Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042219\

Quantitation Report (Not Reviewed)

Data File : VU031385.D
Acq On : 22 Apr 2019 11:41
Operator : JC/SP
Sample : K2403-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5133

Quant Time: Apr 23 01:02:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	540534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193881	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	187753	37.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.44%			
7) Chloroethane-d5	1.68	69	155955	36.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.16%			
11) 1,1-Dichloroethene-d2	2.27	63	267085	27.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.16%#			
21) 2-Butanone-d5	4.19	46	377482	104.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.12%			
24) Chloroform-d	4.64	84	324981	39.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.26%			
26) 1,2-Dichloroethane-d4	5.31	65	197818	38.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.34%			
32) Benzene-d6	5.34	84	669111	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.12%			
36) 1,2-Dichloropropane-d6	6.32	67	222814	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.42%			
41) Toluene-d8	7.56	98	569383	42.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.22%			
43) trans-1,3-Dichloropropene-	7.85	79	95331	40.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.92%			
47) 2-Hexanone-d5	8.31	63	263953	113.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.45%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281330	41.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.24%			
64) 1,2-Dichlorobenzene-d4	11.86	152	199547	44.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2841	0.660	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	2743	0.649	ug/L #	1
13) Acetone	2.34	43	179873	64.469	ug/L	95
15) Methyl Acetate	2.63	43	5178	1.067	ug/L #	77
16) Methylene chloride	2.70	84	7095	1.721	ug/L	85
22) 2-Butanone	4.28	43	90549	23.681	ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	3188	0.573	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	19862	3.903	ug/L	92
69) Naphthalene	13.76	128	4305	0.353	ug/L #	93

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

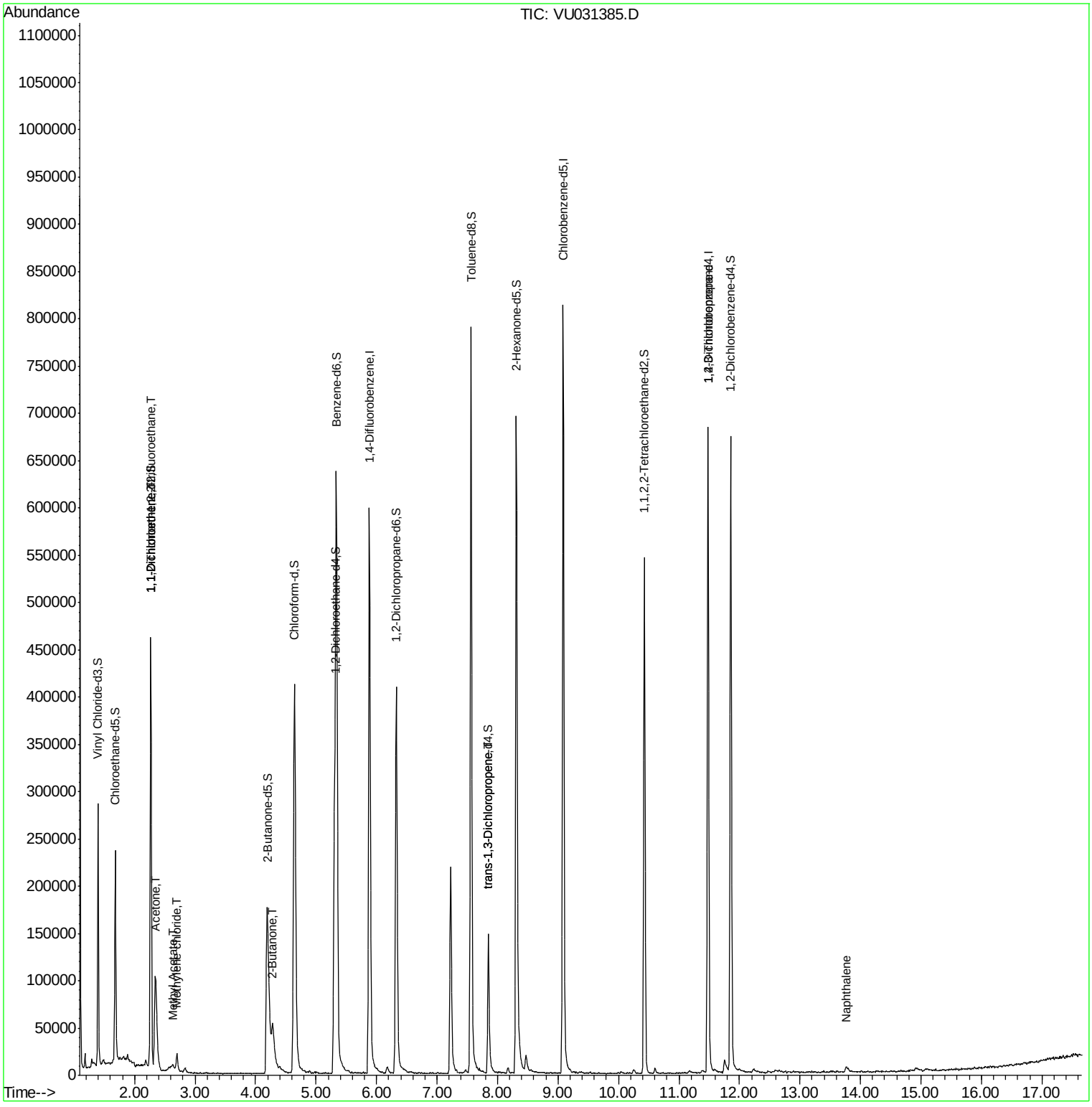
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042219\

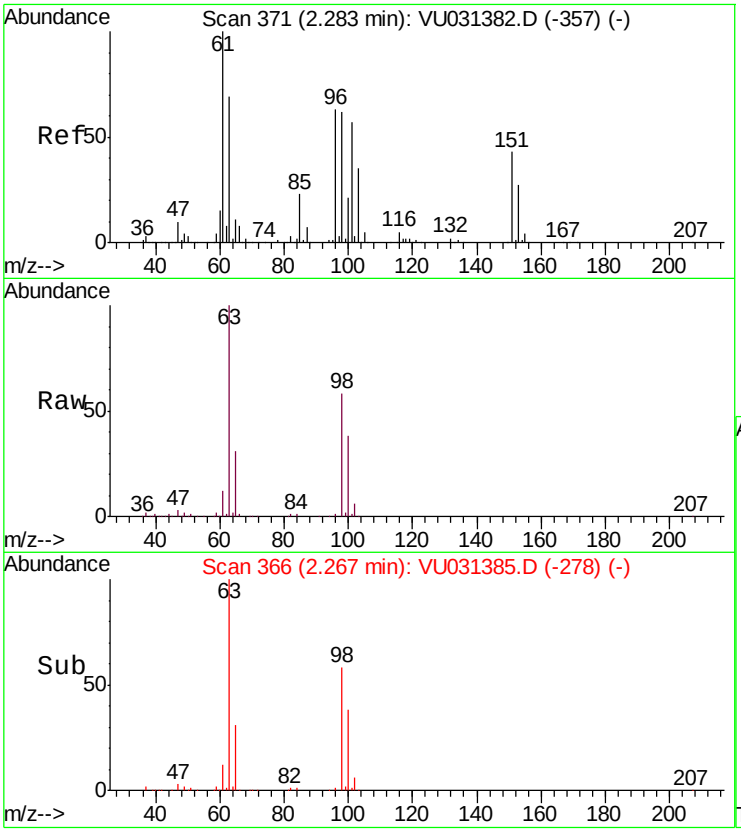
Quantitation Report (Not Reviewed)

Data File : VU031385.D
Acq On : 22 Apr 2019 11:41
Operator : JC/SP
Sample : K2403-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5133

Quant Time: Apr 23 01:02:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration



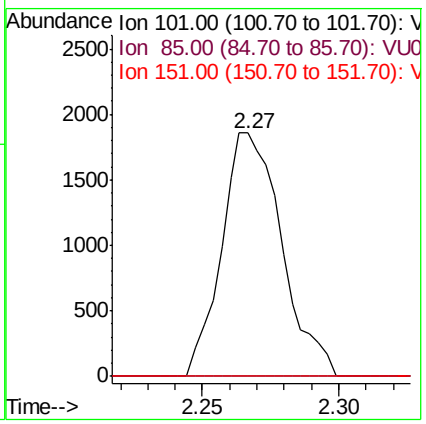


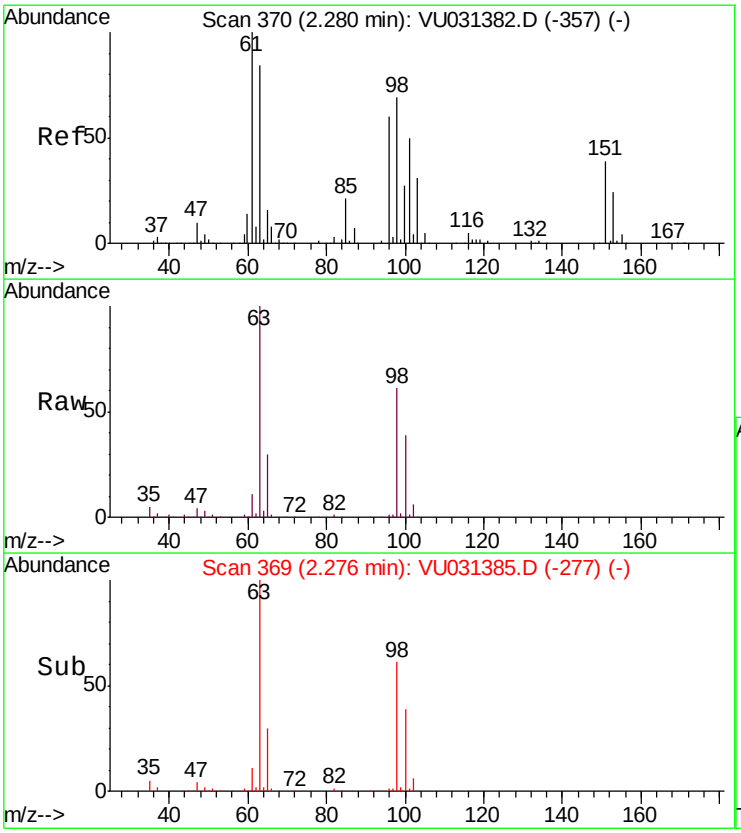
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.660 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Instrument : MSVOA_U
ClientSampleId : A5133

Tgt Ion:101 Resp: 2841

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	59.8	89.8#

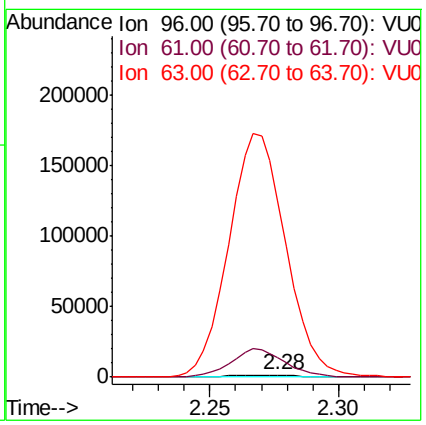


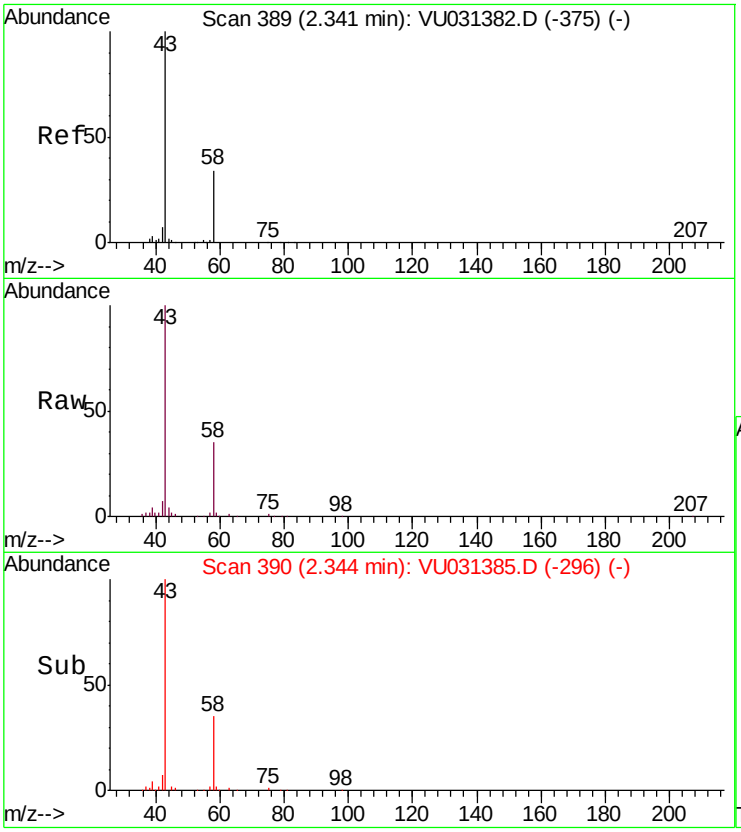


#12
1,1-Dichloroethene
Concen: 0.649 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Tgt Ion: 96 Resp: 2743

Ion	Ratio	Lower	Upper
96	100		
61	852.1	130.4	242.2#
63	7926.7	108.9	202.3#



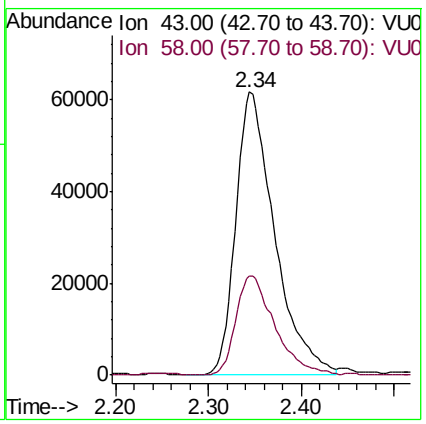


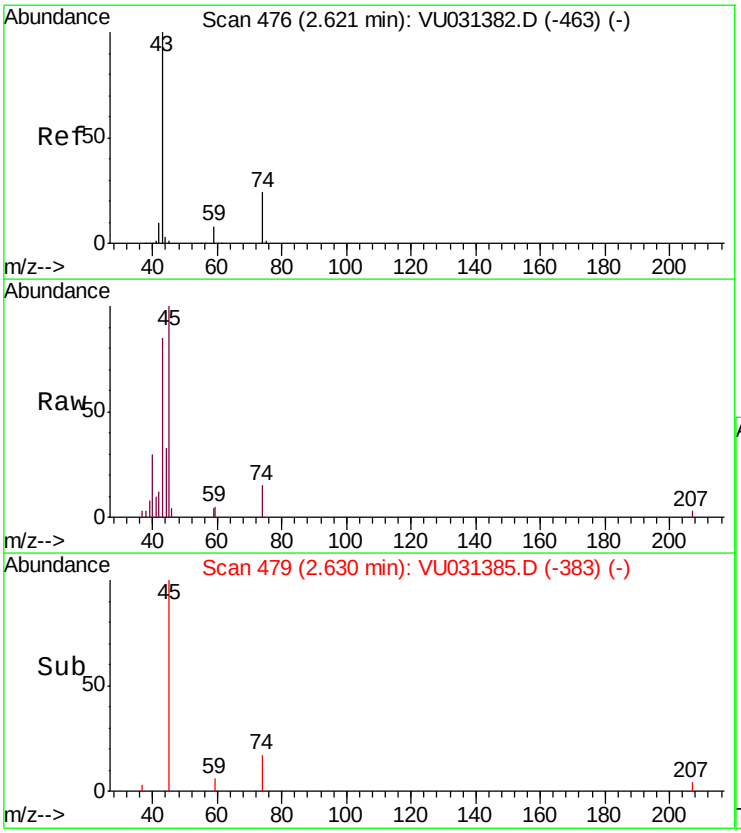
#13
Acetone
Concen: 64.469 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Instrument : MSVOA_U
ClientSampleId : A5133

Tgt Ion: 43 Resp: 179873

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	65.0

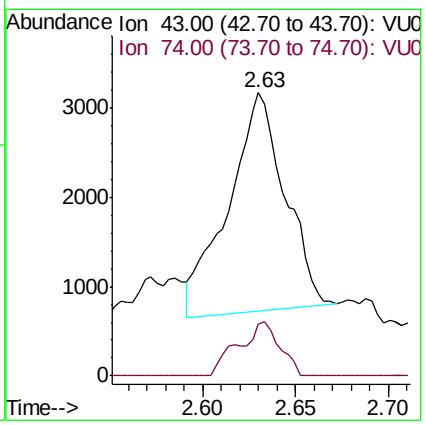


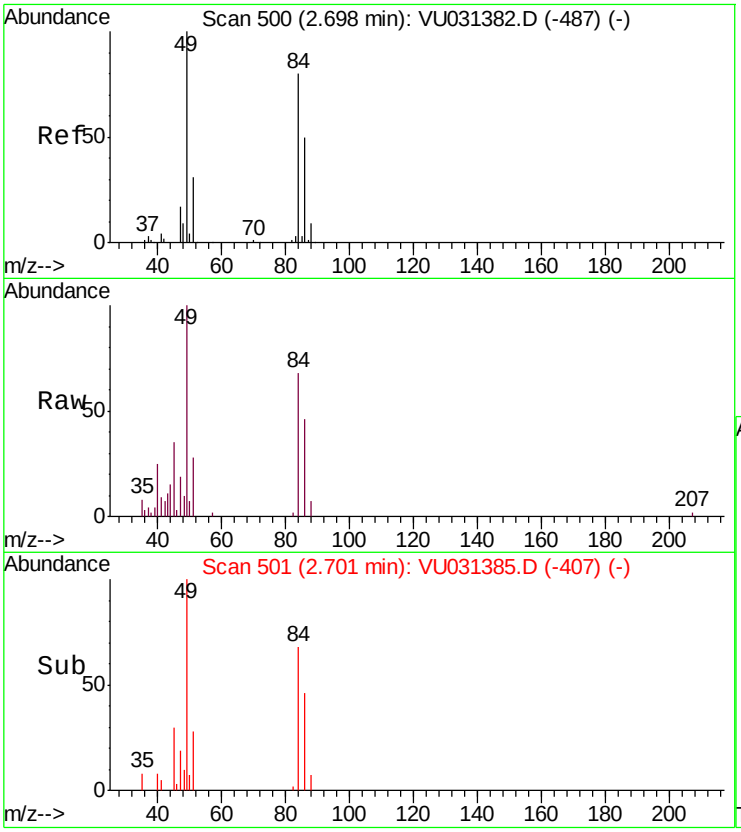


#15
Methyl Acetate
Concen: 1.067 ug/L
RT: 2.63 min Scan# 479
Delta R.T. 0.01 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Tgt Ion: 43 Resp: 5178

Ion	Ratio	Lower	Upper
43	100		
74	11.7	18.3	27.5#



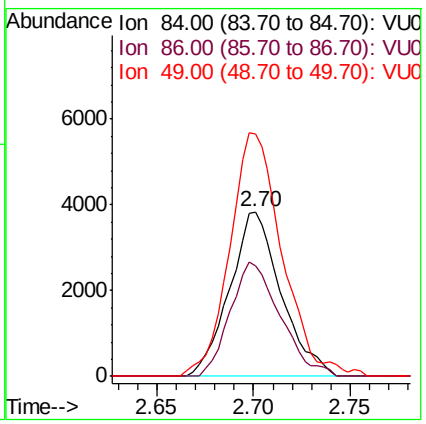


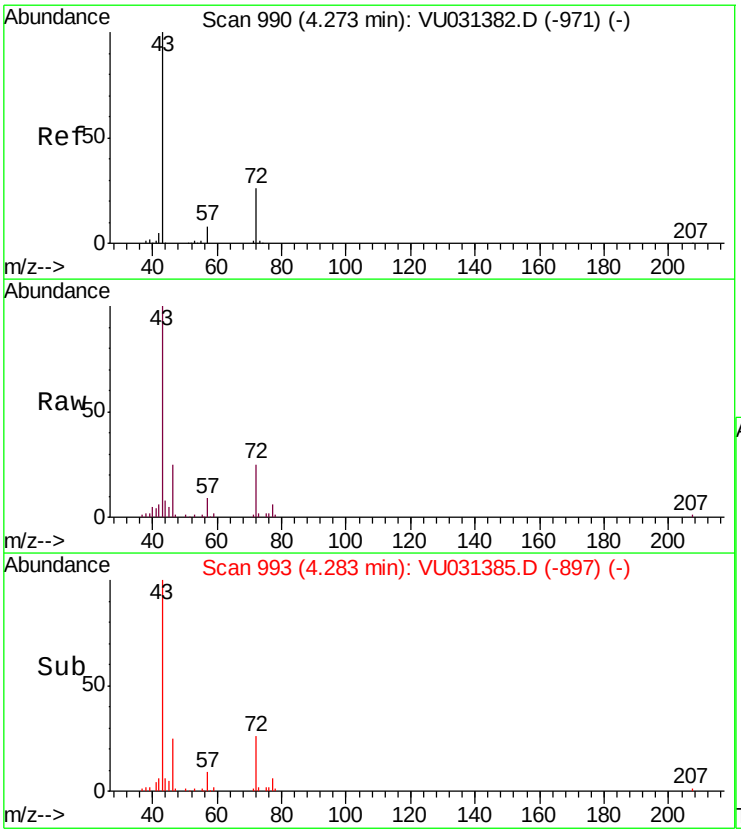
#16
Methylene chloride
Concen: 1.721 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Instrument : MSVOA_U
ClientSampleId : A5133

Tgt Ion: 84 Resp: 7095

Ion	Ratio	Lower	Upper
84	100		
86	67.6	44.0	81.8
49	147.5	88.0	163.4

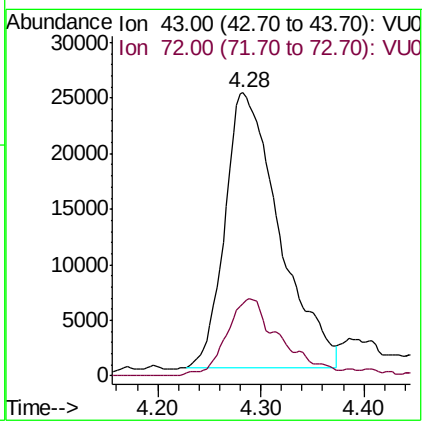


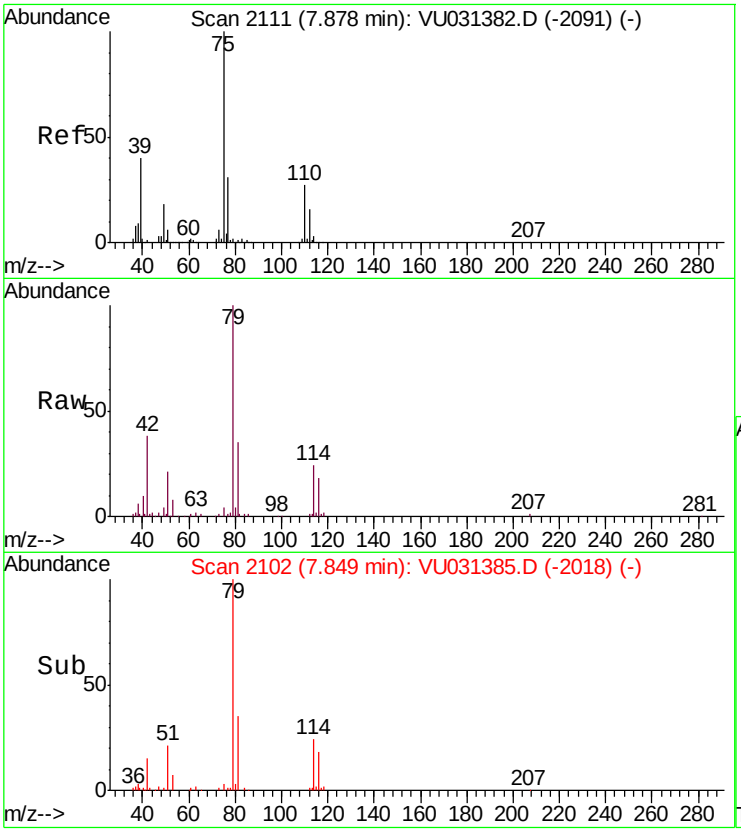


#22
2-Butanone
Concen: 23.681 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.01 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Tgt Ion: 43 Resp: 90549

Ion	Ratio	Lower	Upper
43	100		
72	17.5	12.6	37.8



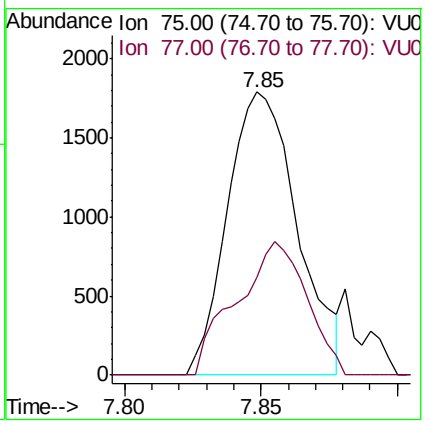


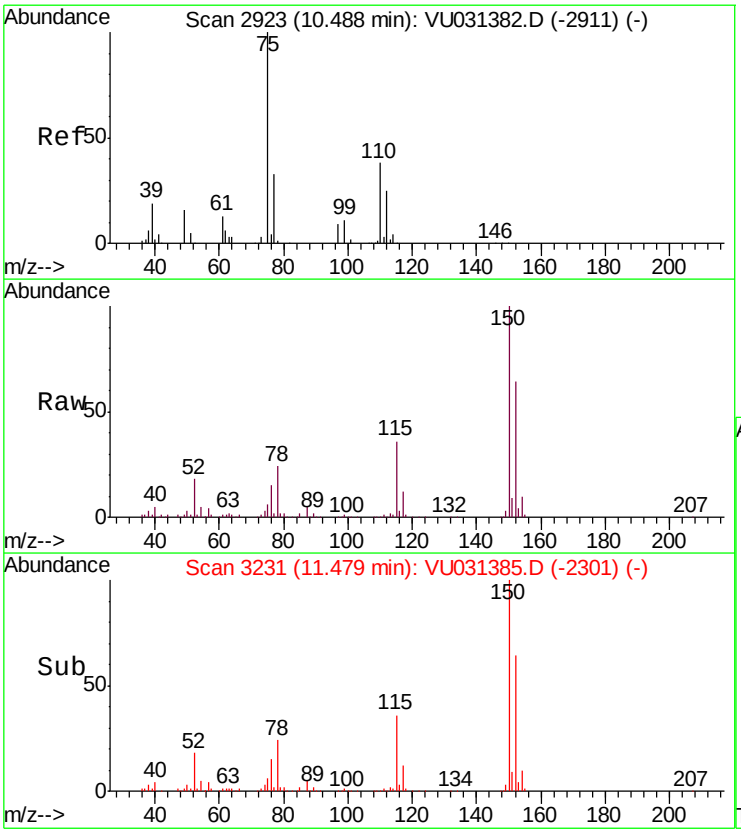
#44
trans-1,3-Dichloropropene
Concen: 0.573 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Instrument :
MSVOA_U
ClientSampleId :
A5133

Tgt Ion: 75 Resp: 3188

Ion	Ratio	Lower	Upper
75	100		
77	34.5	22.8	42.4

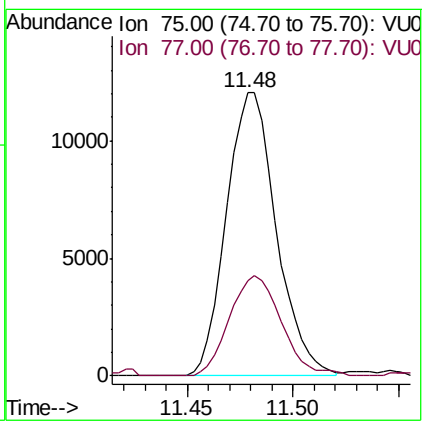


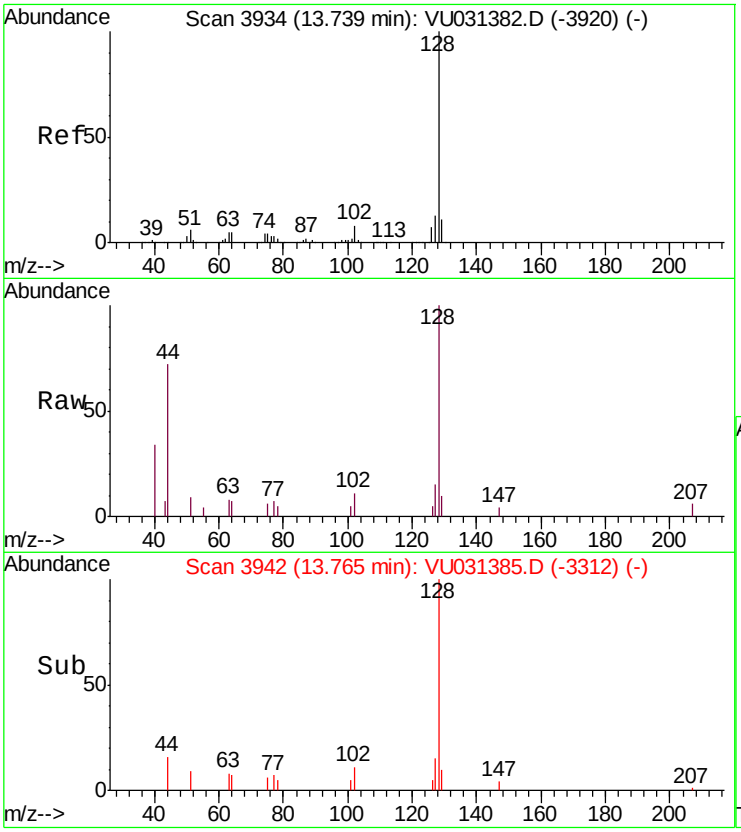


#59
1,2,3-Trichloropropane
Concen: 3.903 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Tgt Ion: 75 Resp: 19862

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.4	38.2





#69
Naphthalene
Concen: 0.353 ug/L
RT: 13.76 min Scan# 3942
Delta R.T. 0.03 min
Lab File: VU031385.D
Acq: 22 Apr 2019 11:41

Instrument :
MSVOA_U
ClientSampleId :
A5133

Tgt Ion:128 Resp: 4305

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	15.0	8.2	12.2#