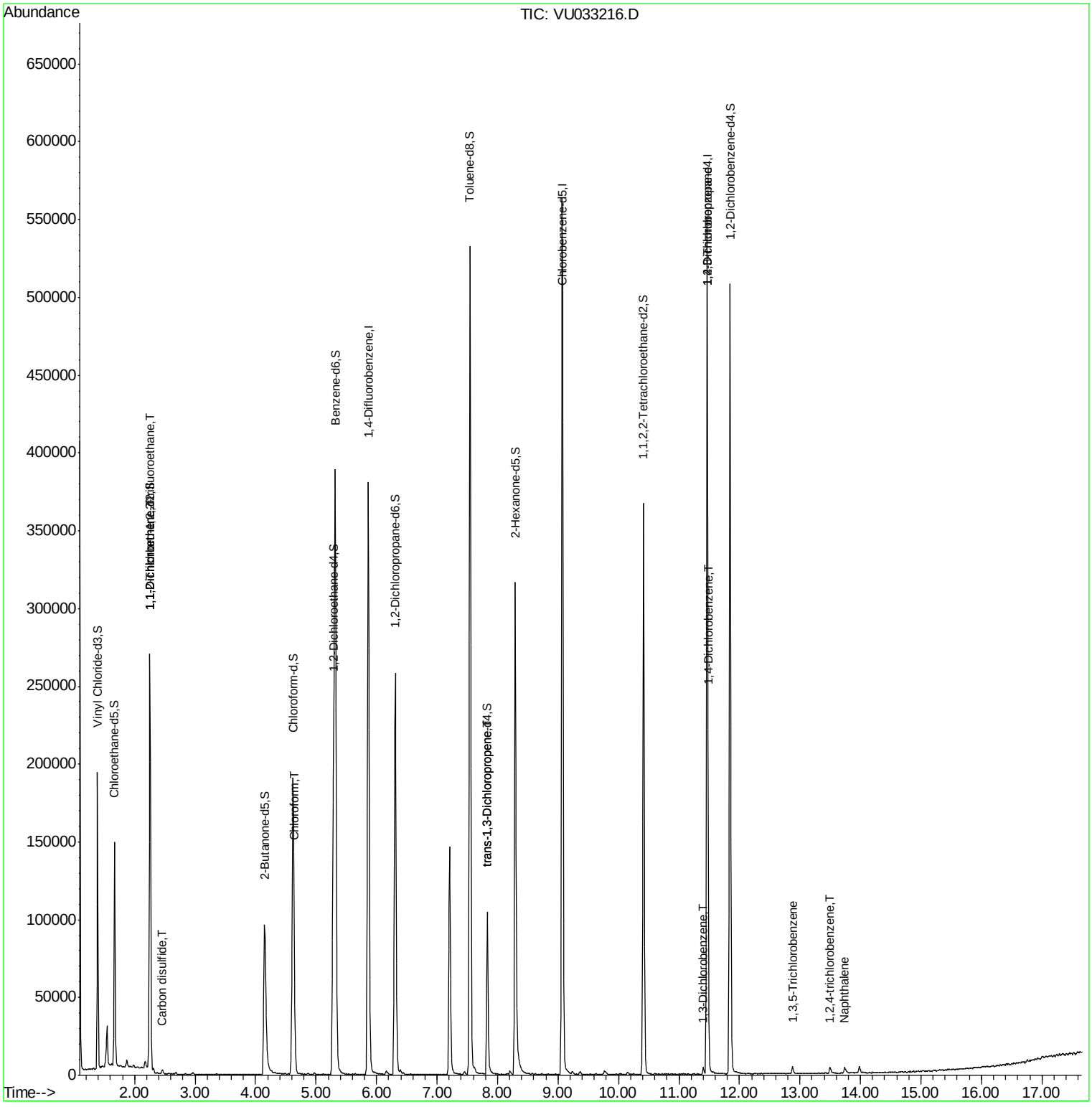
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

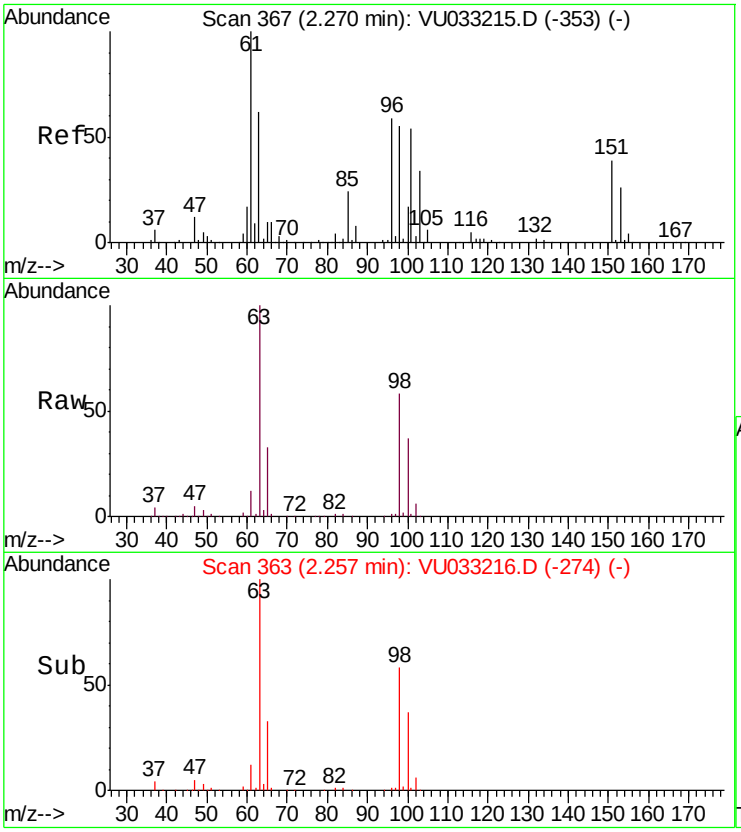
Quantitation Report (Not Reviewed)

Data File : VU033216.D
Acq On : 12 Jul 2019 12:25
Operator : JC/SP
Sample : VU0712WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Jul 13 00:11:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration



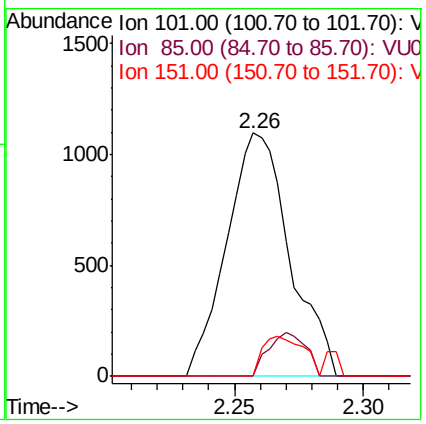


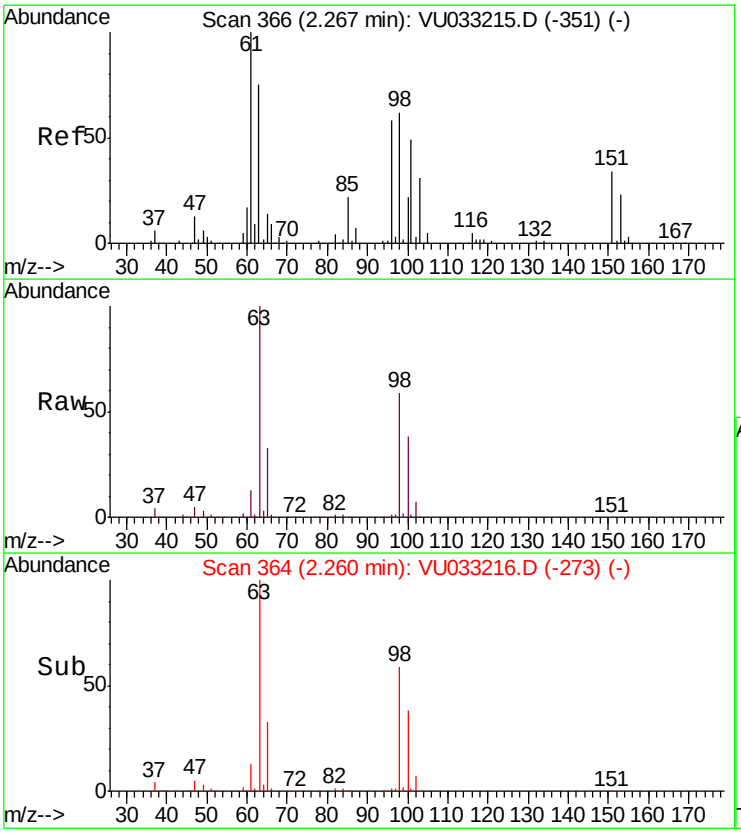
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.861 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:101 Resp: 1870

Ion	Ratio	Lower	Upper
101	100		
85	10.7	35.8	53.8#
151	10.6	56.7	85.1#

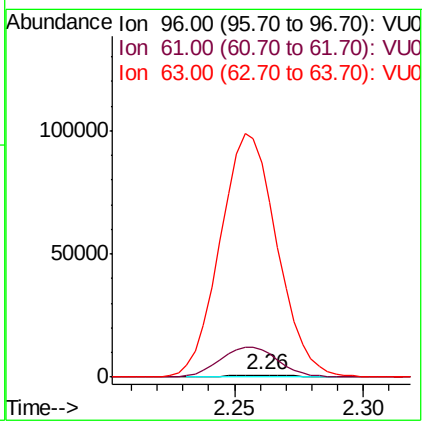


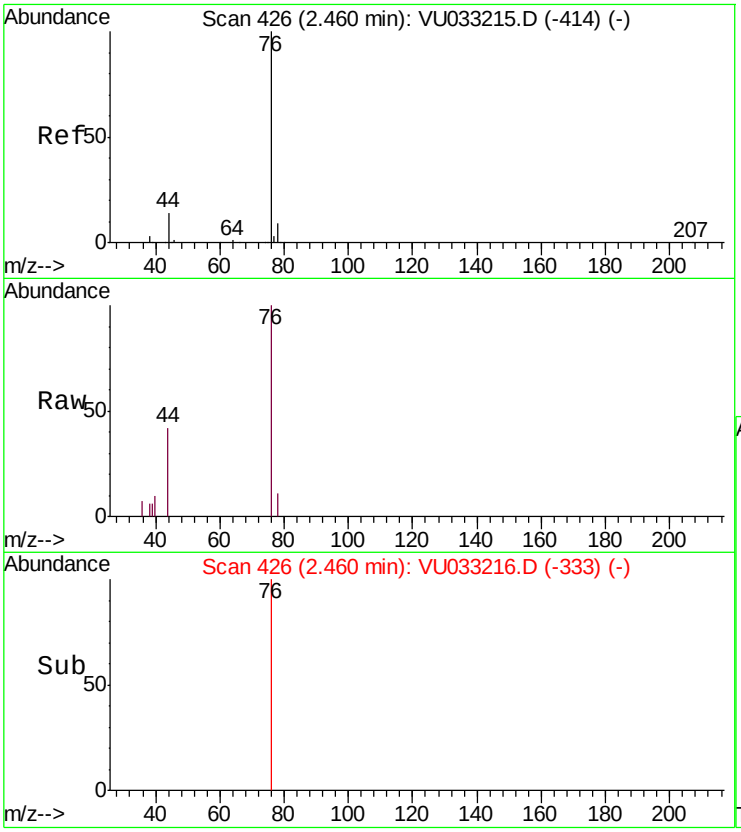


#12
1,1-Dichloroethene
Concen: 0.728 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Tgt Ion: 96 Resp: 1546

Ion	Ratio	Lower	Upper
96	100		
61	1299.3	126.1	234.1#
63	10037.5	96.8	179.8#



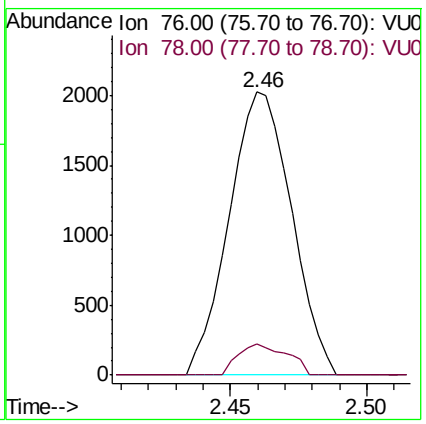


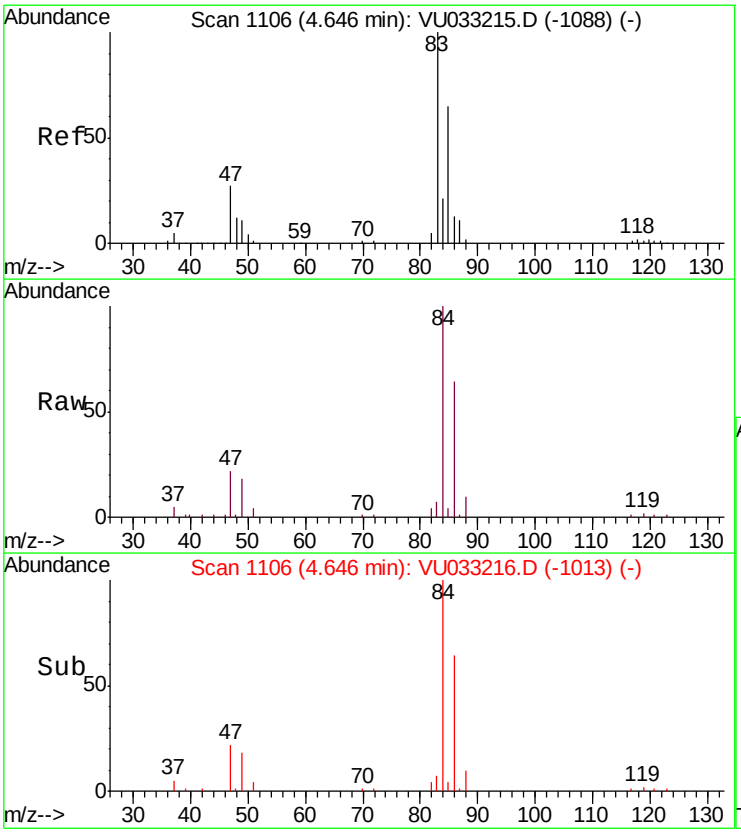
#14
Carbon disulfide
Concen: 0.495 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion: 76 Resp: 3217

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.4	11.2

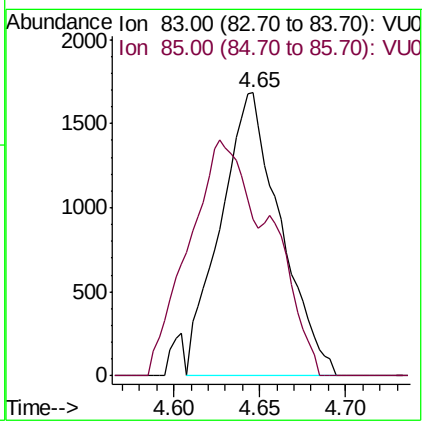


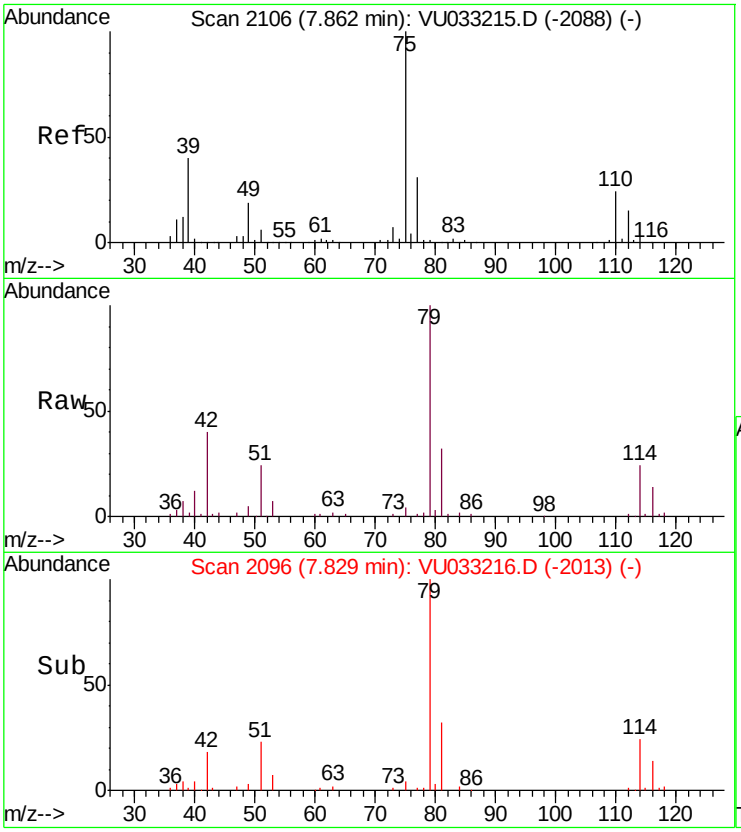


#25
Chloroform
Concen: 0.913 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Tgt Ion: 83 Resp: 4097

Ion	Ratio	Lower	Upper
83	100		
85	55.4	45.4	84.4



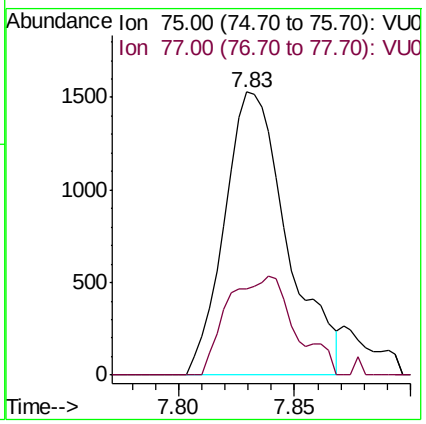


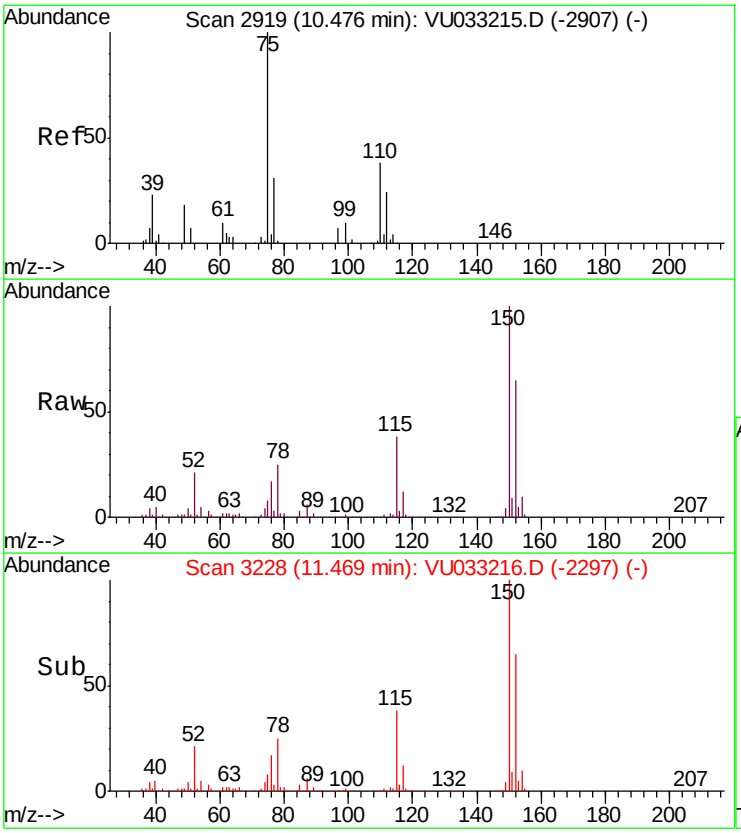
#44
trans-1,3-Dichloropropene
Concen: 0.858 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion: 75 Resp: 2882

Ion	Ratio	Lower	Upper
75	100		
77	30.3	22.4	41.6

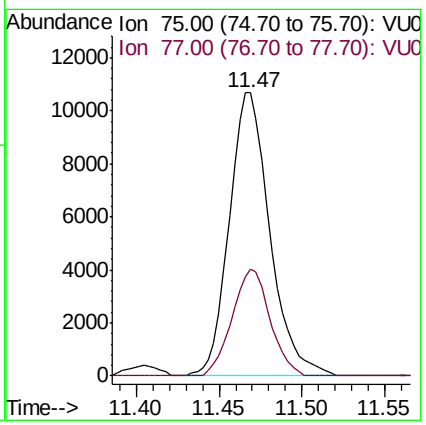


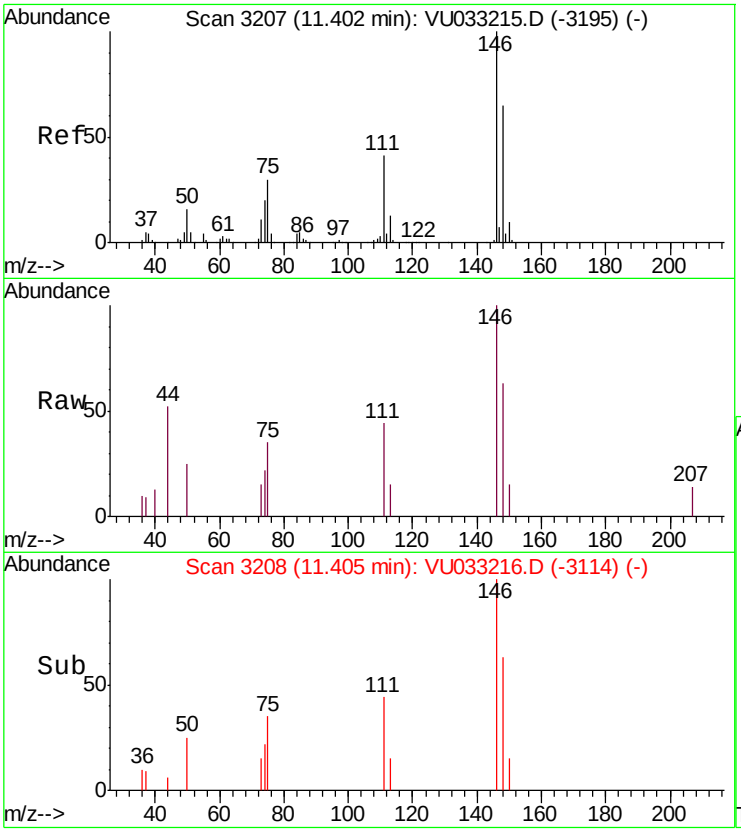


#59
1,2,3-Trichloropropane
Concen: 5.749 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Tgt Ion: 75 Resp: 18179

Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.0	39.0



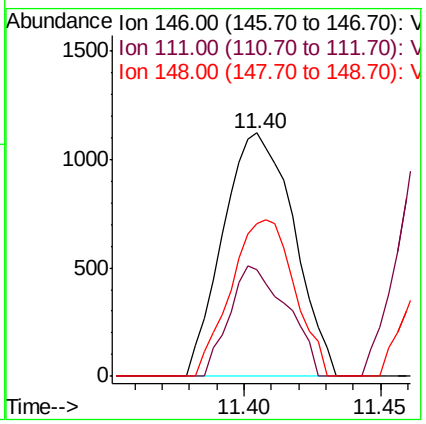


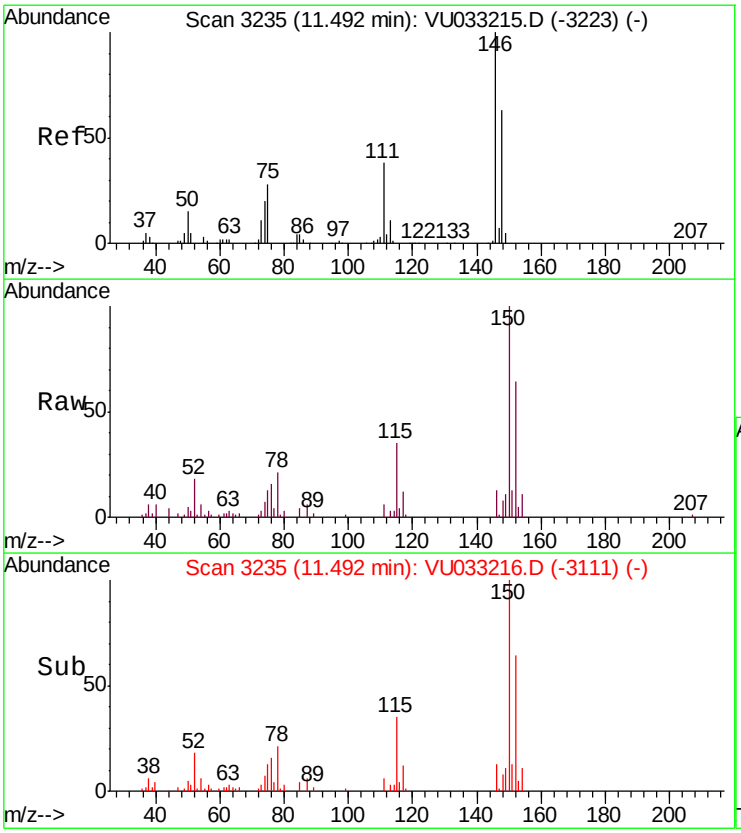
#62
1,3-Dichlorobenzene
Concen: 0.466 ug/L
RT: 11.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument : MSVOA_U
ClientSampleId : VBLK51

Tgt Ion:146 Resp: 2023

Ion	Ratio	Lower	Upper
146	100		
111	44.0	28.0	52.0
148	62.7	44.7	83.1

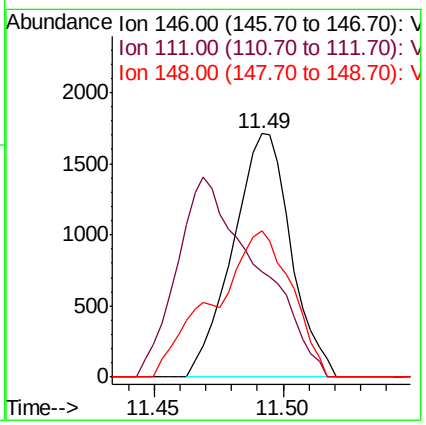


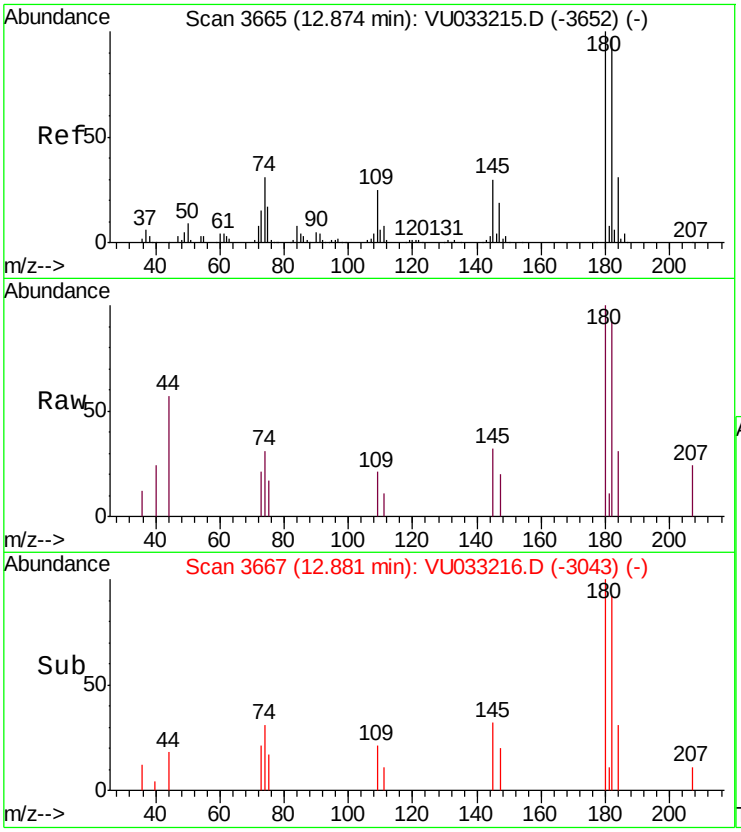


#63
1,4-Dichlorobenzene
Concen: 0.593 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Tgt Ion:146 Resp: 2695

Ion	Ratio	Lower	Upper
146	100		
111	43.4	27.8	51.6
148	60.3	44.6	82.8



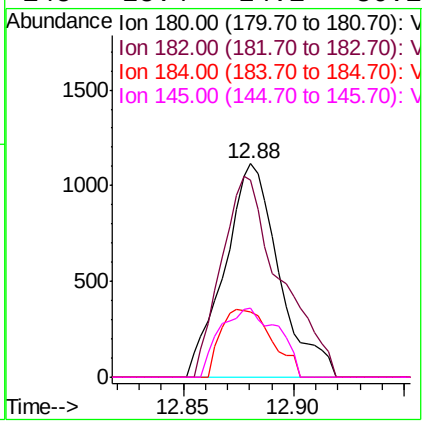


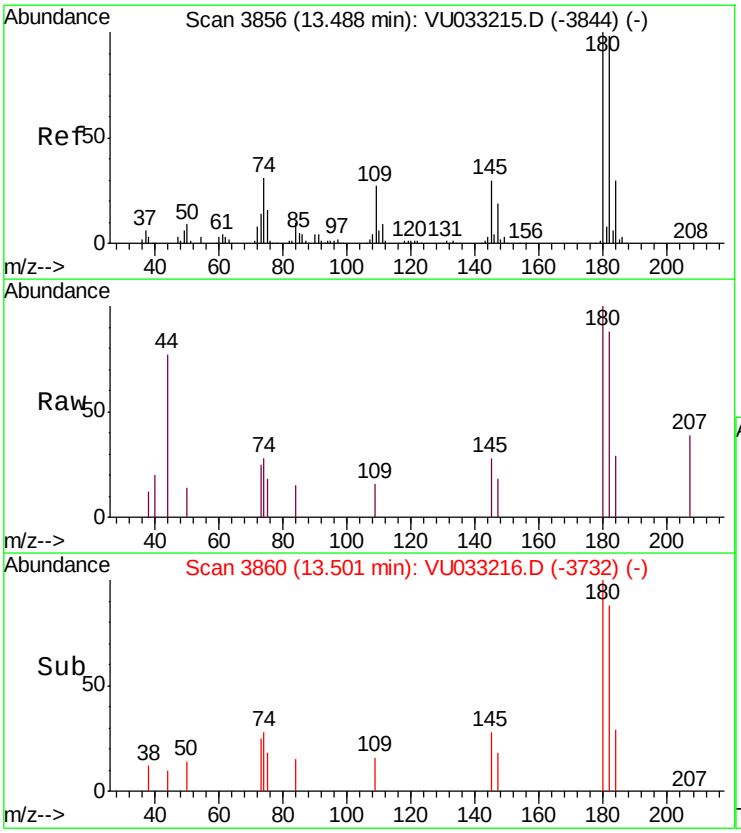
#67
1,3,5-Trichlorobenzene
Concen: 0.608 ug/L
RT: 12.88 min Scan# 3667
Delta R.T. 0.01 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:180 Resp: 1909

Ion	Ratio	Lower	Upper
180	100		
182	101.7	75.5	113.3
184	28.4	24.2	36.2
145	25.4	24.1	36.1

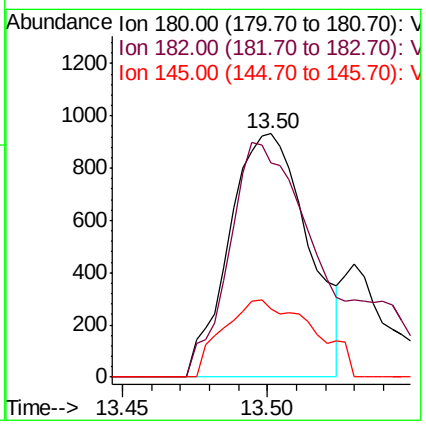


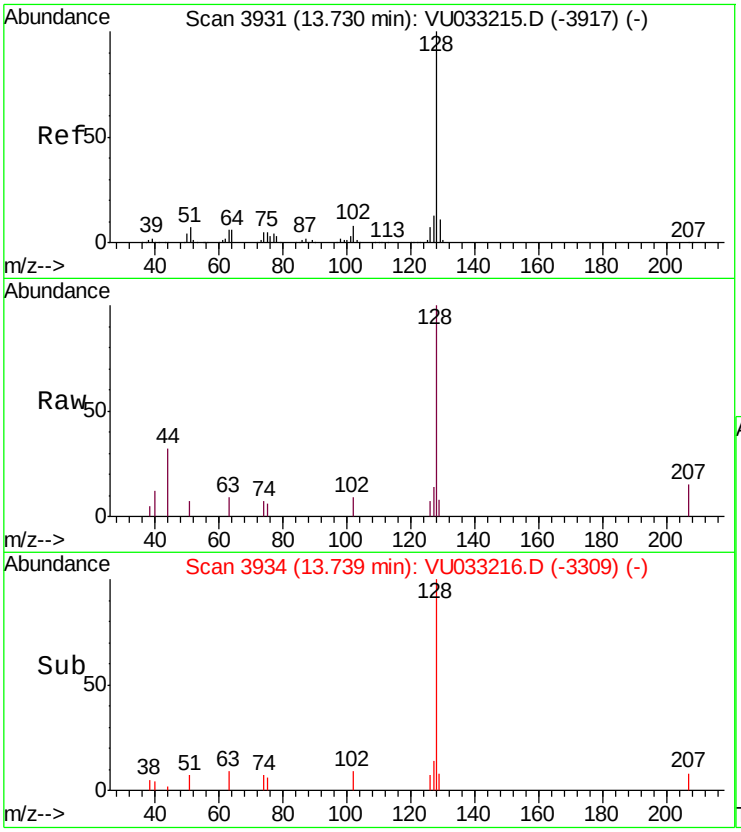


#68
1,2,4-trichlorobenzene
Concen: 0.642 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.01 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Tgt Ion:180 Resp: 1760

Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.5	114.7
145	22.3	24.6	36.8#





#69
Naphthalene
Concen: 0.715 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033216.D
Acq: 12 Jul 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:128 Resp: 6288

Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.8	16.2#
129	3.3	8.7	13.1#