Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

Quantitation Report (Not Reviewed)

Data File : VU032596.D
Acq On : 11 Jun 2019 09:52
Operator : JC/SP
Sample : VU0611WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK56

Quant Time: Jun 12 05:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179370	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84976	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	58536	50.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.60%			
7) Chloroethane-d5	1.68	69	47199	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.94%			
11) 1,1-Dichloroethene-d2	2.27	63	88490	38.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.68%			
21) 2-Butanone-d5	4.17	46	98078	100.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.71%			
24) Chloroform-d	4.64	84	108403	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.90%			
26) 1,2-Dichloroethane-d4	5.30	65	72312	52.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.78%			
32) Benzene-d6	5.33	84	224405	51.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.84%			
36) 1,2-Dichloropropane-d6	6.32	67	70533	52.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.08%			
41) Toluene-d8	7.56	98	207634	50.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.32%			
43) trans-1,3-Dichloropropene-	7.85	79	33210	51.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.40%			
47) 2-Hexanone-d5	8.31	63	59337	90.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.25%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99002	50.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.82%			
64) 1,2-Dichlorobenzene-d4	11.85	152	83527	51.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.64%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	833	0.760	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	812	0.763	ug/L #	1
13) Acetone	2.32	43	771	0.767	ug/L	53
37) 1,2-Dichloropropane	6.32	63	7698	6.208	ug/L #	88
40) 4-Methyl-2-pentanone	7.47	43	1002	0.502	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1591	0.916	ug/L	92
48) 2-Hexanone	8.36	43	5699	3.478	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	10519	6.525	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	1457	0.554	ug/L	88
68) 1,2,4-trichlorobenzene	13.52	180	1012	0.597	ug/L #	76
69) Naphthalene	13.77	128	2669	0.499	ug/L #	94

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

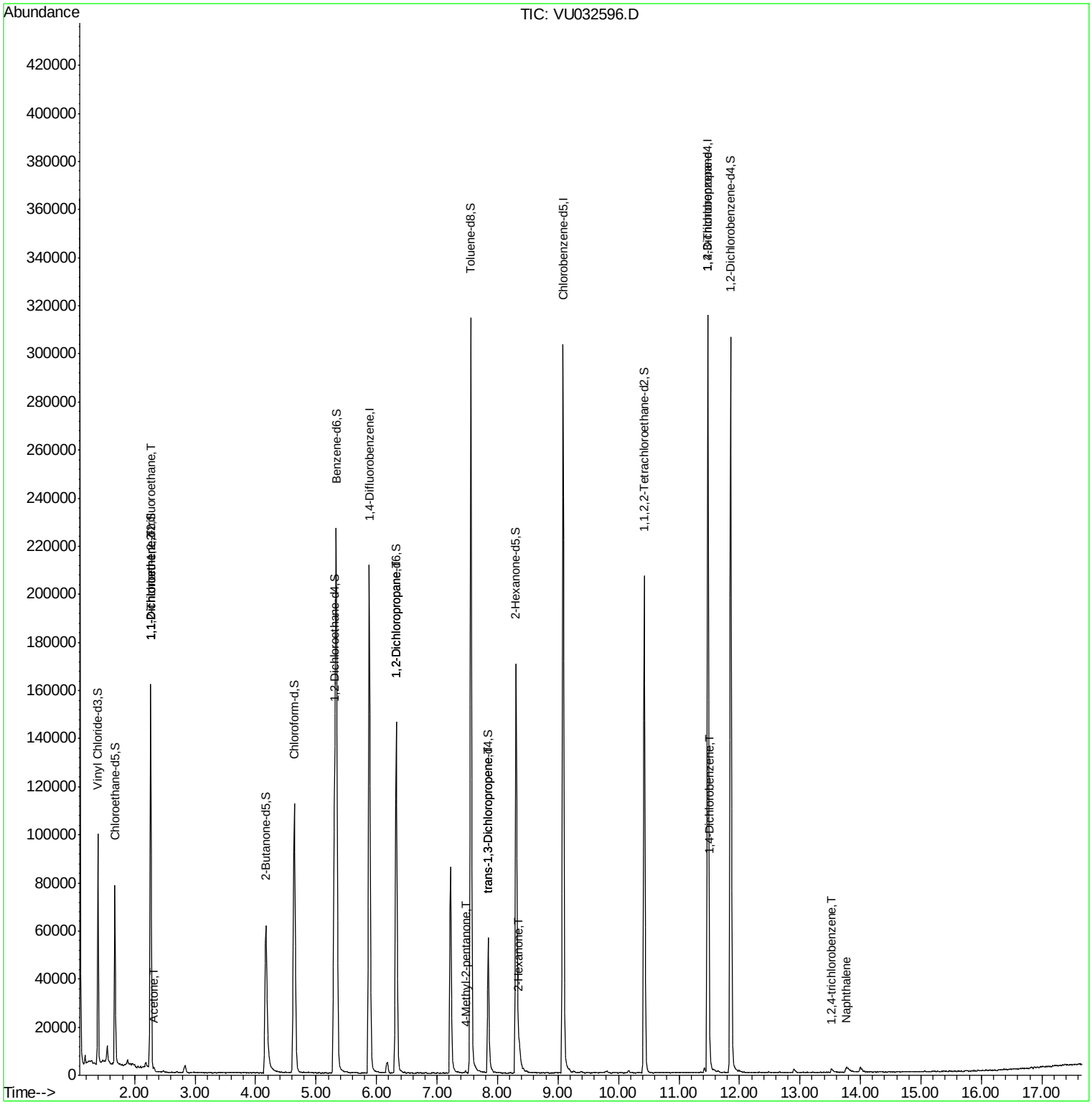
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

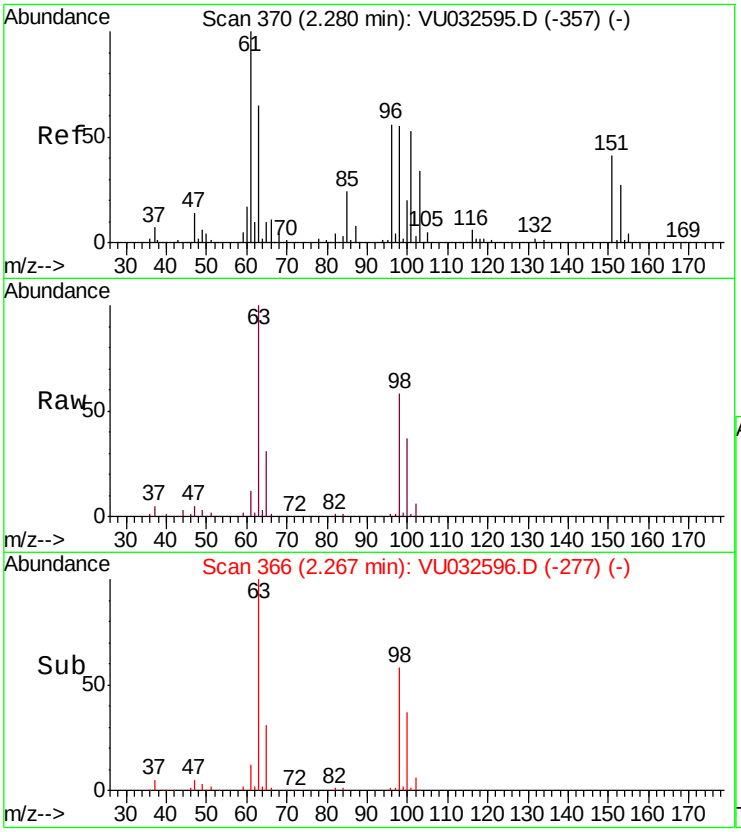
Quantitation Report (Not Reviewed)

Data File : VU032596.D
Acq On : 11 Jun 2019 09:52
Operator : JC/SP
Sample : VU0611WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK56

Quant Time: Jun 12 05:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration



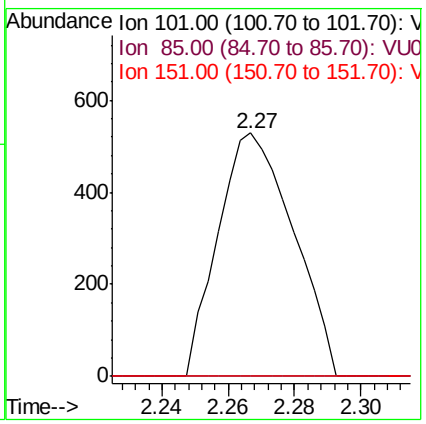


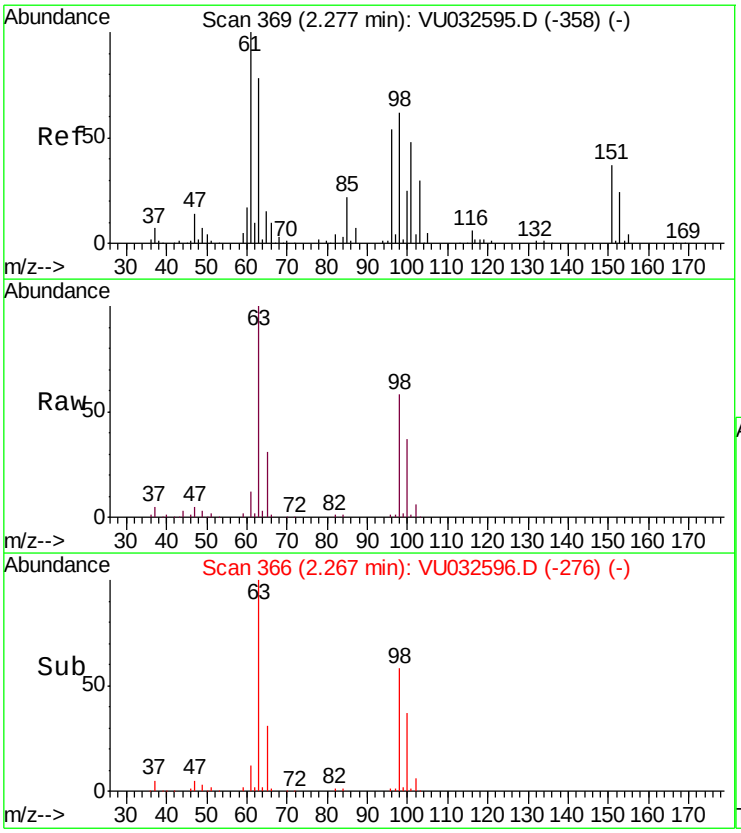
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.760 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:101 Resp: 833

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

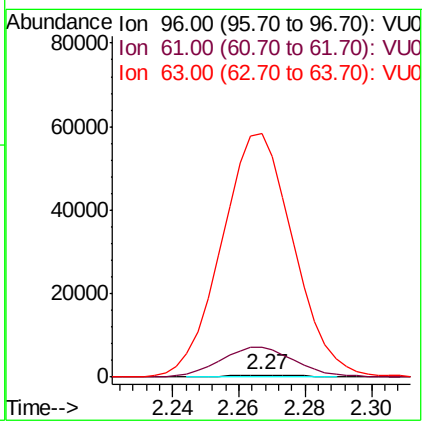


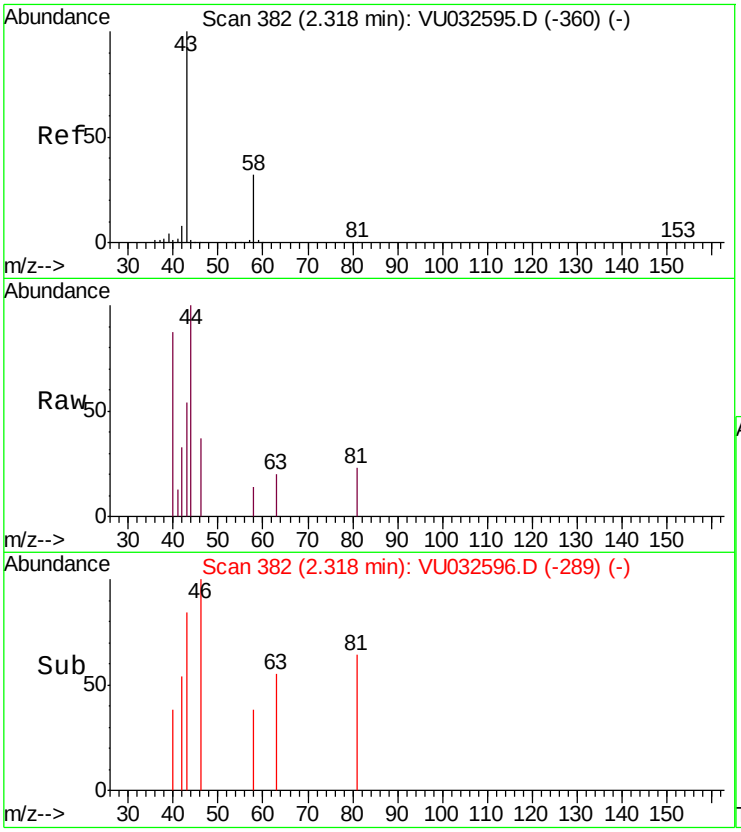


#12
1,1-Dichloroethene
Concen: 0.763 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Tgt Ion: 96 Resp: 812

Ion	Ratio	Lower	Upper
96	100		
61	1305.7	129.5	240.5#
63	10643.8	103.4	192.0#



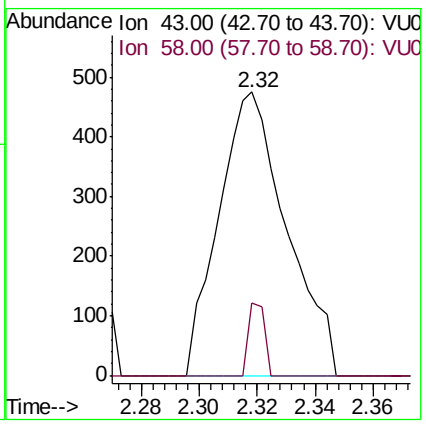


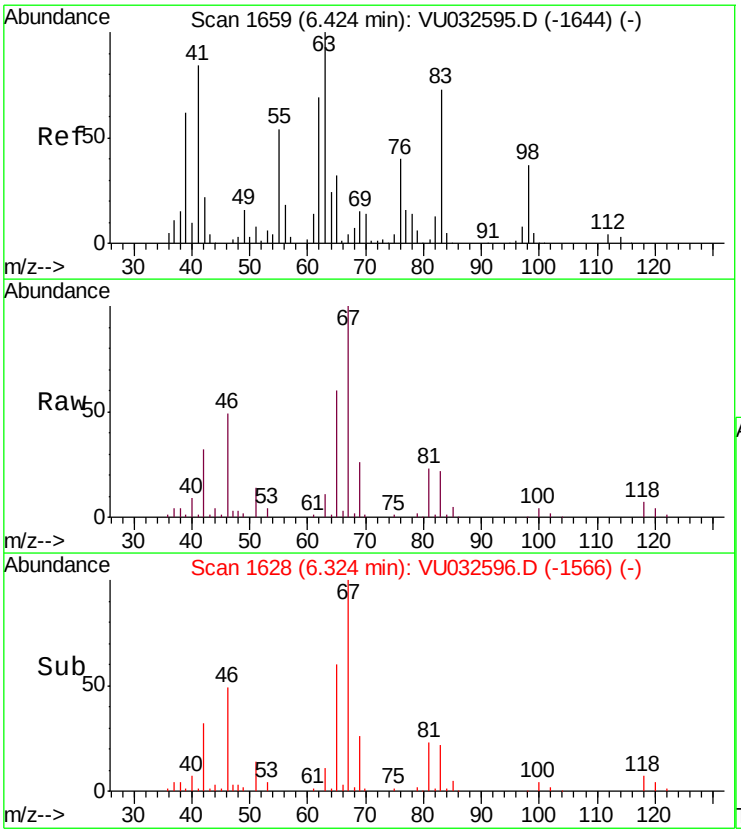
#13
Acetone
Concen: 0.767 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 43 Resp: 771

Ion	Ratio	Lower	Upper
43	100		
58	5.8	0.0	64.0

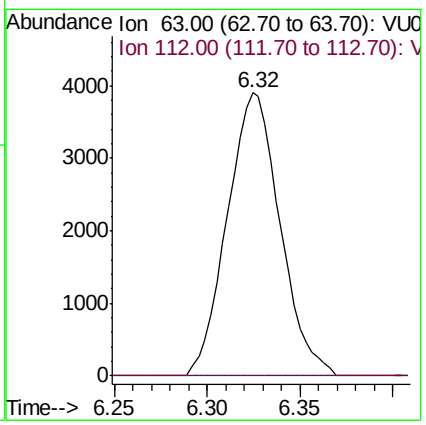


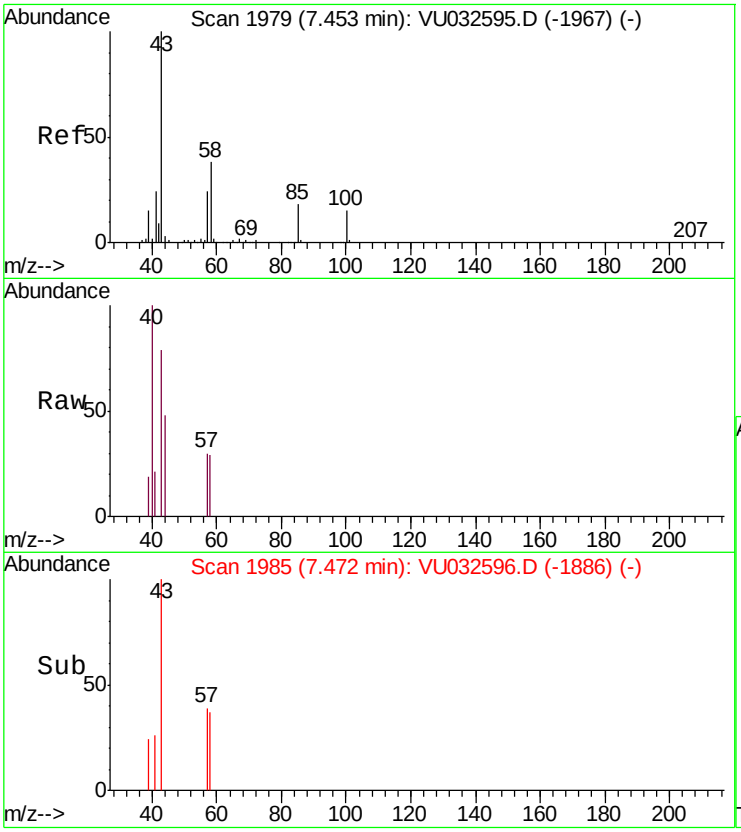


#37
1,2-Dichloropropane
Concen: 6.208 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Tgt Ion: 63 Resp: 7698

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



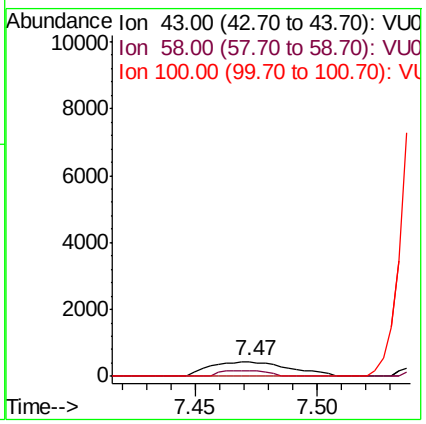


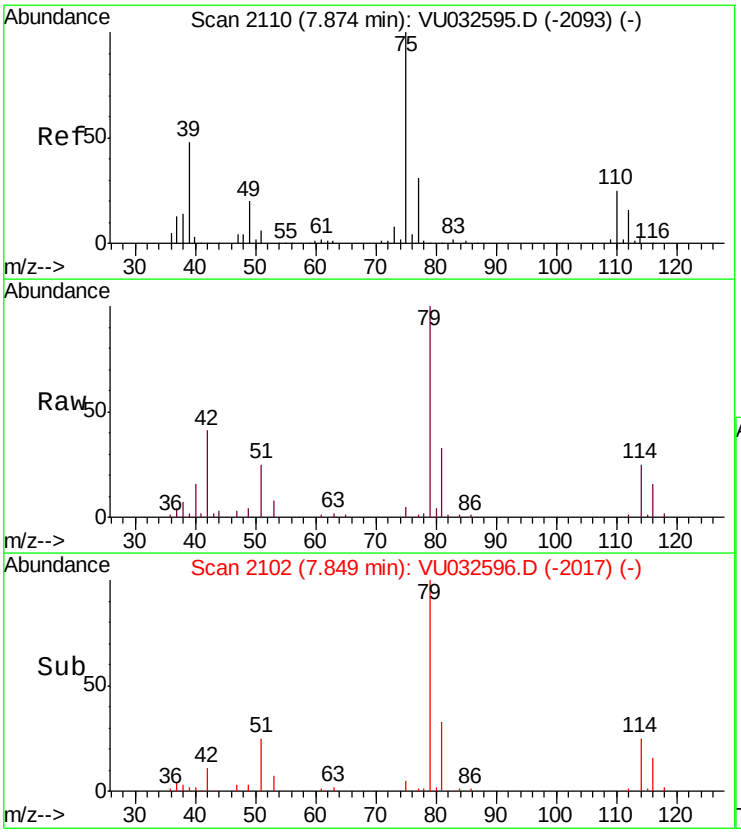
#40
4-Methyl-2-pentanone
Concen: 0.502 ug/L
RT: 7.47 min Scan# 1985
Delta R.T. 0.02 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 43 Resp: 1002

Ion	Ratio	Lower	Upper
43	100		
58	22.7	30.8	46.2#
100	0.0	12.1	18.1#

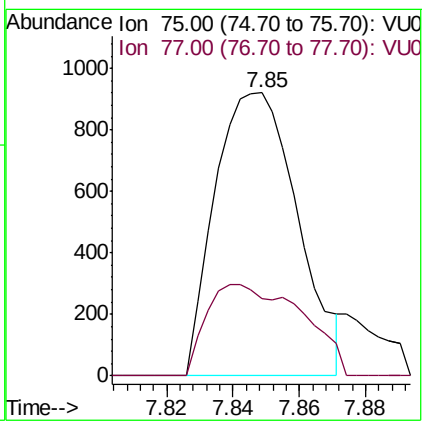


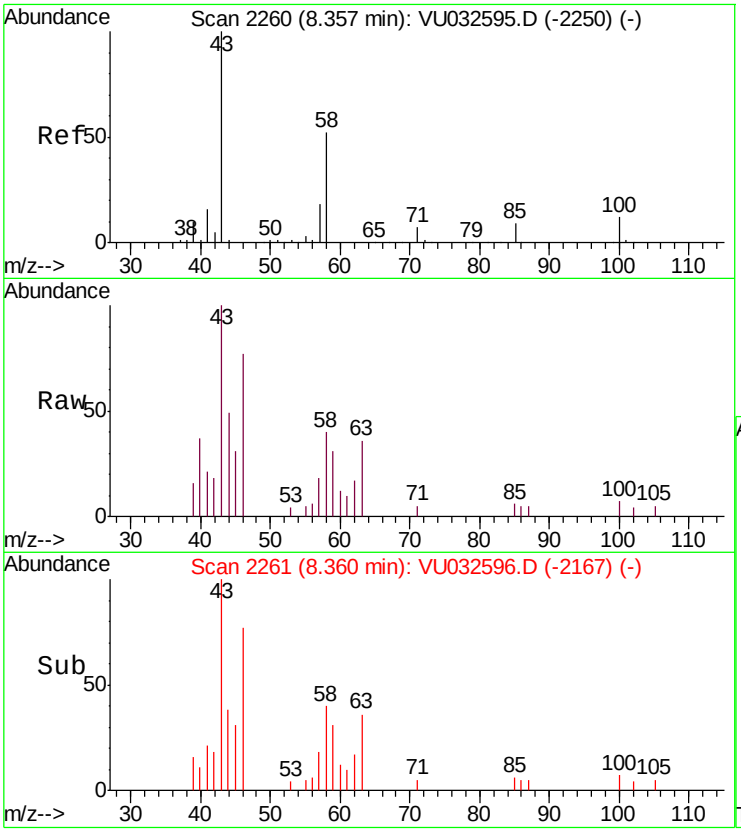


#44
trans-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Tgt Ion: 75 Resp: 1591

Ion	Ratio	Lower	Upper
75	100		
77	27.1	22.1	41.1



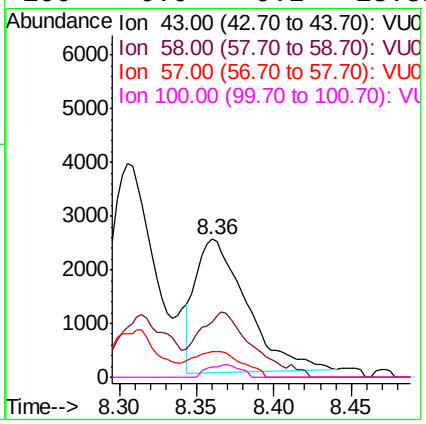


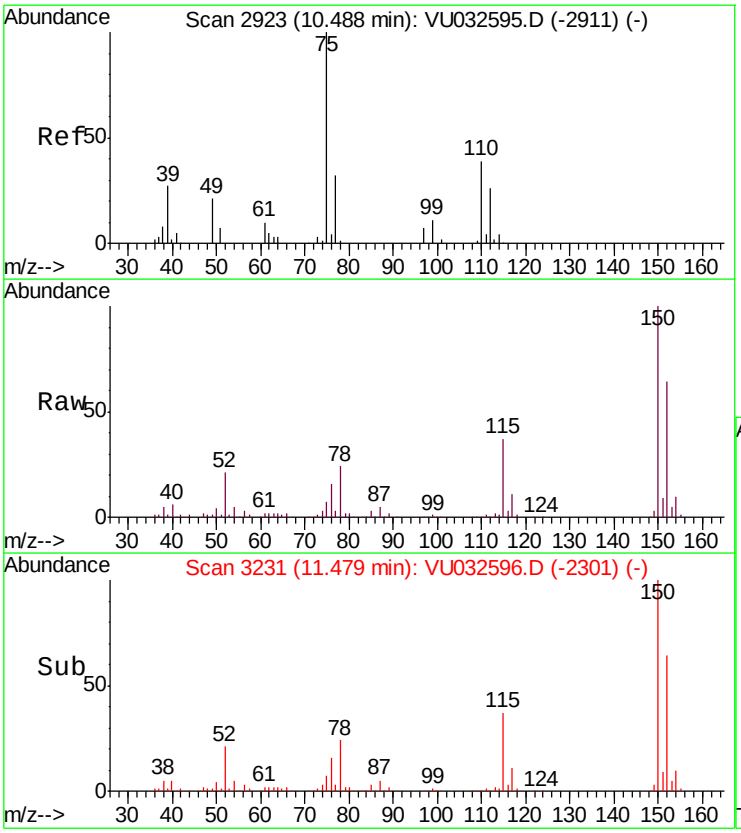
#48
2-Hexanone
Concen: 3.478 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument : MSVOA_U
ClientSampleId : VBLK56

Tgt Ion: 43 Resp: 5699

Ion	Ratio	Lower	Upper
43	100		
58	43.8	42.0	63.0
57	19.3	14.6	22.0
100	6.0	9.2	13.8#

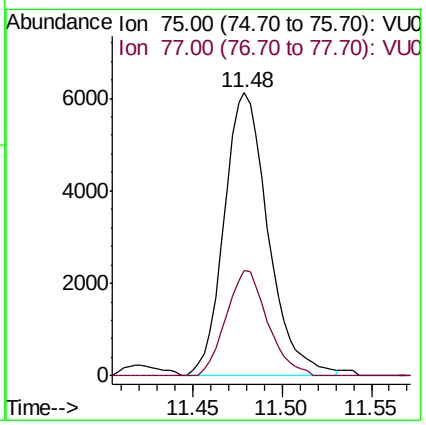


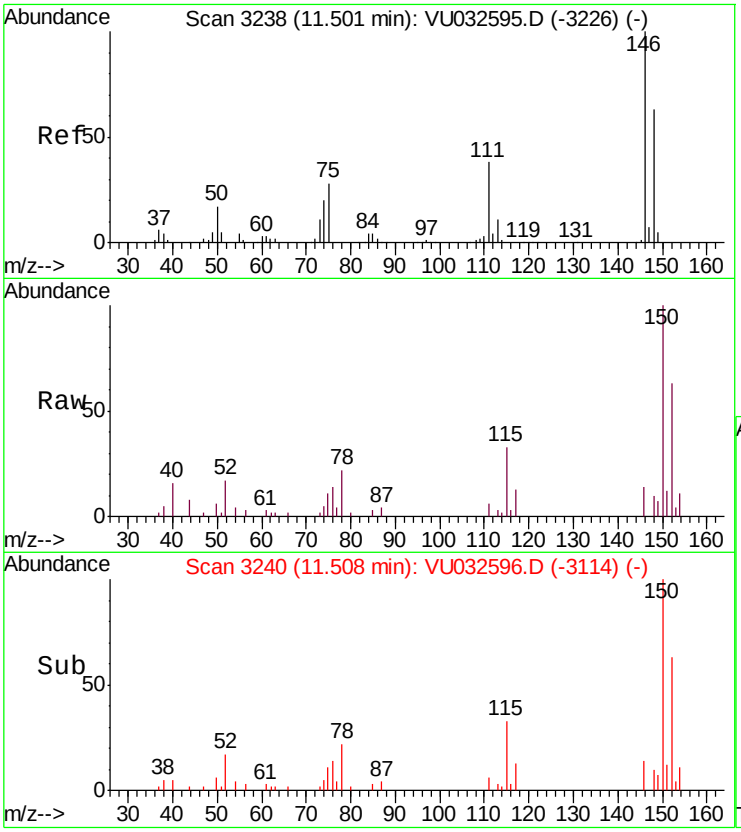


#59
1,2,3-Trichloropropane
Concen: 6.525 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Tgt Ion: 75 Resp: 10519

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.6	38.4



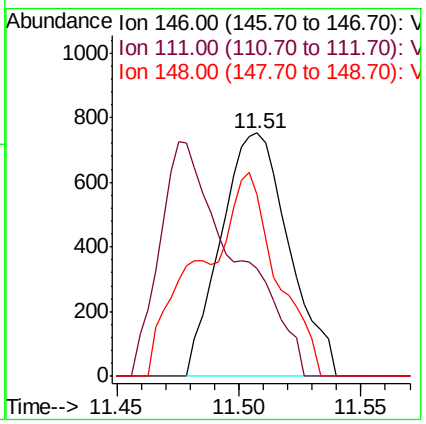


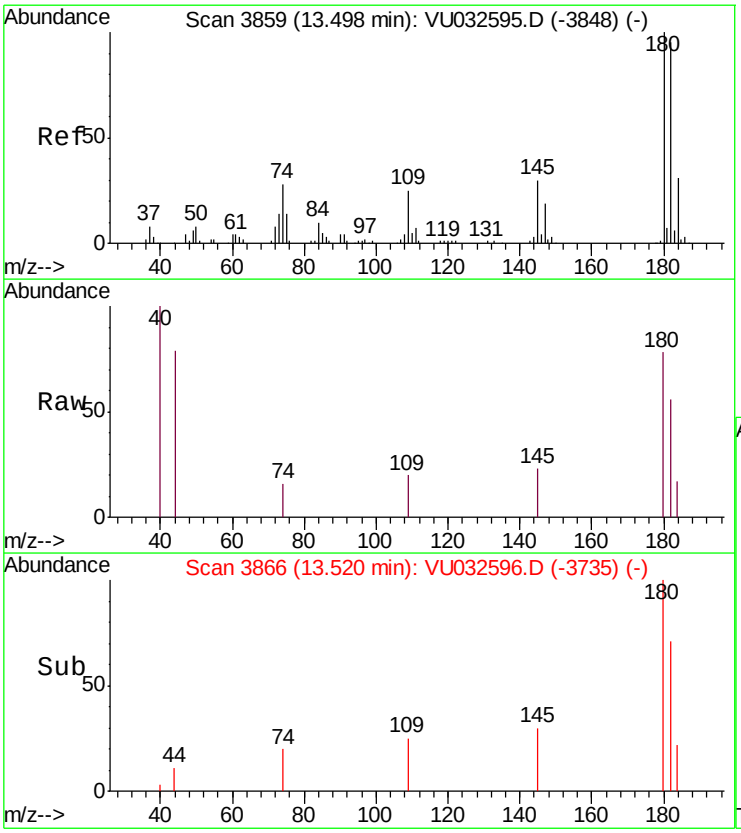
#63
1,4-Dichlorobenzene
Concen: 0.554 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.01 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:146 Resp: 1457

Ion	Ratio	Lower	Upper
146	100		
111	44.1	26.6	49.4
148	74.9	44.9	83.5

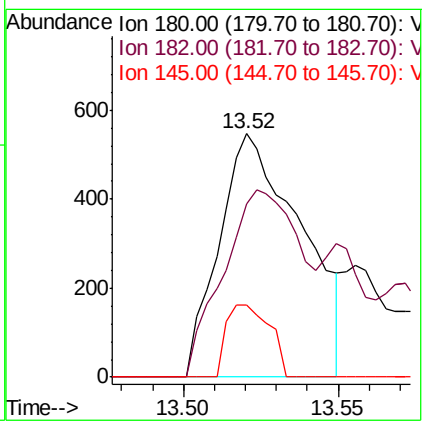


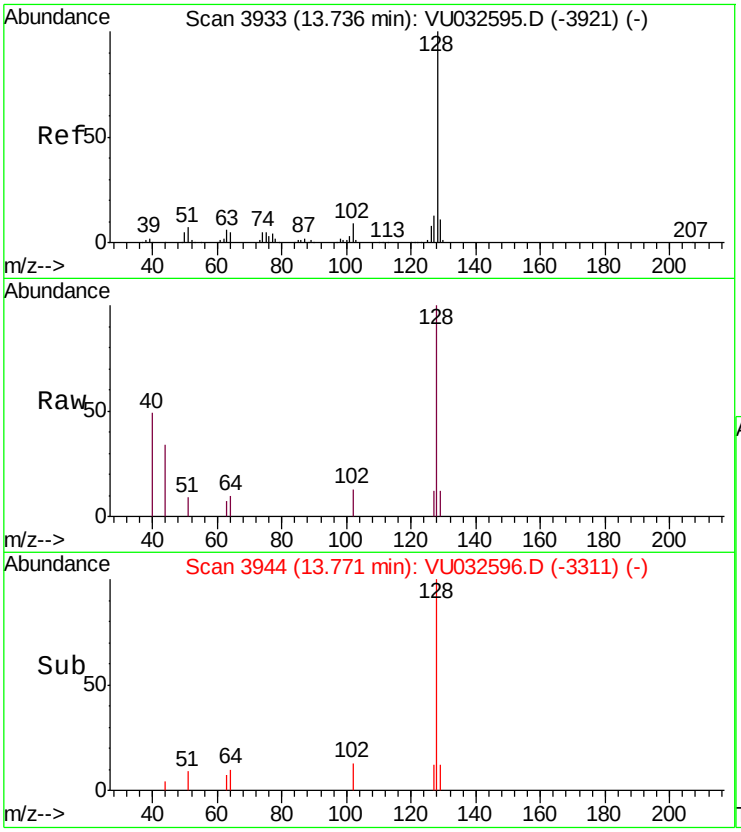


#68
1,2,4-trichlorobenzene
Concen: 0.597 ug/L
RT: 13.52 min Scan# 3866
Delta R.T. 0.02 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Tgt Ion:180 Resp: 1012

Ion	Ratio	Lower	Upper
180	100		
182	73.0	76.5	114.7#
145	15.7	23.8	35.6#





#69
Naphthalene
Concen: 0.499 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.04 min
Lab File: VU032596.D
Acq: 11 Jun 2019 09:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:128 Resp: 2669

Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.4	15.6#
129	11.5	8.5	12.7