Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

Quantitation Report (Not Reviewed)

Data File : VU033101.D
Acq On : 01 Jul 2019 09:34
Operator : JC/SP
Sample : VU0701MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK49

Quant Time: Jul 02 04:19:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	180371	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	178628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81214	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	44187	35.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.70%			
7) Chloroethane-d5	1.68	69	41404	42.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.24%			
11) 1,1-Dichloroethene-d2	2.26	63	76357	30.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.50%			
21) 2-Butanone-d5	4.17	46	118628	115.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.62%			
24) Chloroform-d	4.64	84	118584	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.96%			
26) 1,2-Dichloroethane-d4	5.30	65	84352	52.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.68%			
32) Benzene-d6	5.33	84	213318	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.62%			
36) 1,2-Dichloropropane-d6	6.32	67	73513	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.12%			
41) Toluene-d8	7.56	98	189002	43.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.68%			
43) trans-1,3-Dichloropropene-	7.85	79	35336	45.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.58%			
47) 2-Hexanone-d5	8.31	63	64534	93.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.17%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	113817	49.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.26%			
64) 1,2-Dichlorobenzene-d4	11.85	152	78562	49.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.98%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	665	0.705	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	675	0.560	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	630	0.555	ug/L #	1
13) Acetone	2.32	43	1258	0.888	ug/L	81
37) 1,2-Dichloropropane	6.32	63	8906	6.309	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2474	1.125	ug/L	84
40) 4-Methyl-2-pentanone	7.46	43	1419	0.630	ug/L #	77
44) trans-1,3-Dichloropropene	7.84	75	1922	0.931	ug/L	83
48) 2-Hexanone	8.36	43	6287	3.162	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	11294	5.996	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	1445	0.554	ug/L	90

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

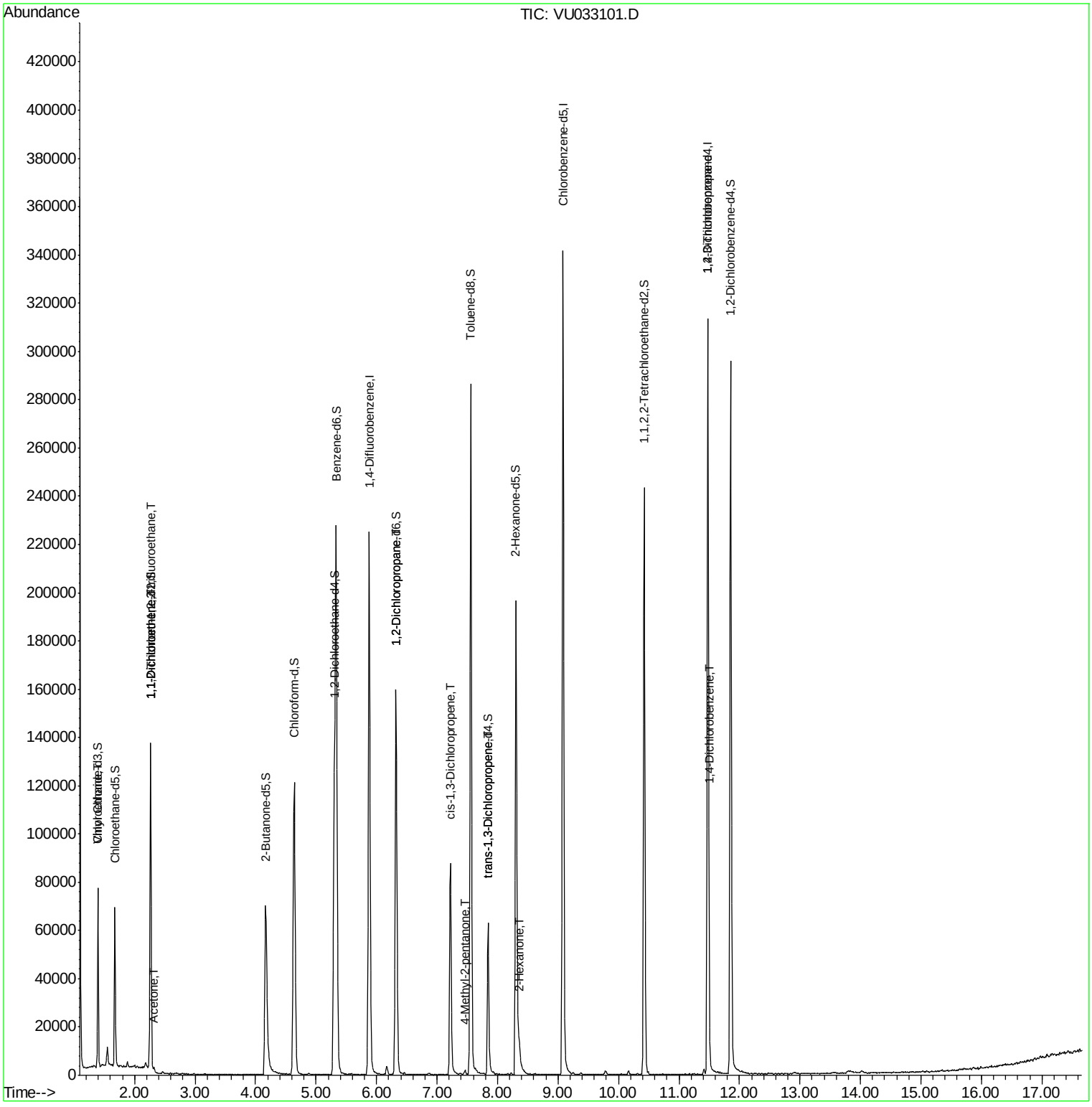
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

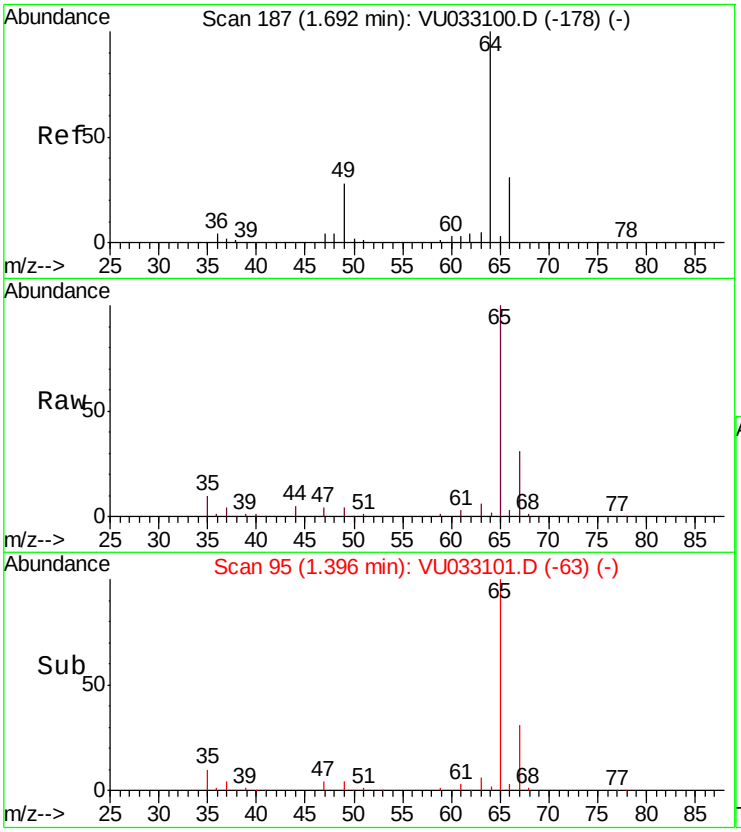
Quantitation Report (Not Reviewed)

Data File : VU033101.D
Acq On : 01 Jul 2019 09:34
Operator : JC/SP
Sample : VU0701MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK49

Quant Time: Jul 02 04:19:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration



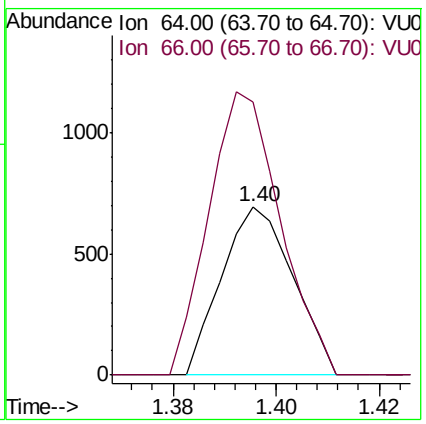


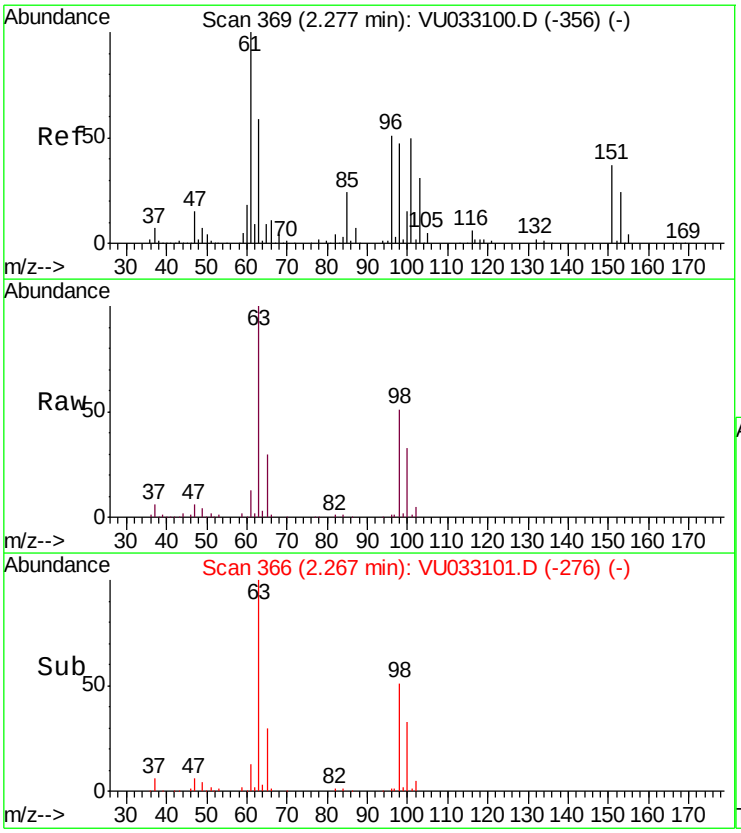
#8
Chloroethane
Concen: 0.705 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument : MSVOA_U
ClientSampleId : VBLK49

Tgt Ion: 64 Resp: 665

Ion	Ratio	Lower	Upper
64	100		
66	162.4	22.5	41.7#

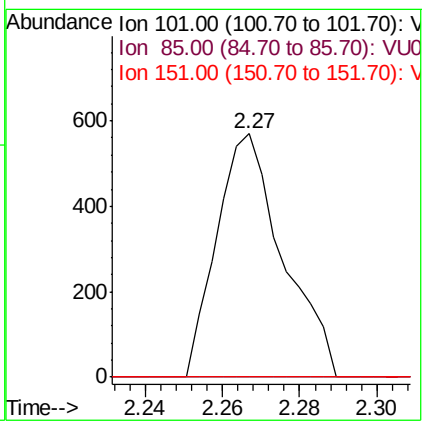


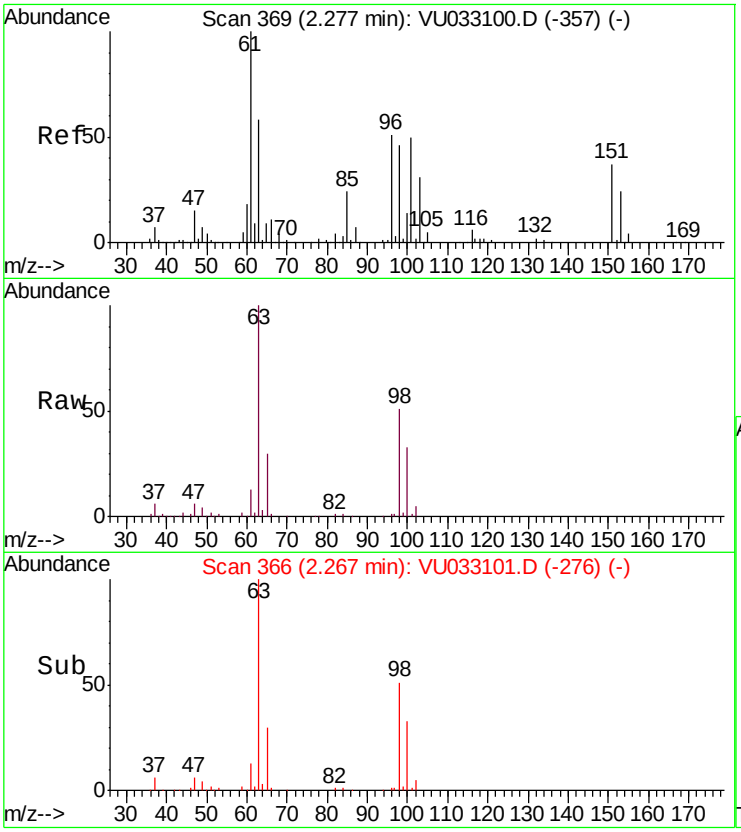


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.560 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Tgt Ion:101 Resp: 675

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



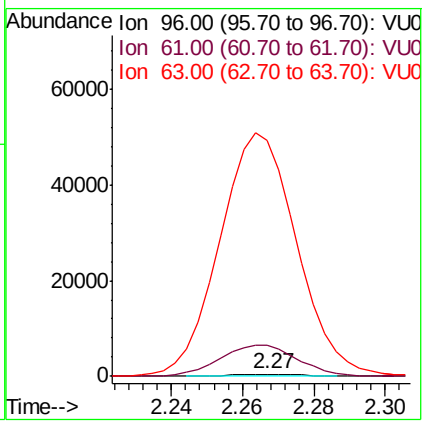


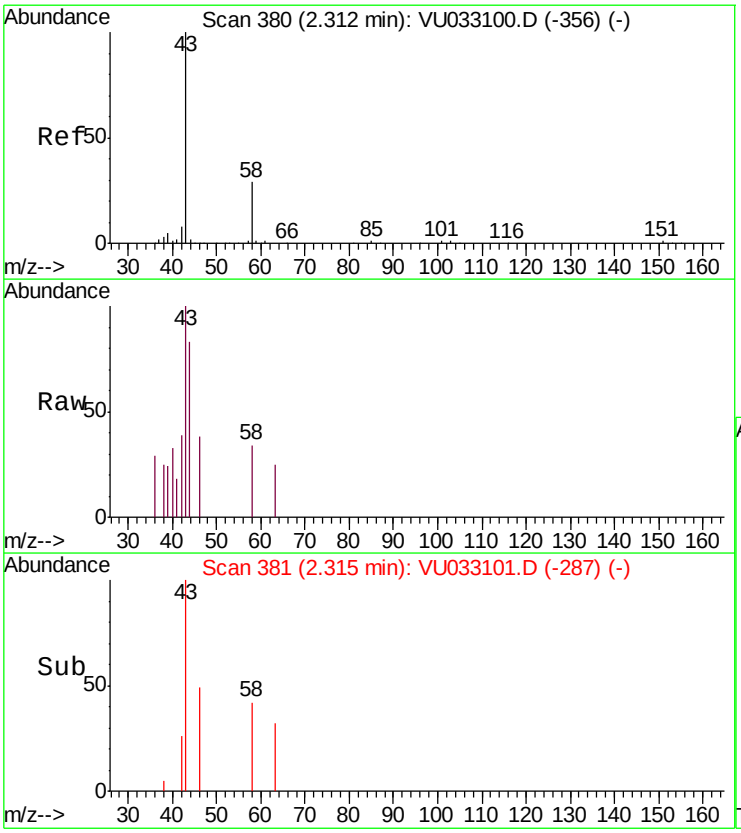
#12
1,1-Dichloroethene
Concen: 0.555 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 96 Resp: 630

Ion	Ratio	Lower	Upper
96	100		
61	1466.3	131.0	243.4#
63	11205.5	101.0	187.6#

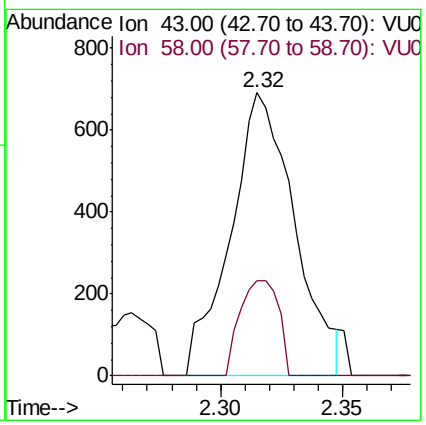


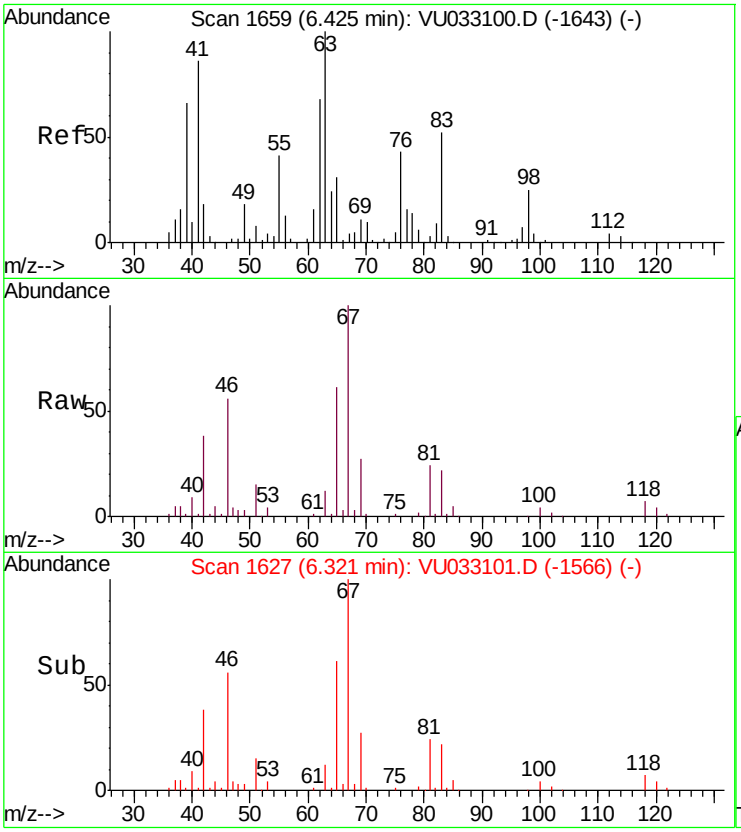


#13
Acetone
Concen: 0.888 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Tgt Ion: 43 Resp: 1258

Ion	Ratio	Lower	Upper
43	100		
58	20.0	0.0	60.6



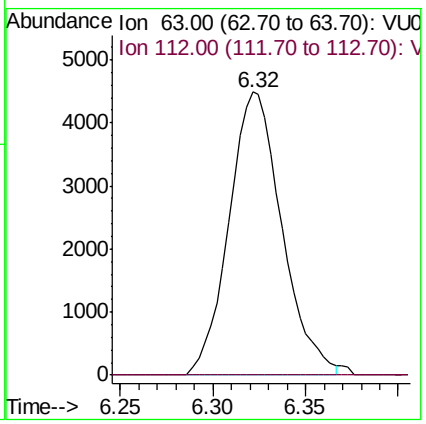


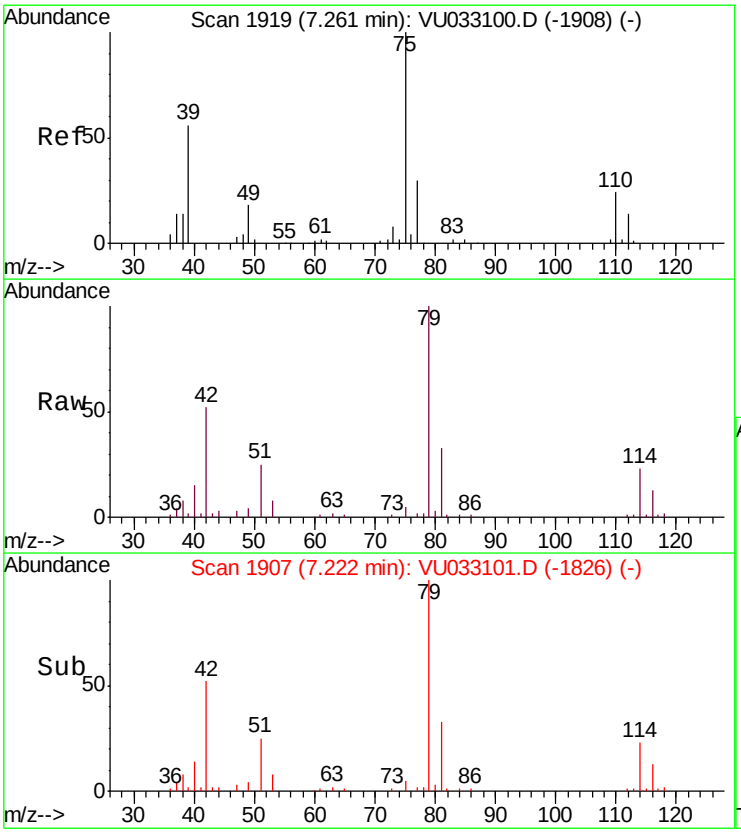
#37
1,2-Dichloropropane
Concen: 6.309 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 63 Resp: 8906

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

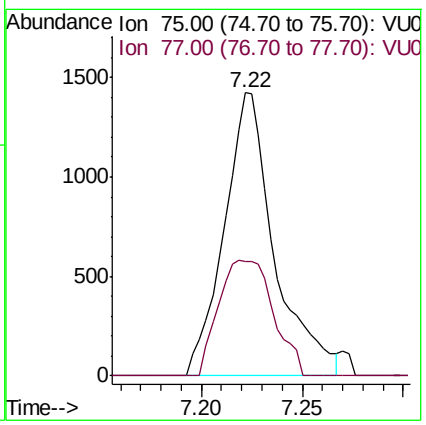


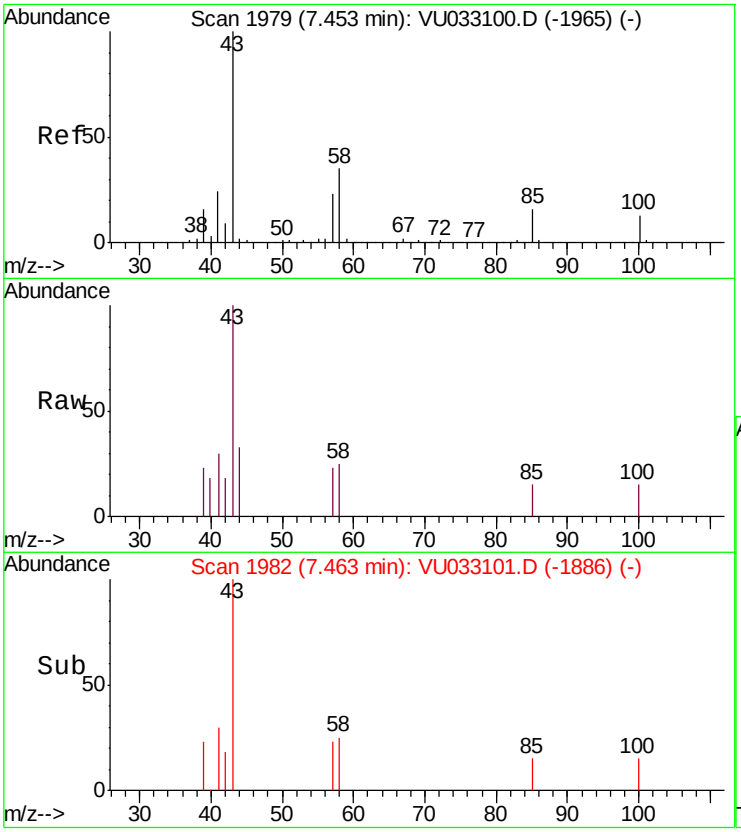


#39
cis-1,3-Dichloropropene
Concen: 1.125 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Tgt Ion: 75 Resp: 2474

Ion	Ratio	Lower	Upper
75	100		
77	40.3	21.9	40.7



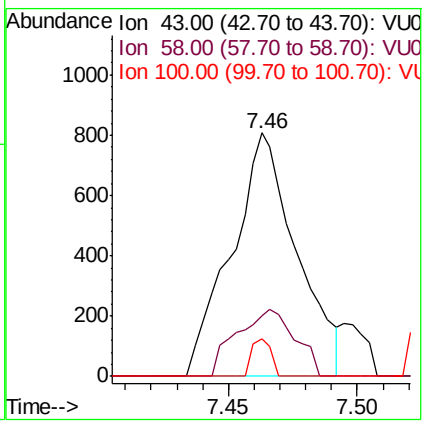


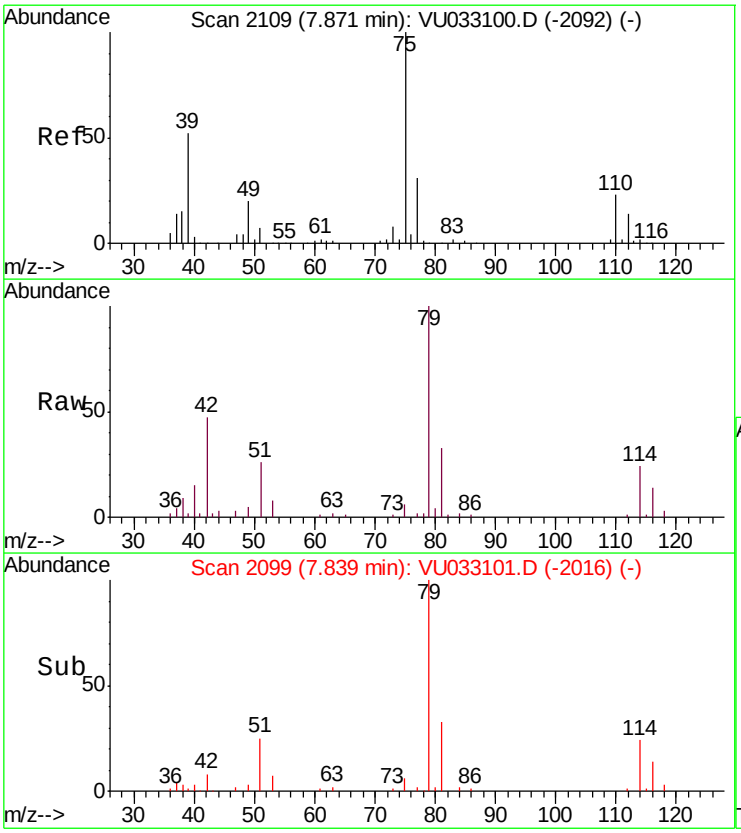
#40
4-Methyl-2-pentanone
Concen: 0.630 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument : MSVOA_U
ClientSampleId : VBLK49

Tgt Ion: 43 Resp: 1419

Ion	Ratio	Lower	Upper
43	100		
58	23.5	29.4	44.2#
100	4.5	11.2	16.8#

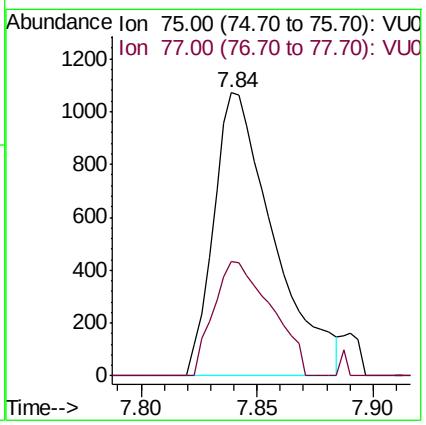


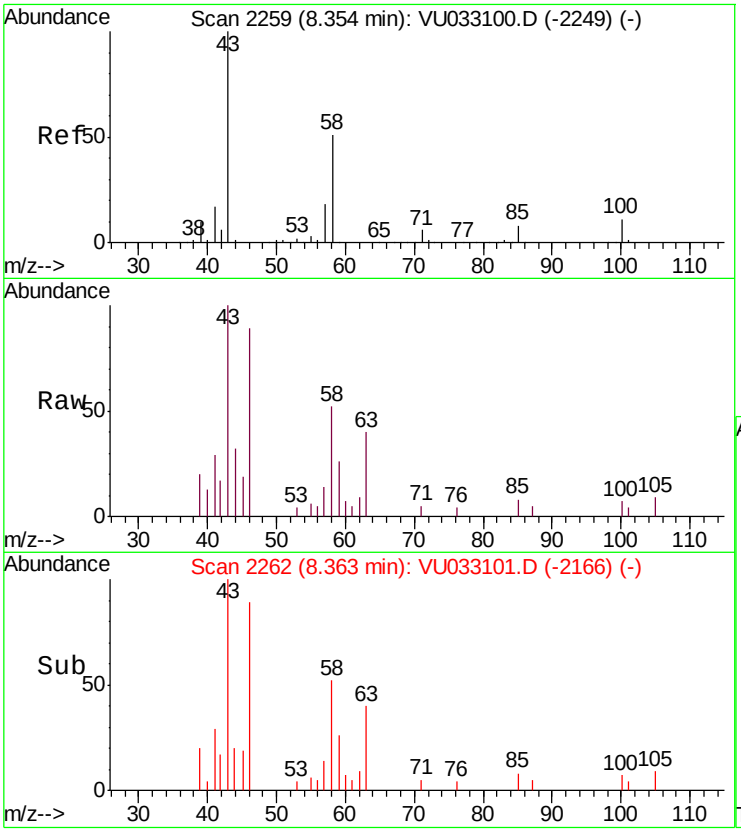


#44
trans-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.84 min Scan# 2099
Delta R.T. -0.03 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Tgt Ion: 75 Resp: 1922

Ion	Ratio	Lower	Upper
75	100		
77	40.2	21.8	40.4



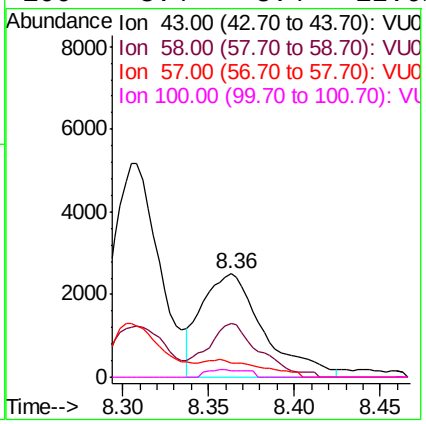


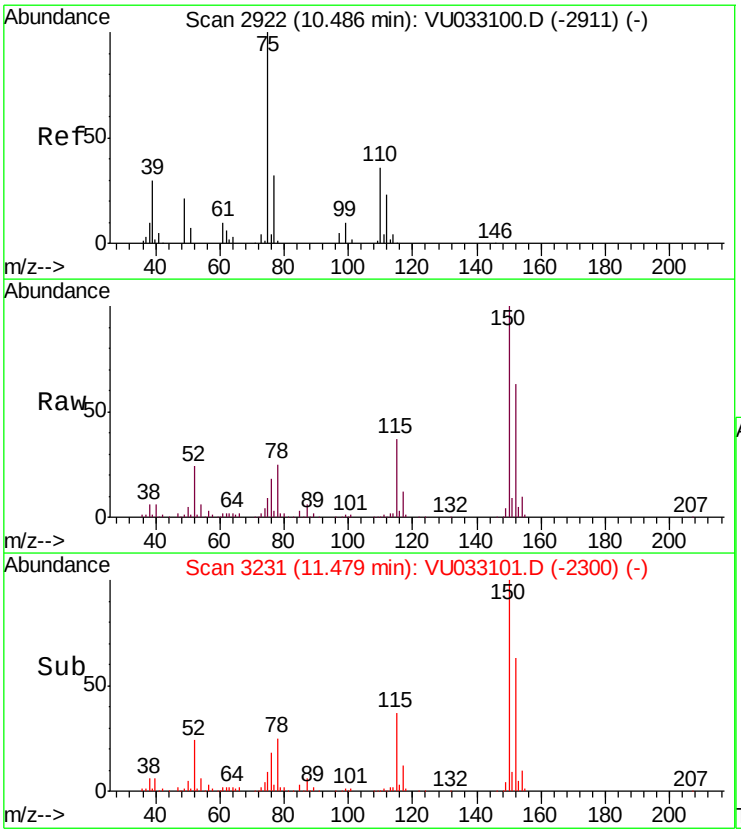
#48
2-Hexanone
Concen: 3.162 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument : MSVOA_U
ClientSampleId : VBLK49

Tgt Ion: 43 Resp: 6287

Ion	Ratio	Lower	Upper
43	100		
58	38.7	40.2	60.2#
57	0.0	14.2	21.4#
100	3.4	8.4	12.6#

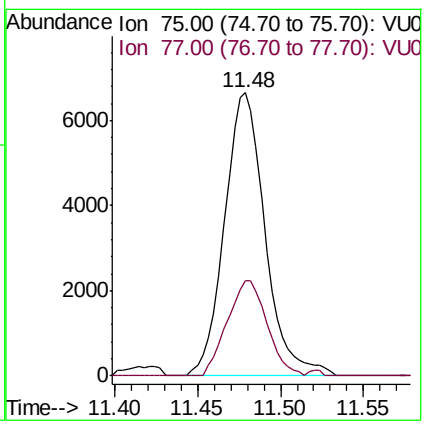


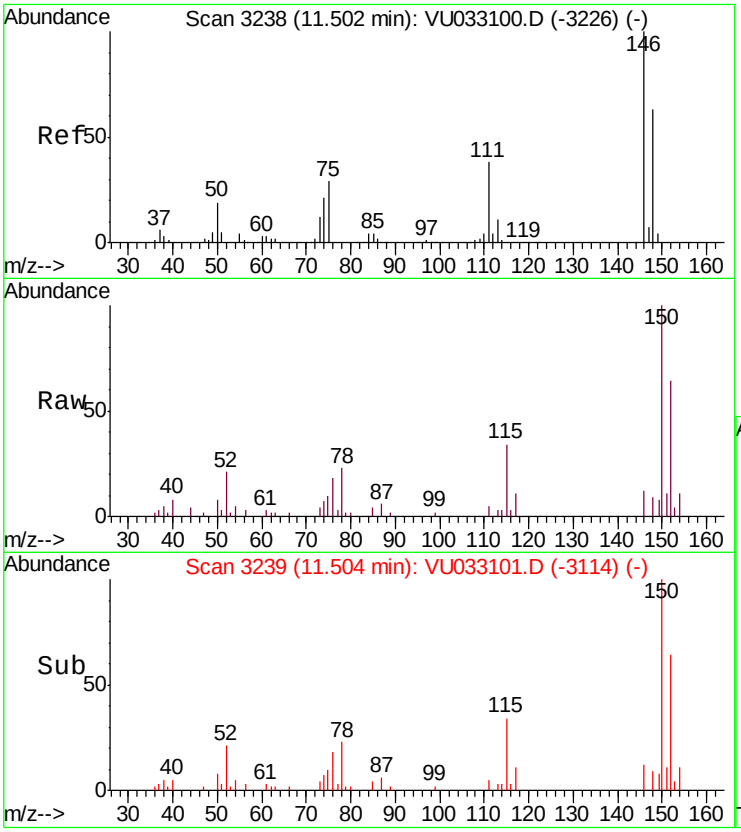


#59
1,2,3-Trichloropropane
Concen: 5.996 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Tgt Ion: 75 Resp: 11294

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.5	38.3





#63
1,4-Dichlorobenzene
Concen: 0.554 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU033101.D
Acq: 01 Jul 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion:146 Resp: 1445

Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.9	50.1
148	76.6	44.7	83.1