Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (Not Reviewed)

Data File : VU032638.D
Acq On : 12 Jun 2019 09:58
Operator : JC/SP
Sample : VU0612WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK58

Quant Time: Jun 13 05:03:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169531	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	158832	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79969	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50517	45.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.86%			
7) Chloroethane-d5	1.68	69	41820	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.62%			
11) 1,1-Dichloroethene-d2	2.27	63	77212	35.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.70%			
21) 2-Butanone-d5	4.17	46	86696	94.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.19%			
24) Chloroform-d	4.64	84	100384	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.88%			
26) 1,2-Dichloroethane-d4	5.30	65	67030	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.74%			
32) Benzene-d6	5.33	84	204139	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.02%			
36) 1,2-Dichloropropane-d6	6.32	67	66239	51.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.46%			
41) Toluene-d8	7.56	98	187157	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.74%			
43) trans-1,3-Dichloropropene-	7.85	79	28768	46.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.98%			
47) 2-Hexanone-d5	8.31	63	42825	68.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 68.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91466	48.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.64%			
64) 1,2-Dichlorobenzene-d4	11.86	152	77189	50.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.78%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	700	0.676	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	781	0.776	ug/L #	1
13) Acetone	2.32	43	734	0.773	ug/L	62
25) Chloroform	4.66	83	1582	0.771	ug/L	90
37) 1,2-Dichloropropane	6.32	63	7493	6.334	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2306	1.235	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	1441	0.870	ug/L	96
48) 2-Hexanone	8.36	43	7378	4.720	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	10086	6.558	ug/L	94
63) 1,4-Dichlorobenzene	11.50	146	1224	0.495	ug/L	94
69) Naphthalene	13.78	128	1707	0.339	ug/L #	84
70) 1,2,3-Trichlorobenzene	14.01	180	1284	0.774	ug/L #	75

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

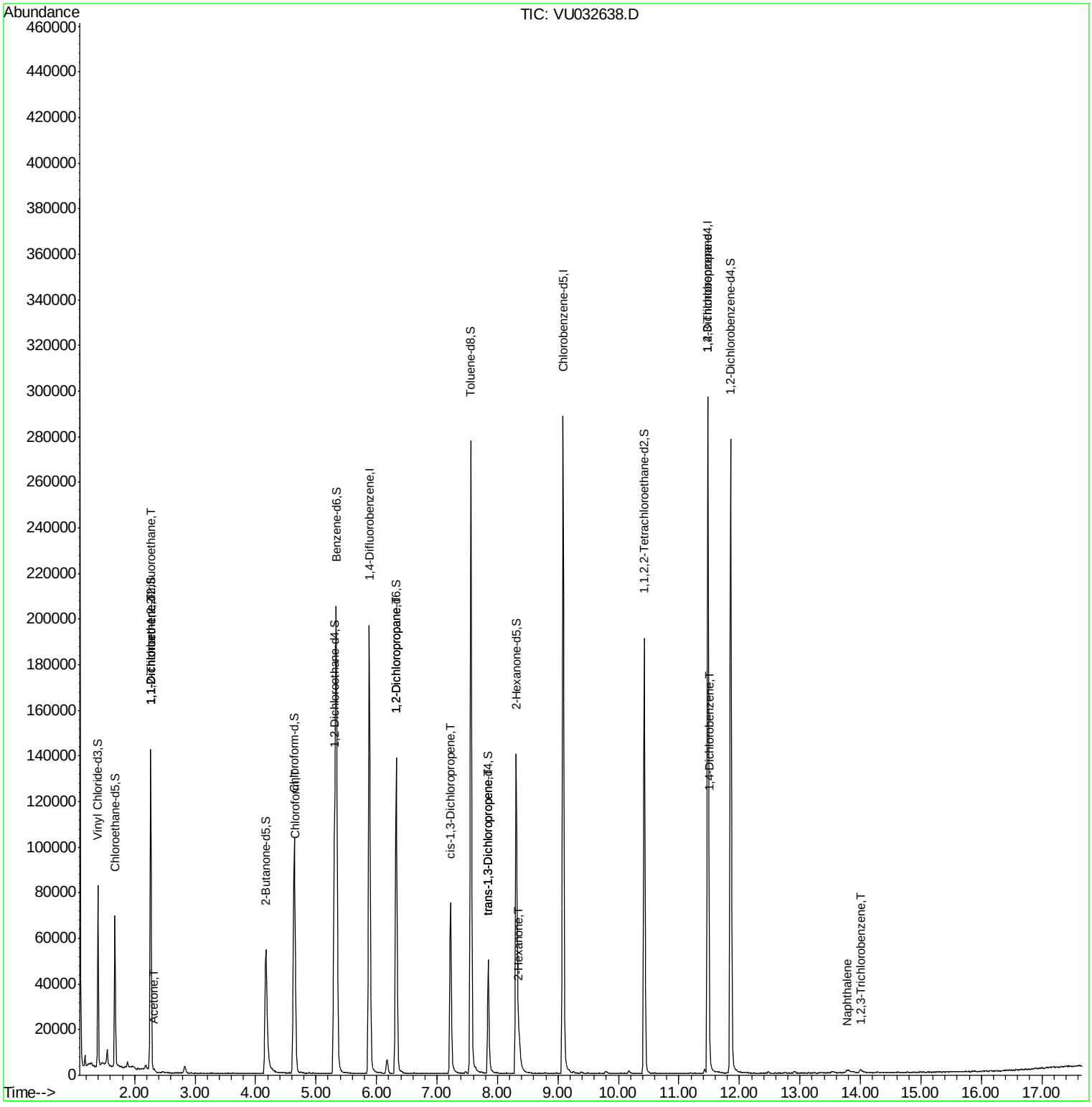
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

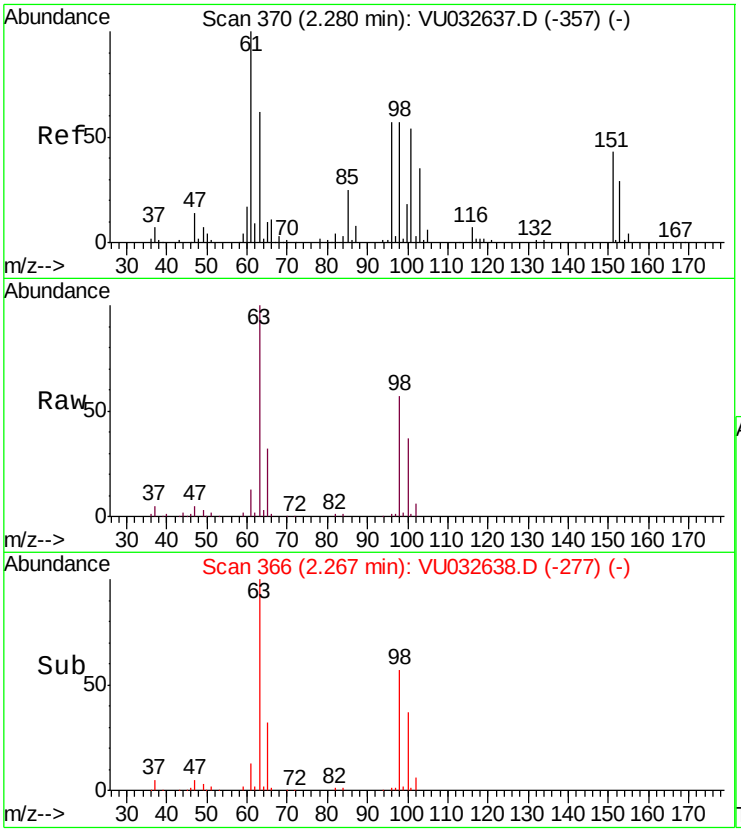
Quantitation Report (Not Reviewed)

Data File : VU032638.D
Acq On : 12 Jun 2019 09:58
Operator : JC/SP
Sample : VU0612WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK58

Quant Time: Jun 13 05:03:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration



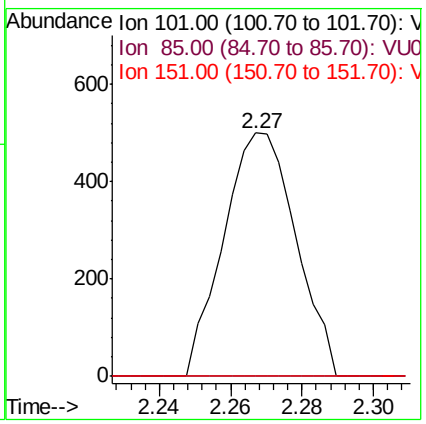


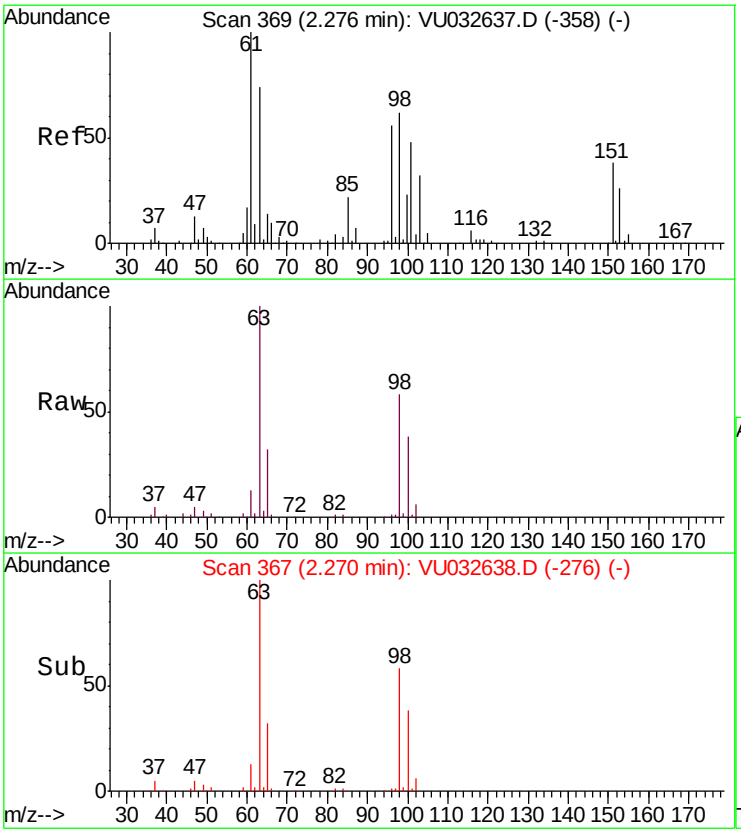
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.676 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion:101 Resp: 700

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

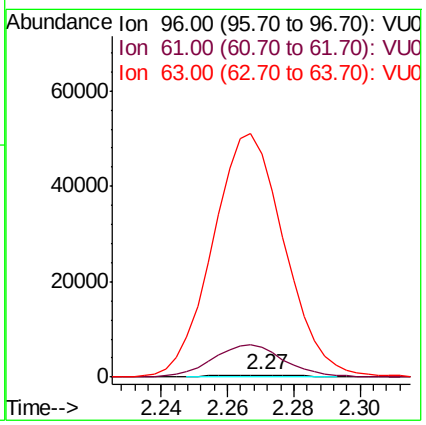


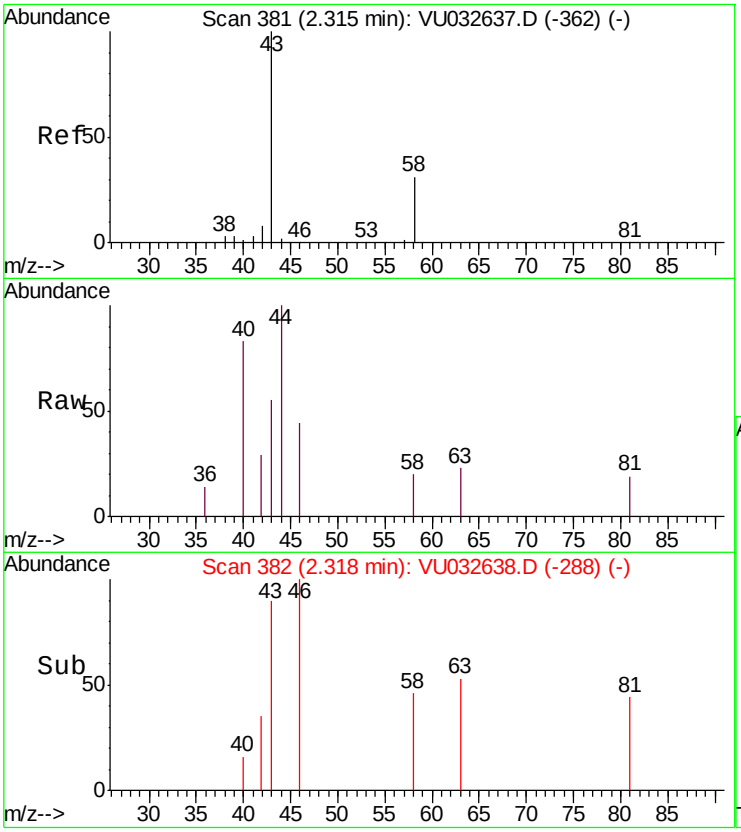


#12
1,1-Dichloroethene
Concen: 0.776 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion: 96 Resp: 781

Ion	Ratio	Lower	Upper
96	100		
61	1380.8	129.5	240.5#
63	10242.8	103.4	192.0#



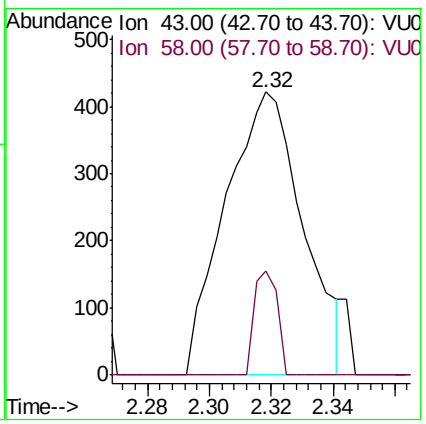


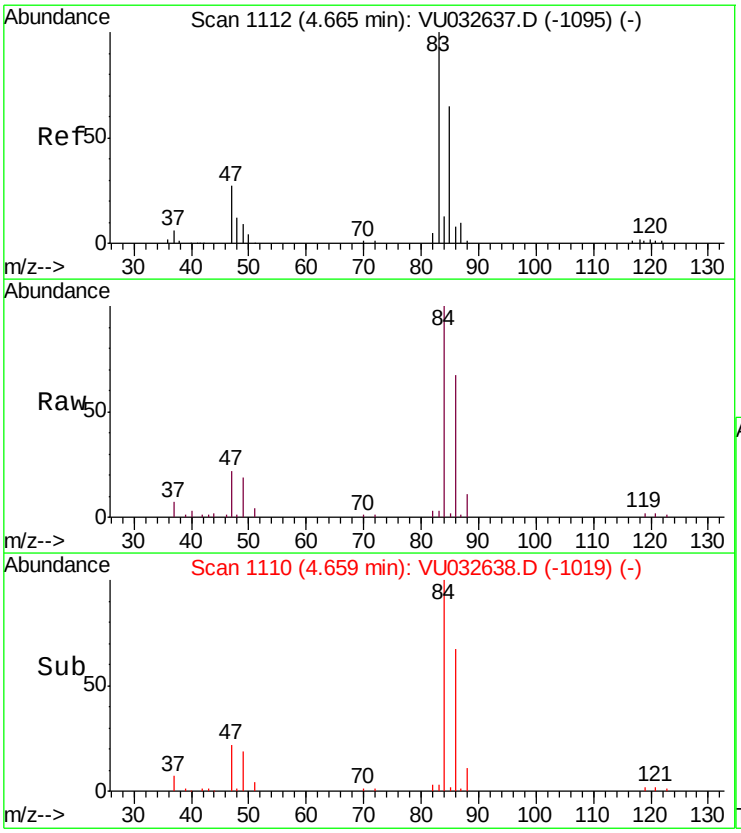
#13
Acetone
Concen: 0.773 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion: 43 Resp: 734

Ion	Ratio	Lower	Upper
43	100		
58	11.0	0.0	64.0

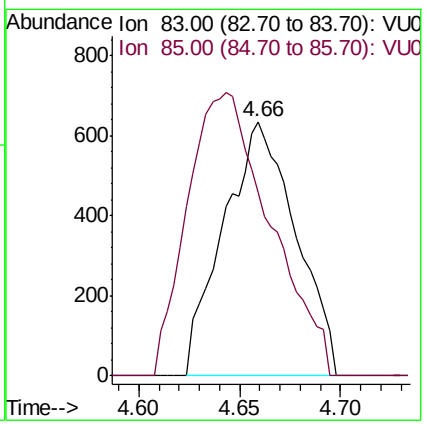


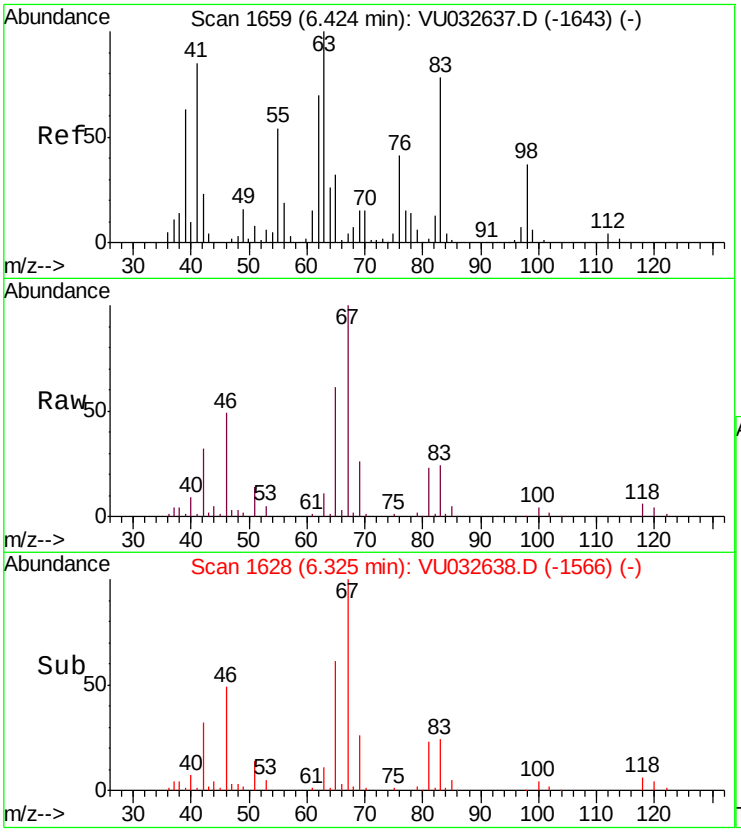


#25
Chloroform
Concen: 0.771 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion: 83 Resp: 1582

Ion	Ratio	Lower	Upper
83	100		
85	72.0	44.7	82.9



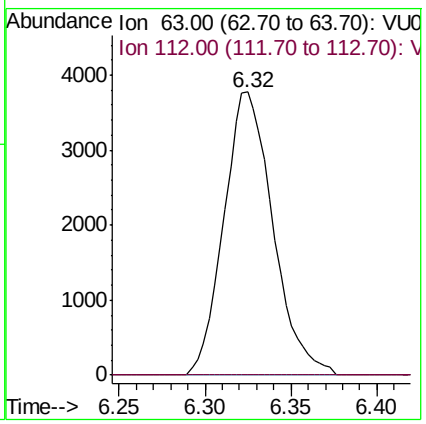


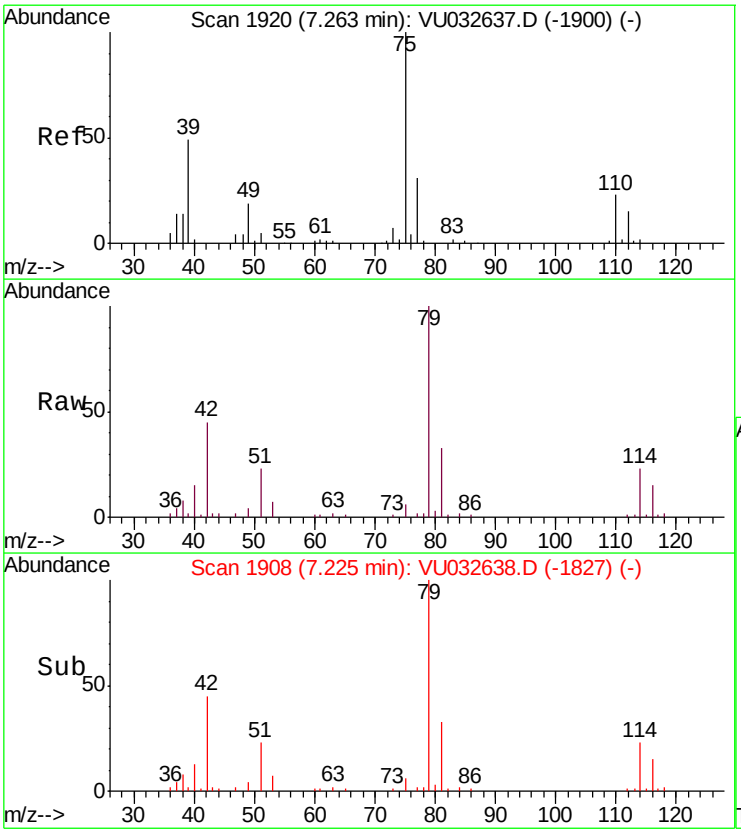
#37
1,2-Dichloropropane
Concen: 6.334 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion: 63 Resp: 7493

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

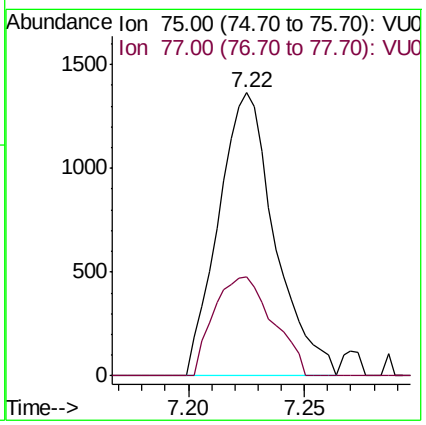


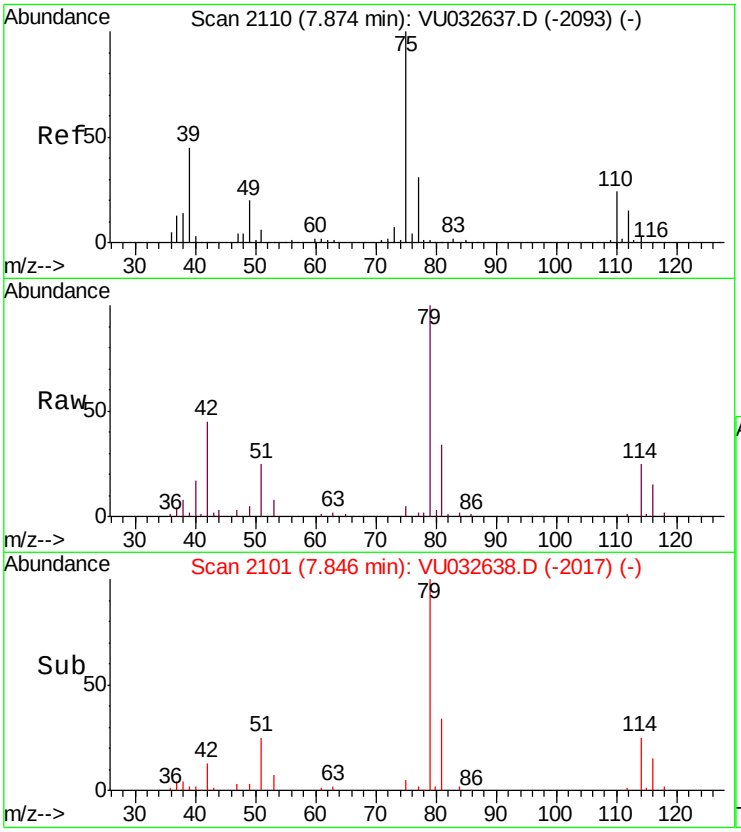


#39
cis-1,3-Dichloropropene
Concen: 1.235 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion: 75 Resp: 2306

Ion	Ratio	Lower	Upper
75	100		
77	35.0	22.0	41.0



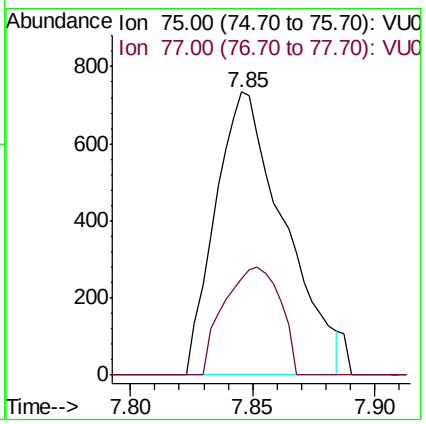


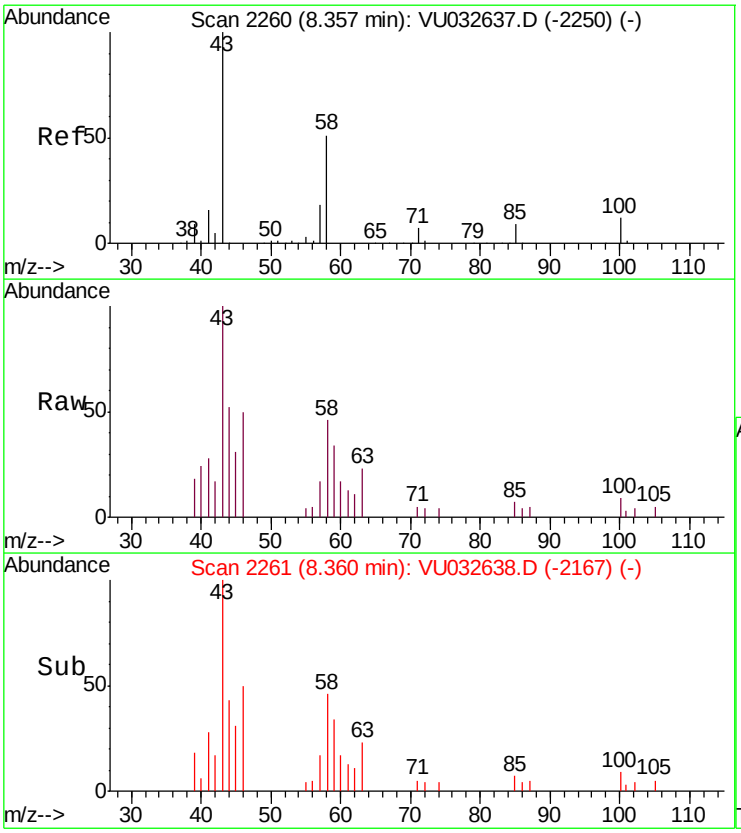
#44
trans-1,3-Dichloropropene
Concen: 0.870 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Tgt Ion: 75 Resp: 1441

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.1	41.1

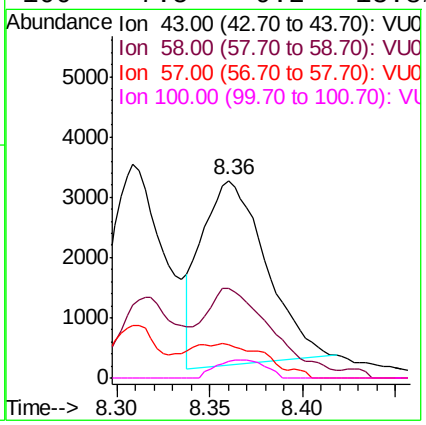


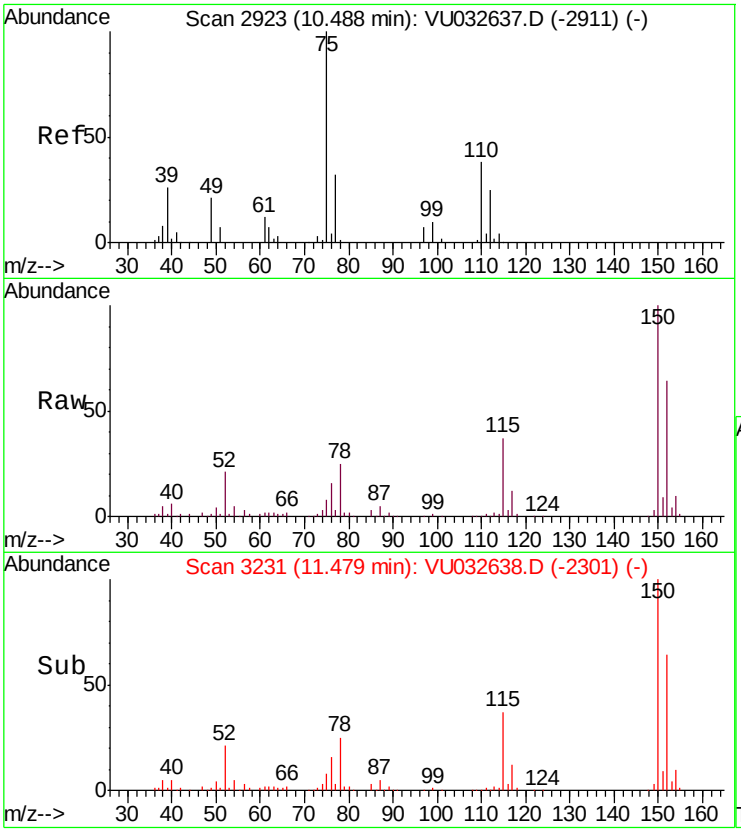


#48
2-Hexanone
Concen: 4.720 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion: 43 Resp: 7378

Ion	Ratio	Lower	Upper
43	100		
58	50.7	42.0	63.0
57	1.6	14.6	22.0#
100	7.5	9.2	13.8#



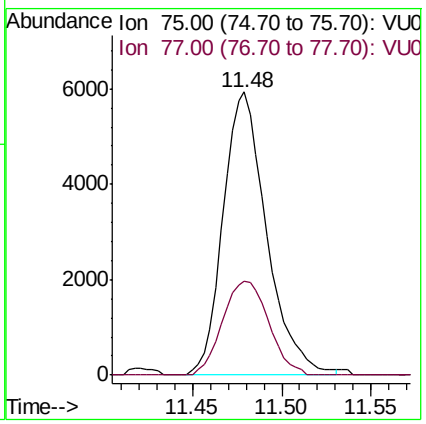


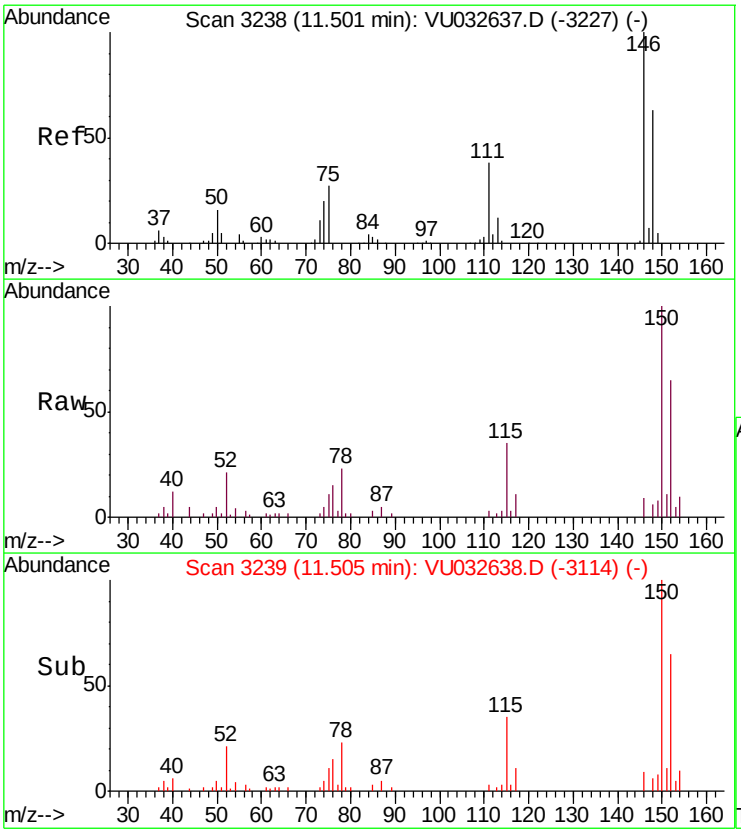
#59
1,2,3-Trichloropropane
Concen: 6.558 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion: 75 Resp: 10086

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.6	38.4

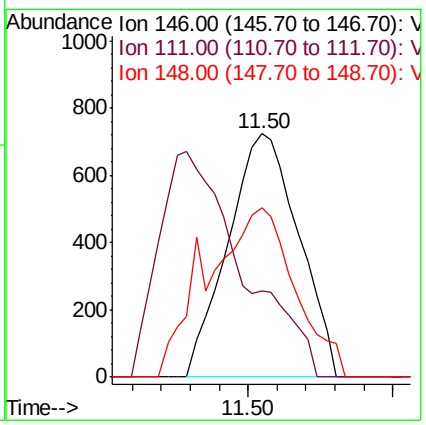


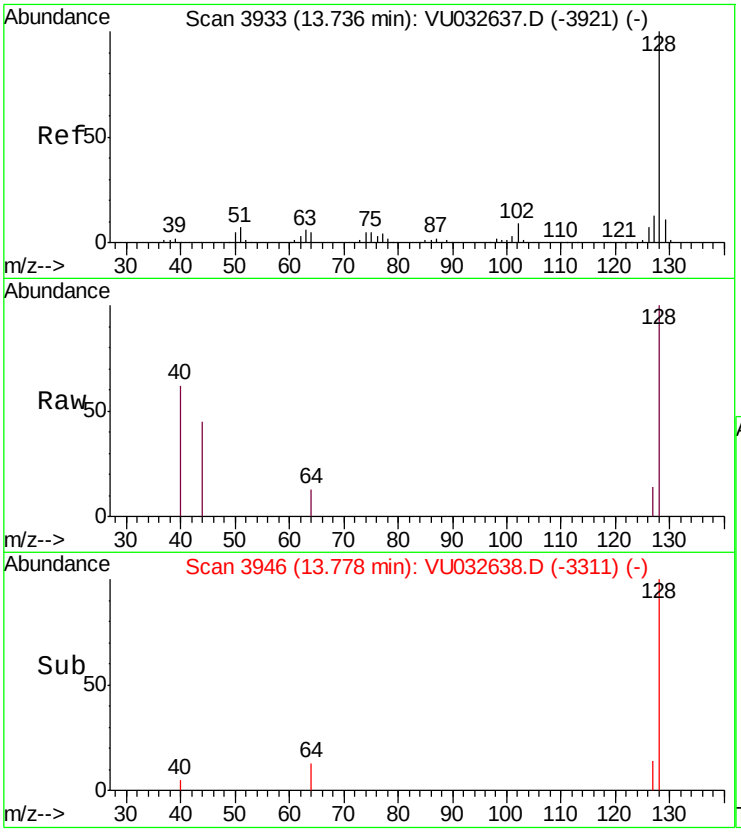


#63
1,4-Dichlorobenzene
Concen: 0.495 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion:146 Resp: 1224

Ion	Ratio	Lower	Upper
146	100		
111	35.4	26.6	49.4
148	69.5	44.9	83.5



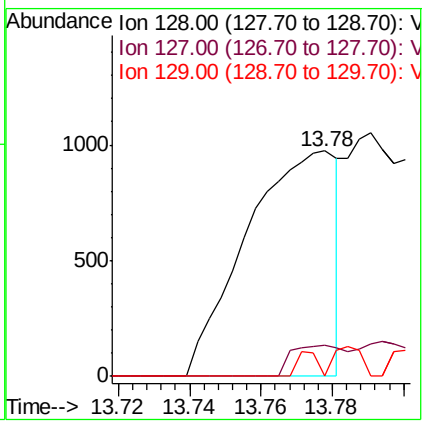


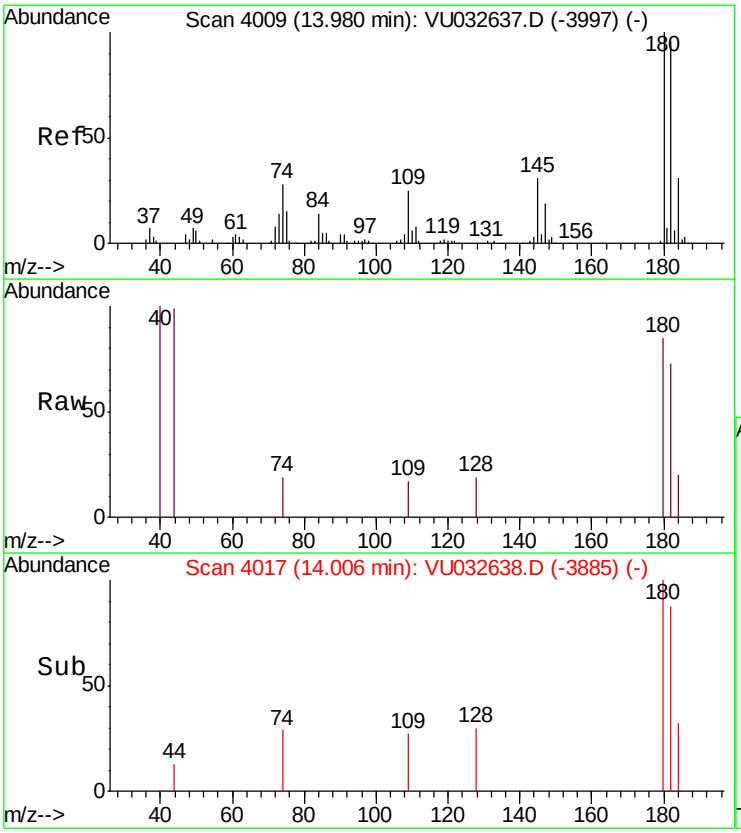
#69
Naphthalene
Concen: 0.339 ug/L
RT: 13.78 min Scan# 3946
Delta R.T. 0.04 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Instrument : MSVOA_U
ClientSampleId : VBLK58

Tgt Ion:128 Resp: 1707

Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.4	15.6#
129	2.3	8.5	12.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.774 ug/L
RT: 14.01 min Scan# 4017
Delta R.T. 0.03 min
Lab File: VU032638.D
Acq: 12 Jun 2019 09:58

Tgt Ion:180 Resp: 1284

Ion	Ratio	Lower	Upper
180	100		
182	78.2	76.7	115.1
145	5.5	25.4	38.2#