Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Not Reviewed)

Data File : VU030794.D
Acq On : 06 Apr 2019 12:52
Operator : JC/SP
Sample : VU0407MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK47

Quant Time: Apr 08 05:03:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 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	482112	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476334	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201326	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	226382	52.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.20%			
7) Chloroethane-d5	1.68	69	176357	53.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.98%			
11) 1,1-Dichloroethene-d2	2.27	63	316589	40.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.34%			
21) 2-Butanone-d5	4.17	46	382781	112.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.22%			
24) Chloroform-d	4.64	84	334272	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.70%			
26) 1,2-Dichloroethane-d4	5.30	65	239890	53.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.96%			
32) Benzene-d6	5.33	84	712278	51.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.44%			
36) 1,2-Dichloropropane-d6	6.32	67	251219	52.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.44%			
41) Toluene-d8	7.56	98	622221	50.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.96%			
43) trans-1,3-Dichloropropene-	7.85	79	110888	51.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.06%			
47) 2-Hexanone-d5	8.31	63	226384	103.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324532	50.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	211135	53.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.66%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2729	0.791	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2513	0.754	ug/L #	1
13) Acetone	2.32	43	2151	0.616	ug/L	84
25) Chloroform	4.67	83	22531	3.070	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	4734	0.667	ug/L #	94
44) trans-1,3-Dichloropropene	7.85	75	5004	0.904	ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	26791	5.068	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Not Reviewed)

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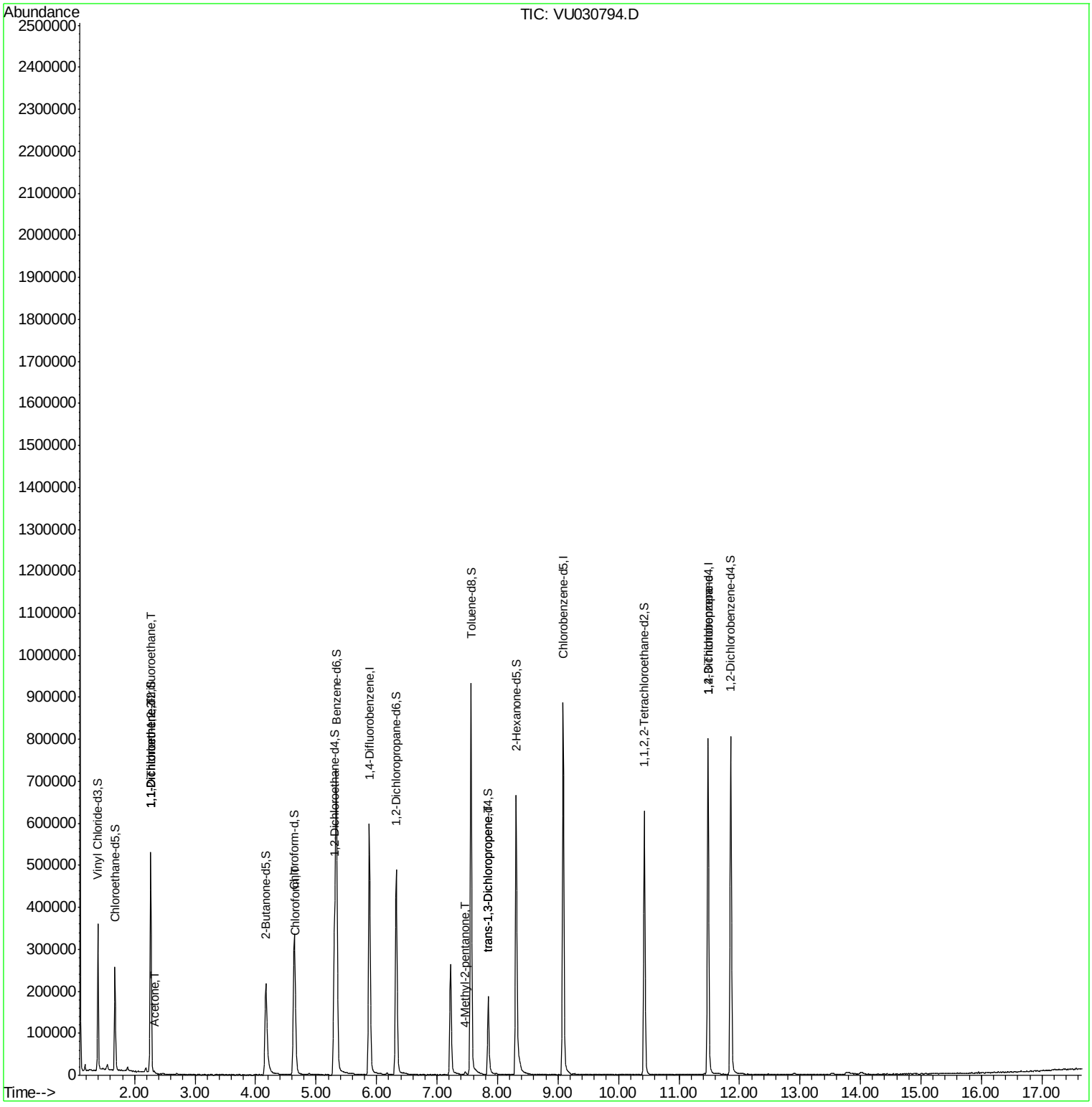
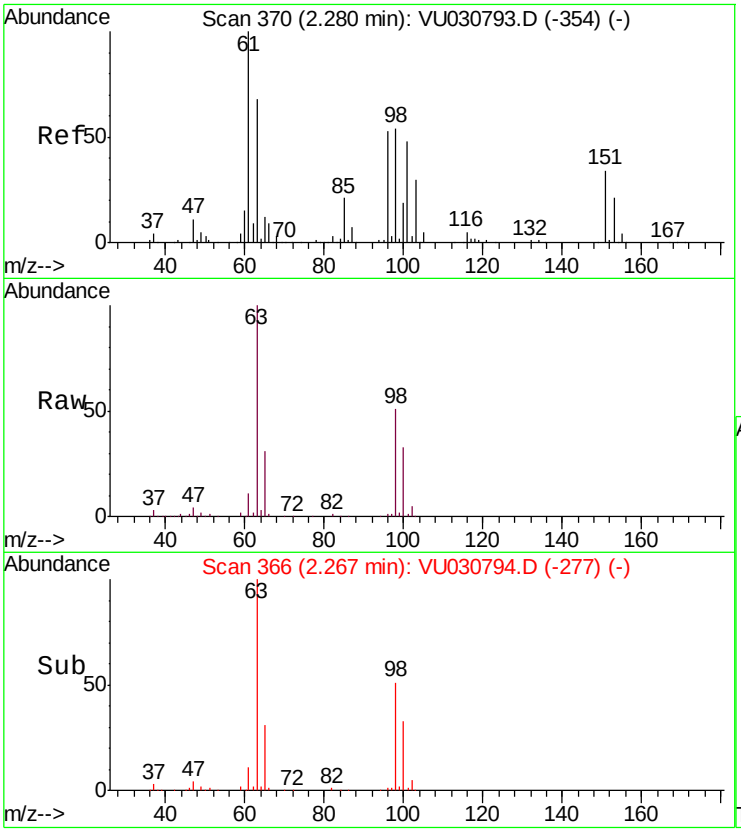
Acq On : 06 Apr 2019 12:52
Operator : JC/SP
Sample : VU0407MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK47

Quant Time: Apr 08 05:03:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



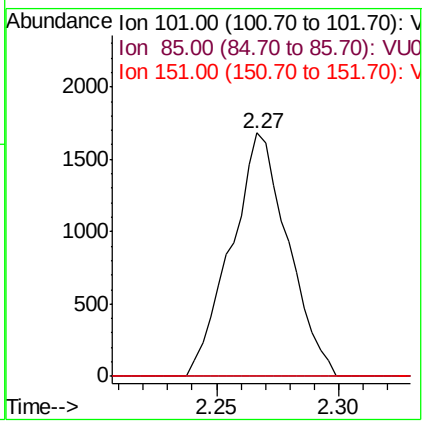


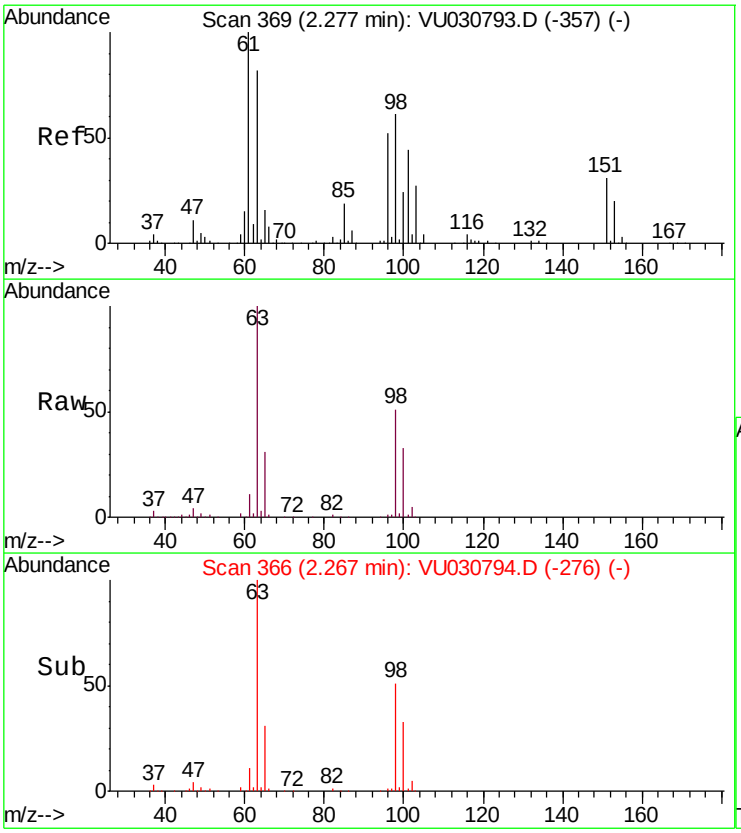
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.791 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion:101 Resp: 2729

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	57.4	86.0#

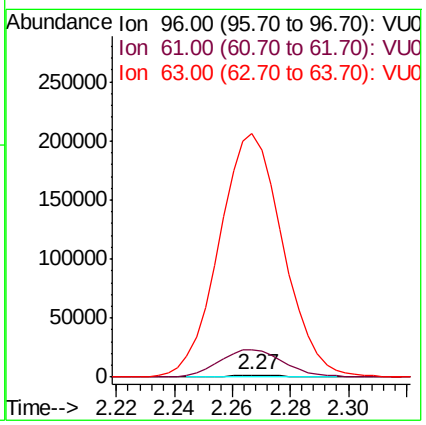


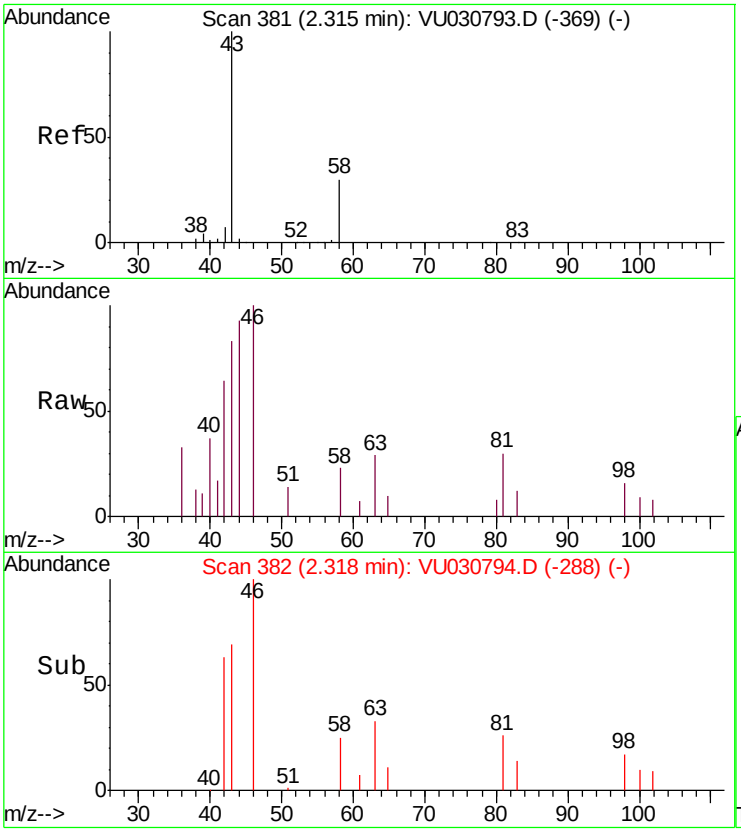


#12
1,1-Dichloroethene
Concen: 0.754 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Tgt Ion: 96 Resp: 2513

Ion	Ratio	Lower	Upper
96	100		
61	1388.7	132.0	245.2#
63	12437.2	90.9	168.9#



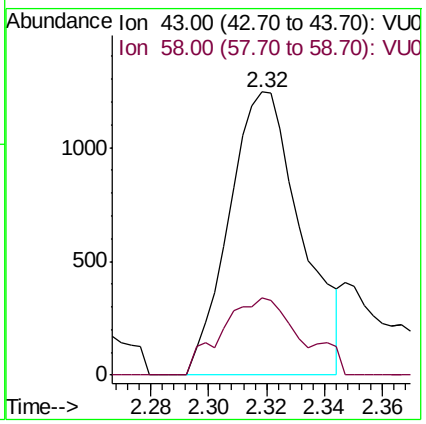


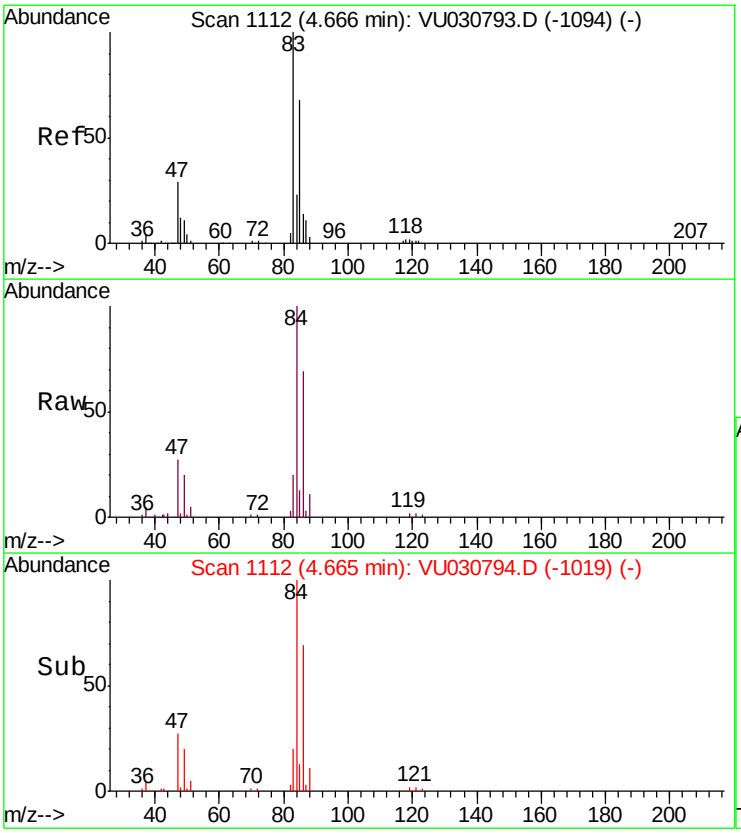
#13
Acetone
Concen: 0.616 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion: 43 Resp: 2151

Ion	Ratio	Lower	Upper
43	100		
58	22.8	0.0	64.0

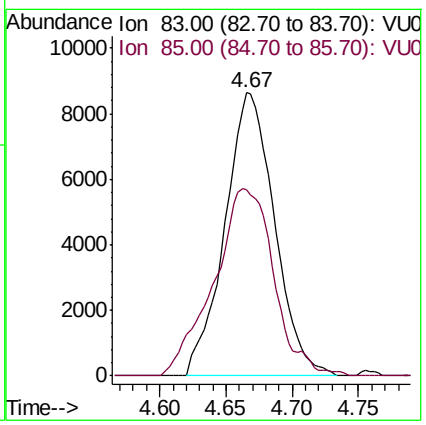


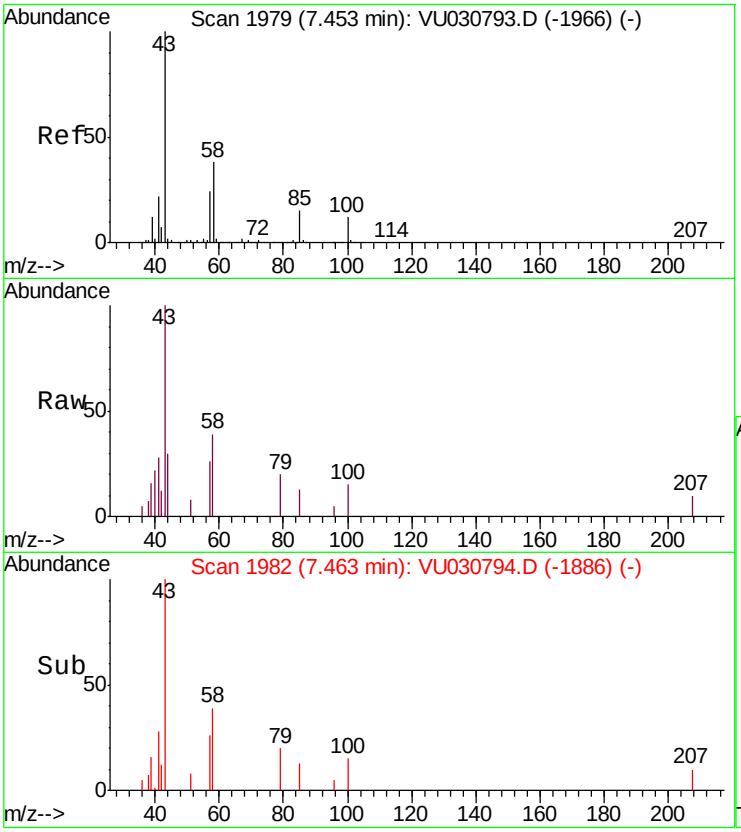


#25
Chloroform
Concen: 3.070 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Tgt Ion: 83 Resp: 22531

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.8	85.0



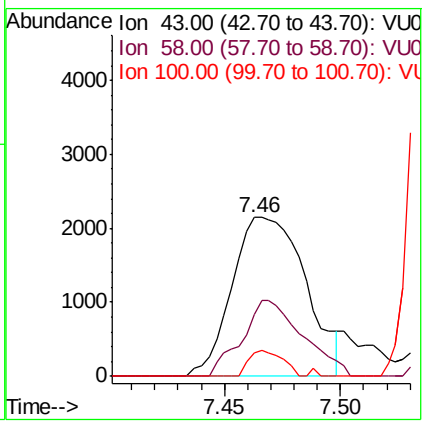


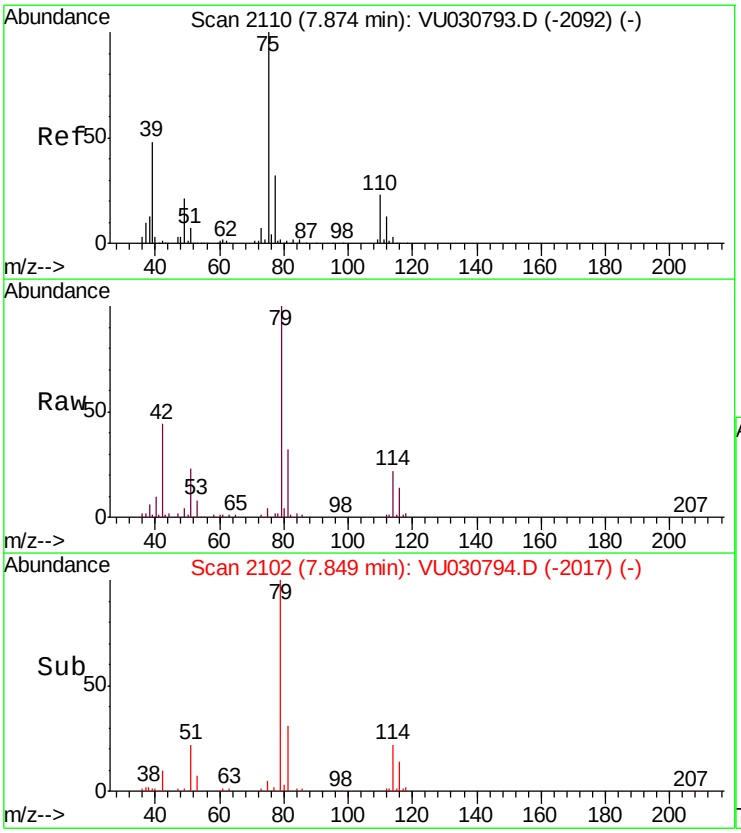
#40
4-Methyl-2-pentanone
Concen: 0.667 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion: 43 Resp: 4734

Ion	Ratio	Lower	Upper
43	100		
58	39.4	29.7	44.5
100	7.4	9.8	14.6#

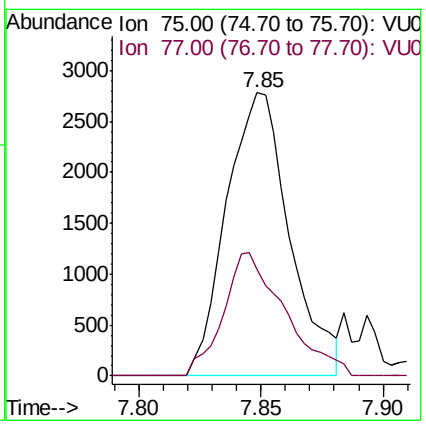


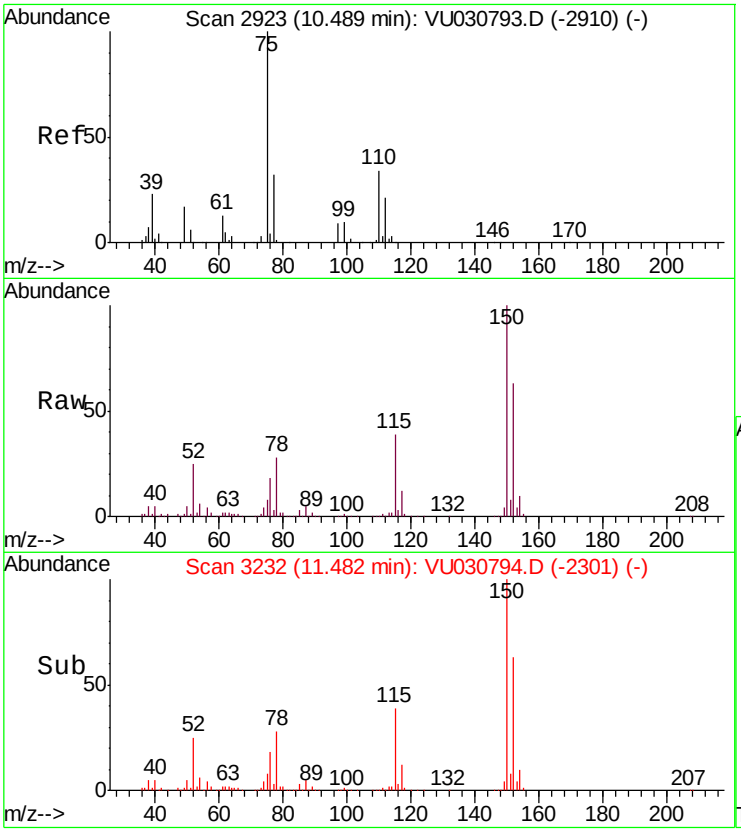


#44
trans-1,3-Dichloropropene
Concen: 0.904 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Tgt Ion: 75 Resp: 5004

Ion	Ratio	Lower	Upper
75	100		
77	37.6	21.6	40.0





#59
1,2,3-Trichloropropane
Concen: 5.068 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030794.D
Acq: 06 Apr 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion: 75 Resp: 26791

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.1	39.1