Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

Quantitation Report (Not Reviewed)

Data File : VU029861.D
Acq On : 07 Mar 2019 18:38
Operator : JC/SP
Sample : K1734-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2K7

Quant Time: Mar 08 04:35:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219736	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	136213	38.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.38%			
7) Chloroethane-d5	1.68	69	119485	37.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.38%			
11) 1,1-Dichloroethene-d2	2.27	63	195900	28.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.20%#			
21) 2-Butanone-d5	4.17	46	222977	102.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.74%			
24) Chloroform-d	4.64	84	271886	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.31	65	169194	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
32) Benzene-d6	5.34	84	569221	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.16%			
36) 1,2-Dichloropropane-d6	6.33	67	181813	50.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.02%			
41) Toluene-d8	7.56	98	521087	42.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.36%			
43) trans-1,3-Dichloropropene-	7.85	79	79808	41.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.60%			
47) 2-Hexanone-d5	8.31	63	175858	87.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274939	45.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	220653	46.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3392	1.159	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2079	0.613	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1897	0.589	ug/L #	1
13) Acetone	2.32	43	7197	3.103	ug/L	99
16) Methylene chloride	2.70	84	2440	0.782	ug/L	87
25) Chloroform	4.68	83	3322	0.579	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	2954	0.607	ug/L #	76
48) 2-Hexanone	8.31	43	18286	4.652	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	21884	4.796	ug/L	92

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

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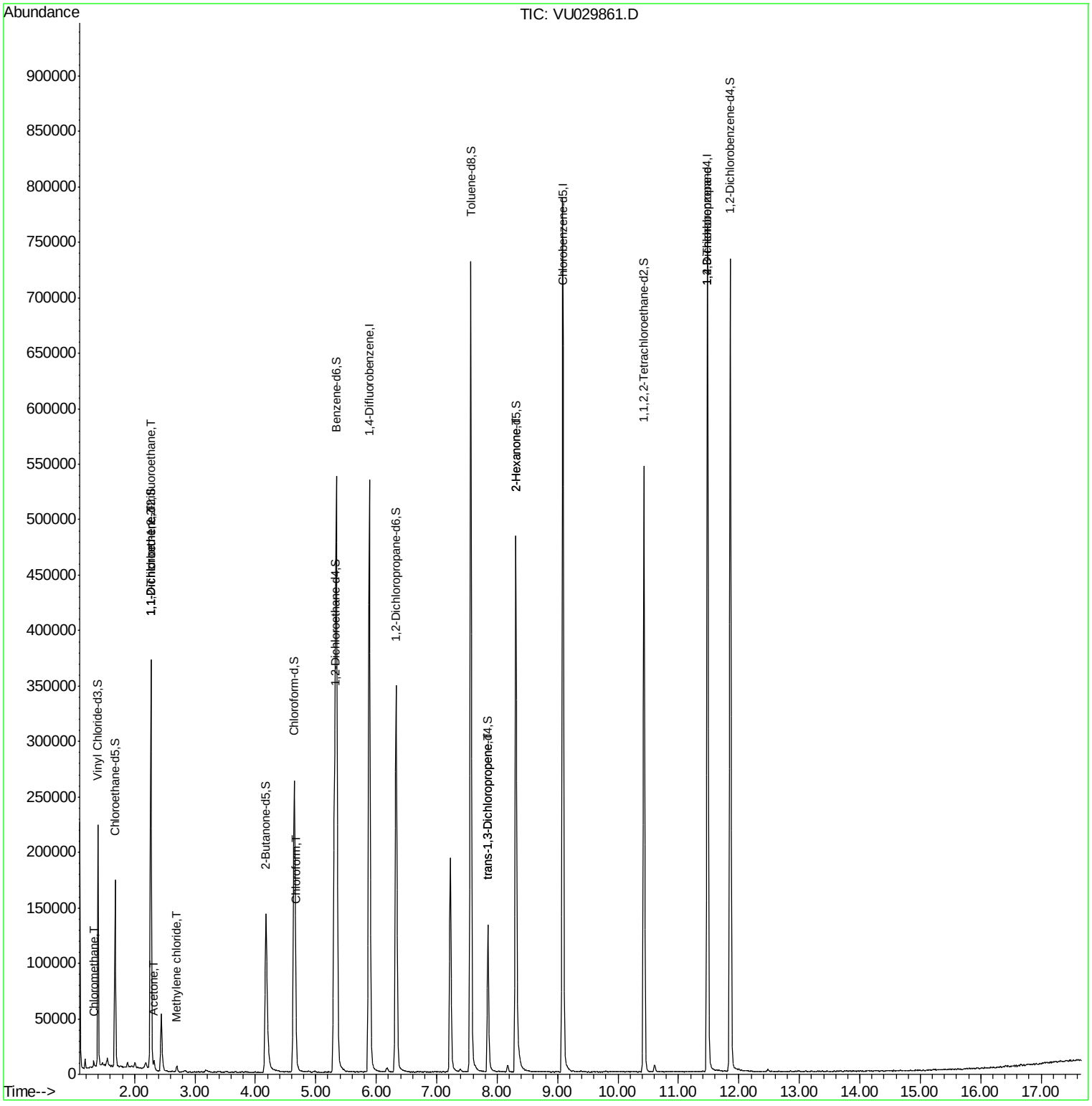
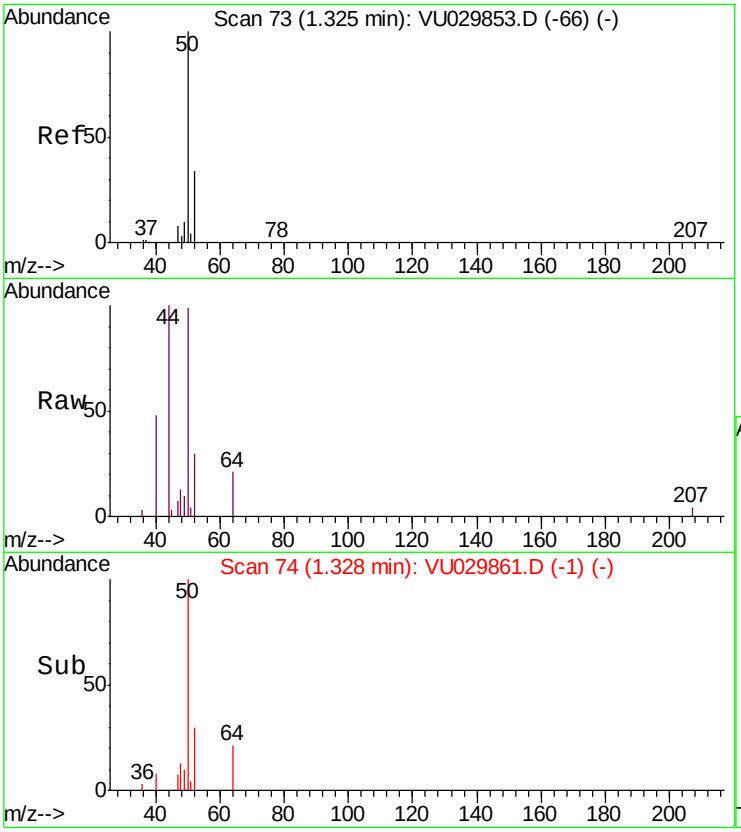
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2K7

Quant Time: Mar 08 04:35:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration



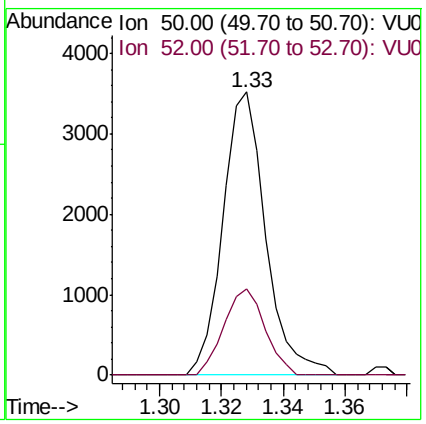


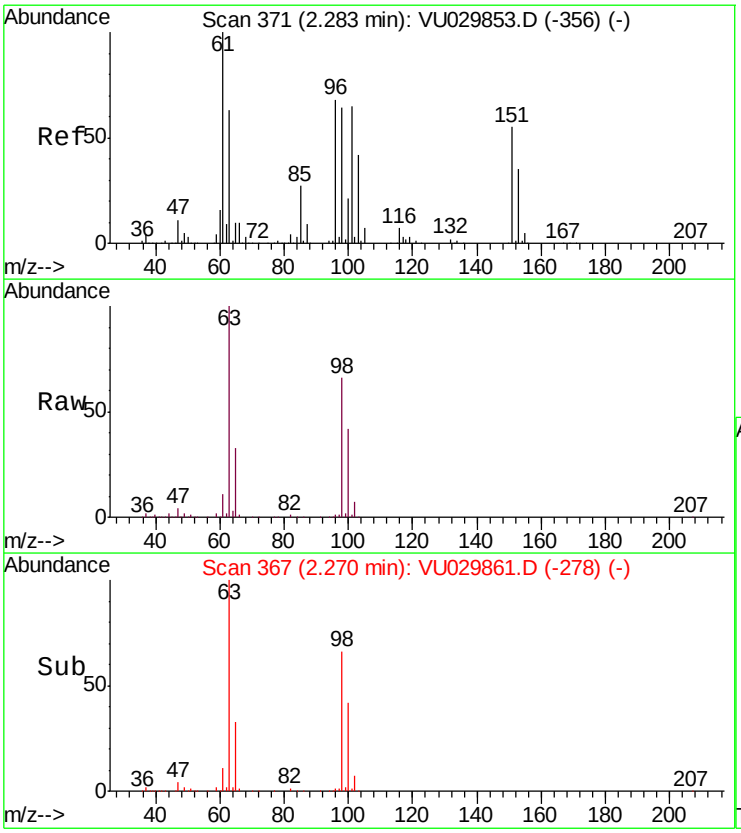
#3
Chloromethane
Concen: 1.159 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
BF2K7

Tgt Ion: 50 Resp: 3392

Ion	Ratio	Lower	Upper
50	100		
52	30.4	23.9	44.3

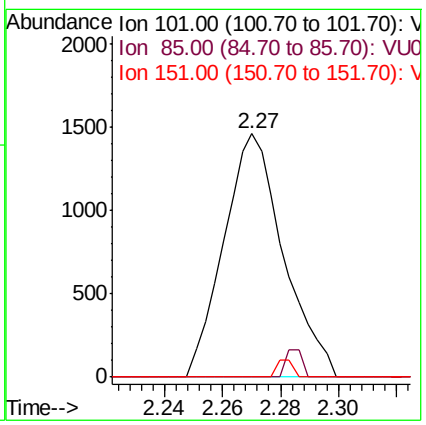


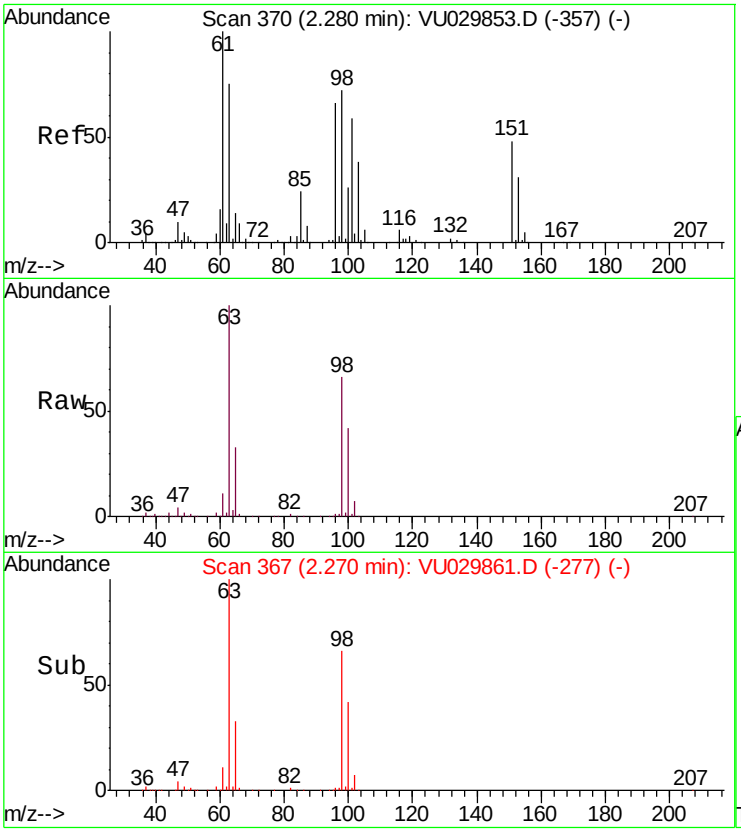


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.613 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Tgt Ion:101 Resp: 2079

Ion	Ratio	Lower	Upper
101	100		
85	3.1	33.0	49.6#
151	2.0	65.7	98.5#



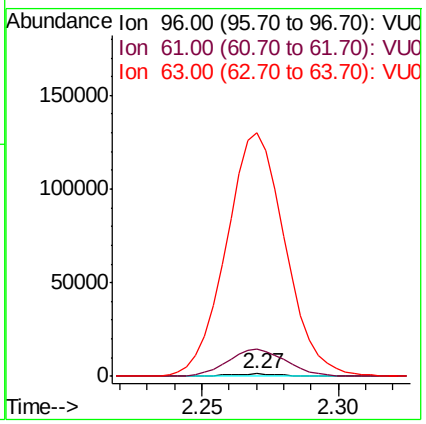


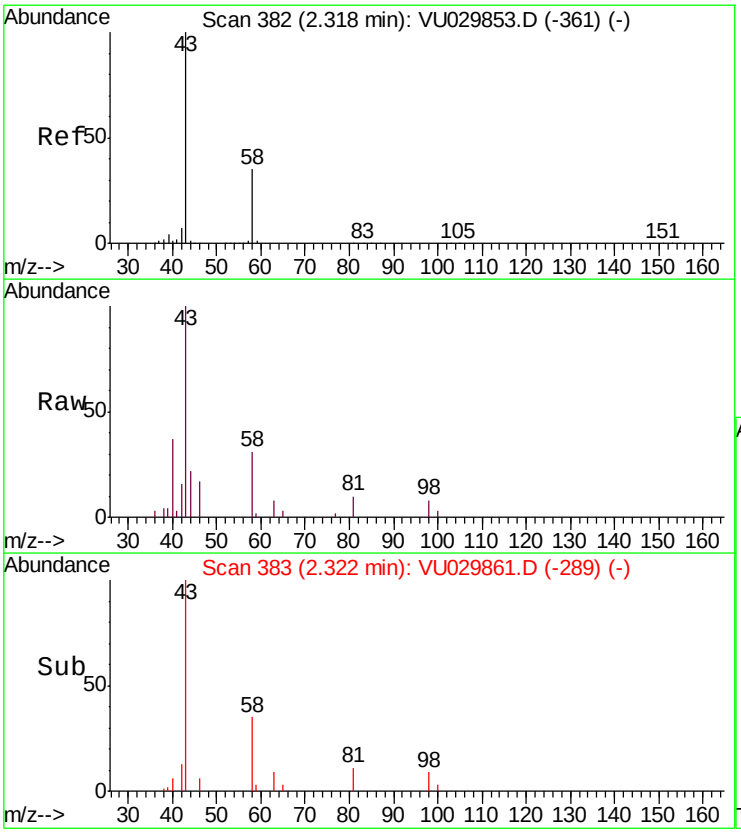
#12
1,1-Dichloroethene
Concen: 0.589 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Instrument : MSVOA_U
ClientSampleId : BF2K7

Tgt Ion: 96 Resp: 1897

Ion	Ratio	Lower	Upper
96	100		
61	1149.8	114.0	211.8#
63	10363.6	98.7	183.3#

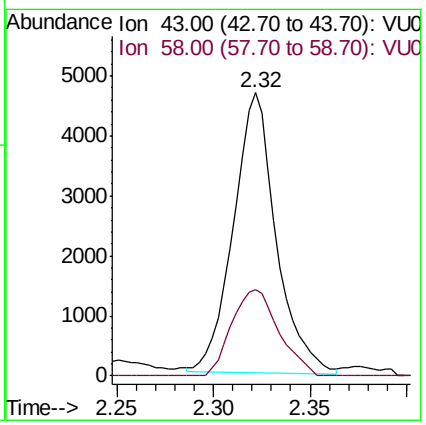


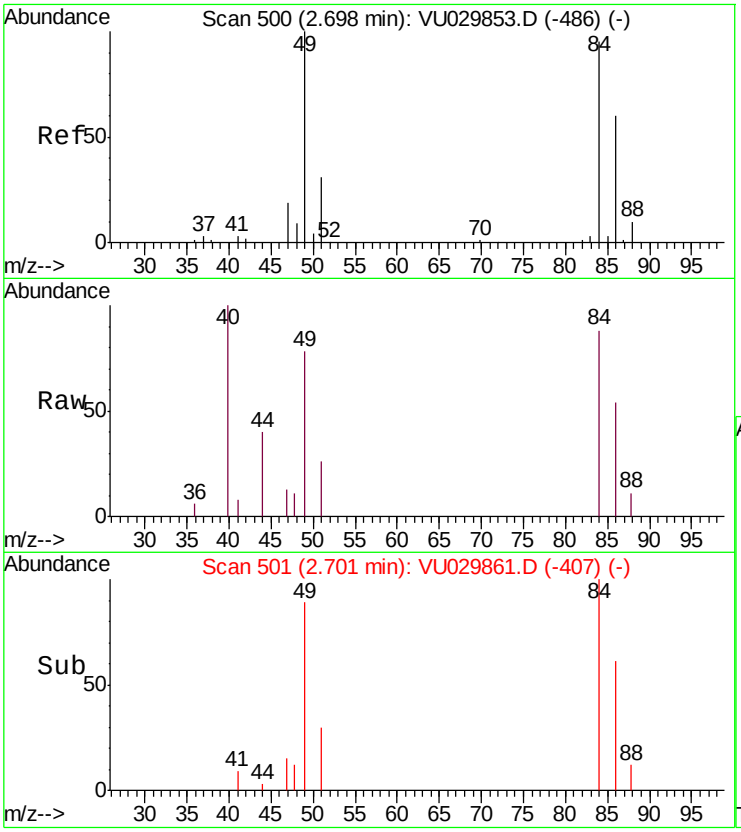


#13
Acetone
Concen: 3.103 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Tgt Ion: 43 Resp: 7197

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	66.8



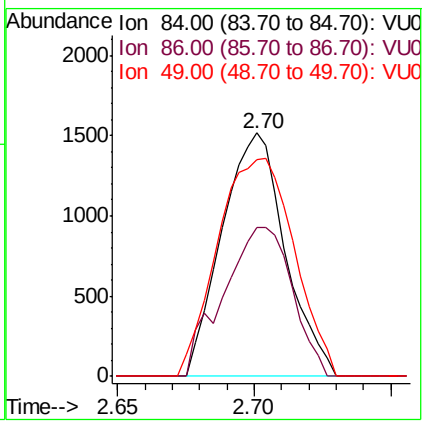


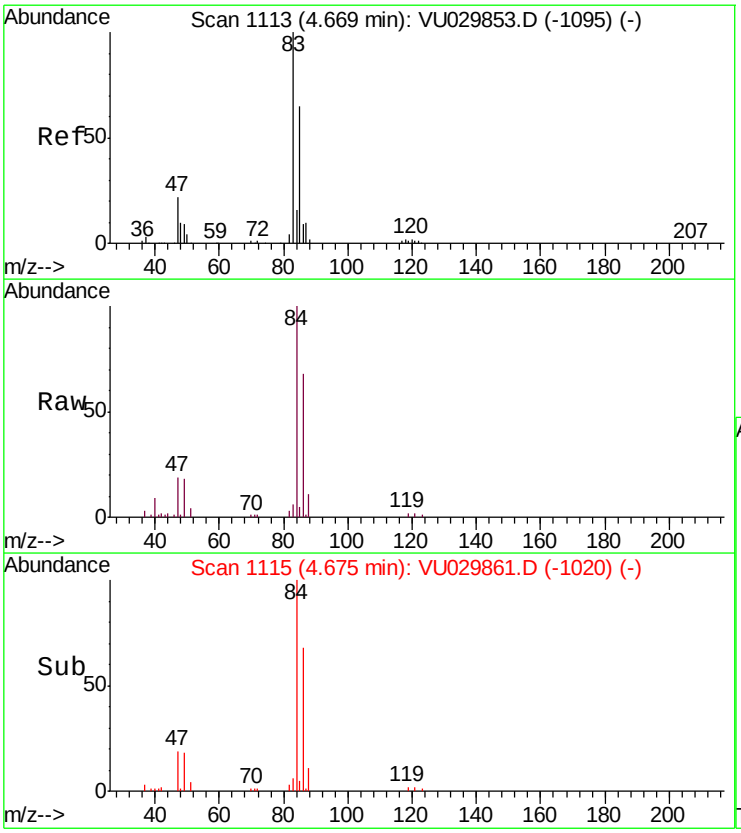
#16
Methylene chloride
Concen: 0.782 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Instrument : MSVOA_U
ClientSampleId : BF2K7

Tgt Ion: 84 Resp: 2440

Ion	Ratio	Lower	Upper
84	100		
86	61.3	45.8	85.0
49	89.2	75.1	139.5

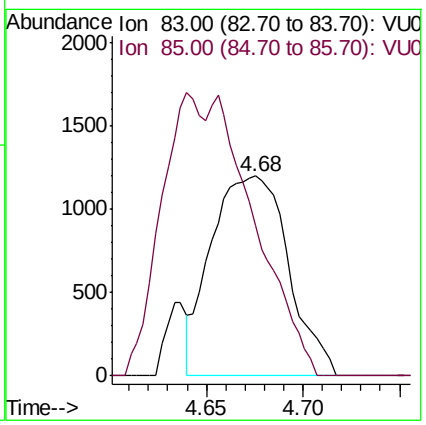


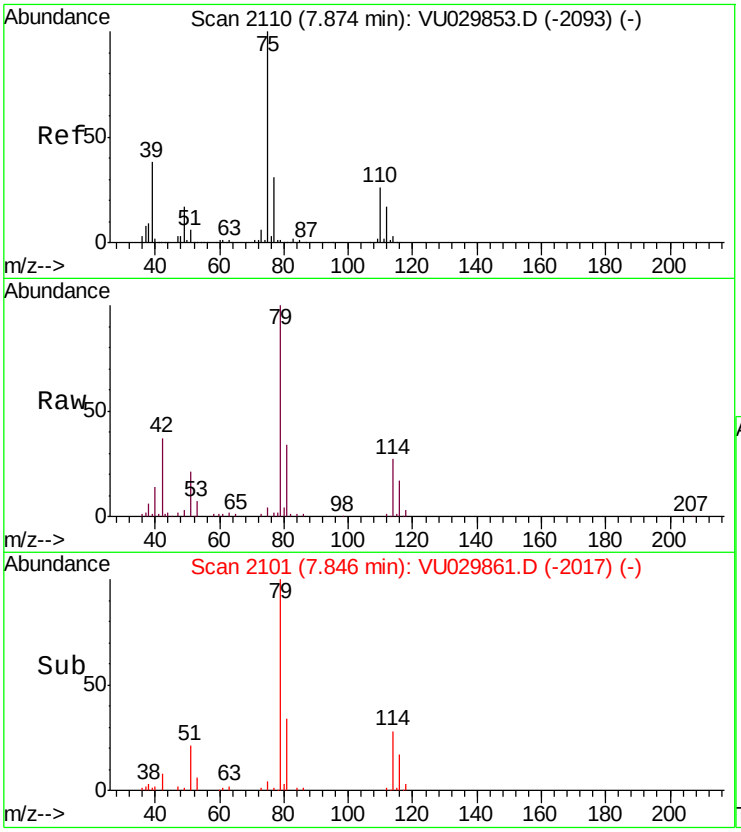


#25
Chloroform
Concen: 0.579 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Tgt Ion: 83 Resp: 3322

Ion	Ratio	Lower	Upper
83	100		
85	75.0	45.4	84.2



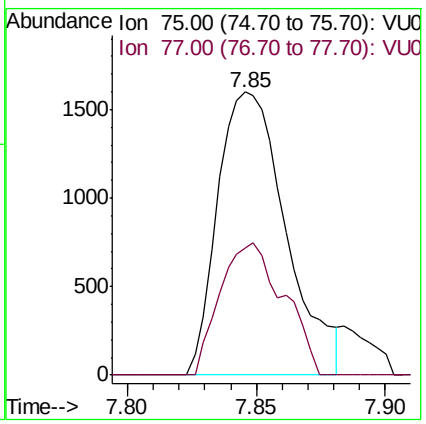


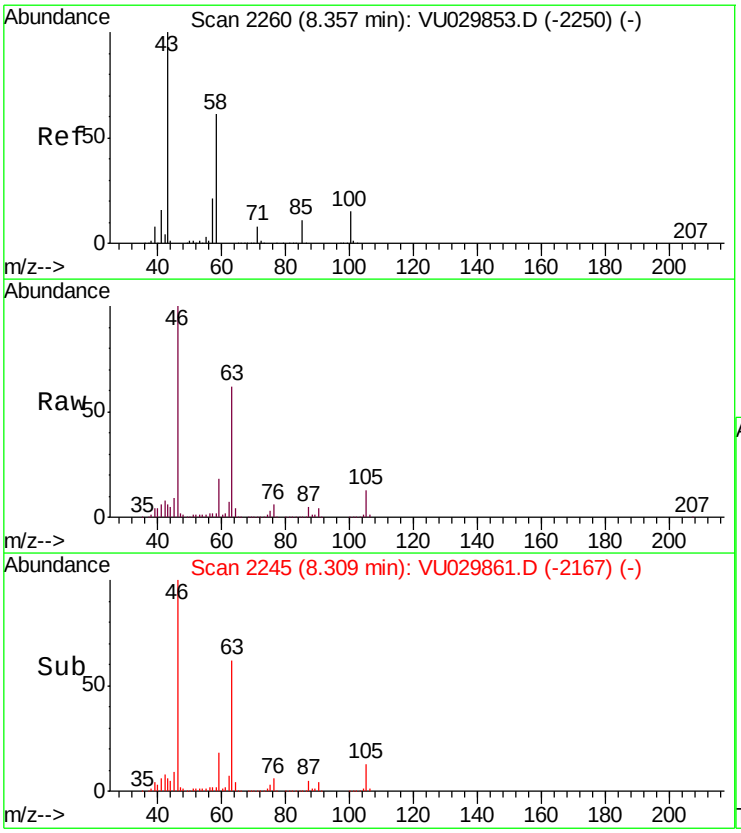
#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
BF2K7

Tgt Ion: 75 Resp: 2954

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.1	41.1#

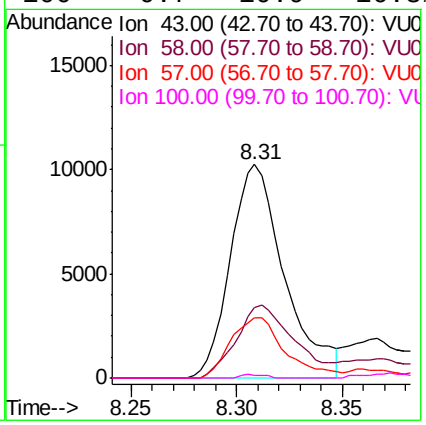


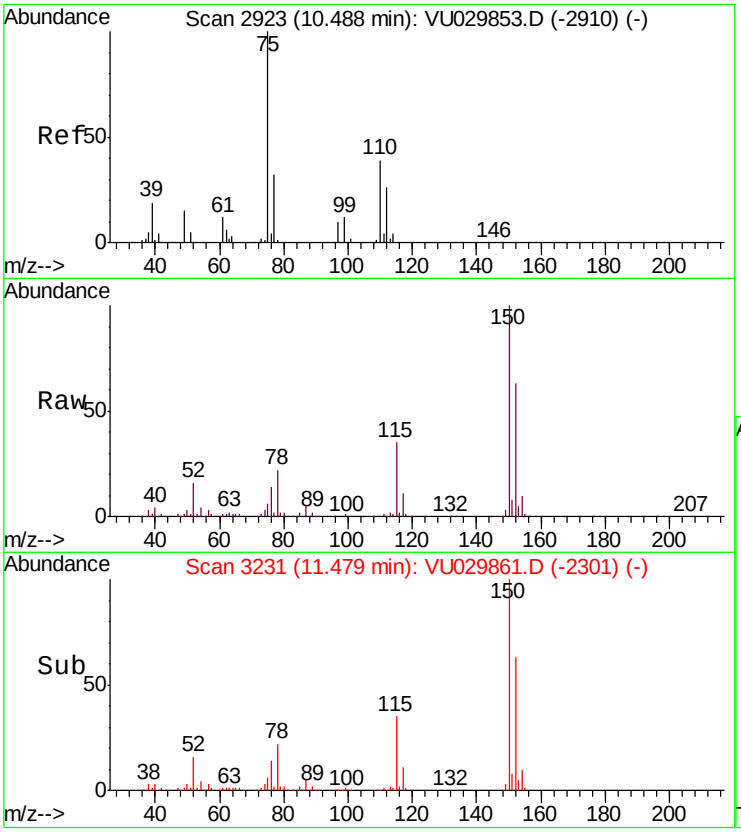


#48
2-Hexanone
Concen: 4.652 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Tgt Ion: 43 Resp: 18286

Ion	Ratio	Lower	Upper
43	100		
58	35.1	46.4	69.6#
57	28.4	15.7	23.5#
100	0.7	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 4.796 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029861.D
Acq: 07 Mar 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
BF2K7

Tgt Ion: 75 Resp: 21884

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.7	38.5