Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\

Quantitation Report (Not Reviewed)

Data File : VU029948.D
Acq On : 10 Mar 2019 14:52
Operator : JC/SP
Sample : K1818-11
Misc : 5.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R1

Quant Time: Mar 11 07:14:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	546381	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	542182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275135	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	226475	67.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 135.88%#			
7) Chloroethane-d5	1.69	69	85	0.03	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.06%#			
11) 1,1-Dichloroethene-d2	2.23	63	327028	52.04	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.08%			
21) 2-Butanone-d5	4.19	46	396443	153.49	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 153.49%#			
24) Chloroform-d	4.64	84	445327	68.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.28%#			
26) 1,2-Dichloroethane-d4	5.30	65	276322	72.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 145.38%#			
32) Benzene-d6	5.33	84	991190	73.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 146.72%#			
36) 1,2-Dichloropropane-d6	6.32	67	298209	73.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 146.14%#			
41) Toluene-d8	7.56	98	931169	71.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 143.64%#			
43) trans-1,3-Dichloropropene-	7.85	79	139835	70.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 141.62%#			
47) 2-Hexanone-d5	8.32	63	353165	160.84	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 160.84%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	502790	78.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 156.06%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	392770	72.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 145.58%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	55374	10.040	ug/L	98
6) Bromomethane	1.60	94	3371	2.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3643	1.046	ug/L #	18
12) 1,1-Dichloroethene	2.22	96	2964	0.877	ug/L #	1
13) Acetone	2.35	43	1989	0.706	ug/L	66
16) Methylene chloride	2.68	84	2260	0.570	ug/L	96
35) Methylcyclohexane	6.32	83	70488	11.317	ug/L #	22
39) cis-1,3-Dichloropropene	7.22	75	6996	1.218	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	5348	1.045	ug/L	94
48) 2-Hexanone	8.32	43	37623	8.843	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	27879	5.572	ug/L	94

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

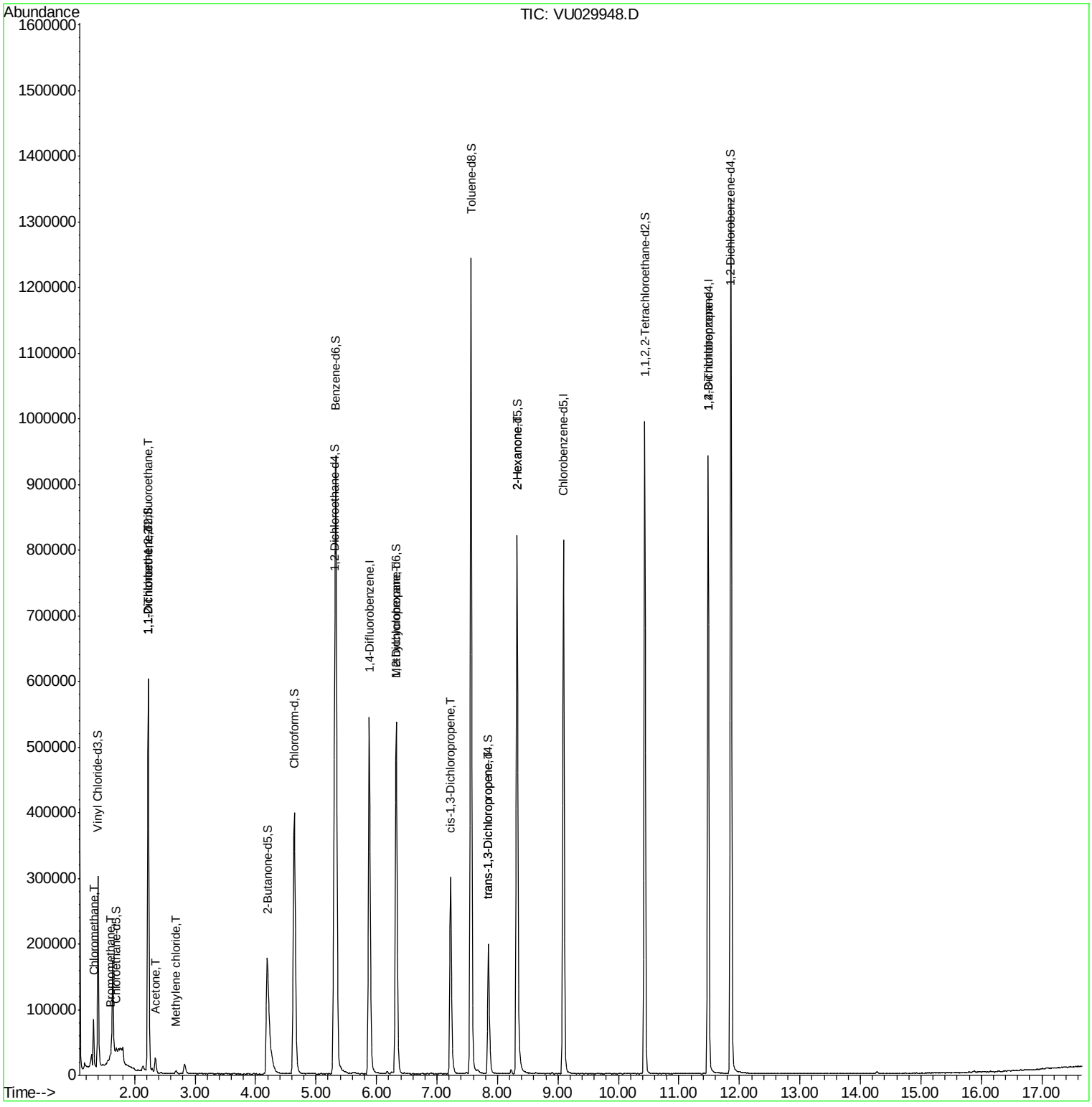
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\

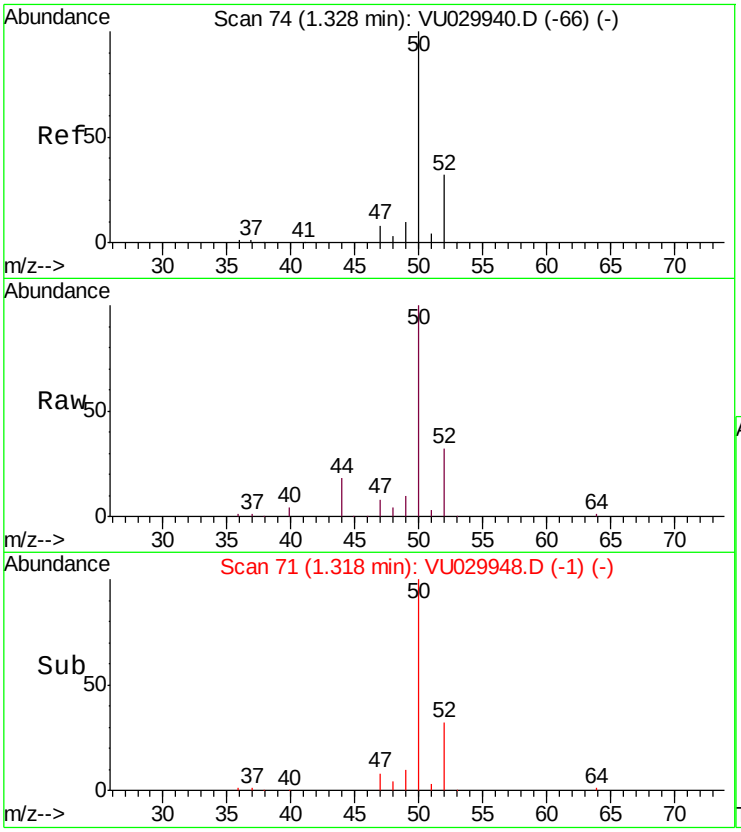
Quantitation Report (Not Reviewed)

Data File : VU029948.D
Acq On : 10 Mar 2019 14:52
Operator : JC/SP
Sample : K1818-11
Misc : 5.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R1

Quant Time: Mar 11 07:14:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



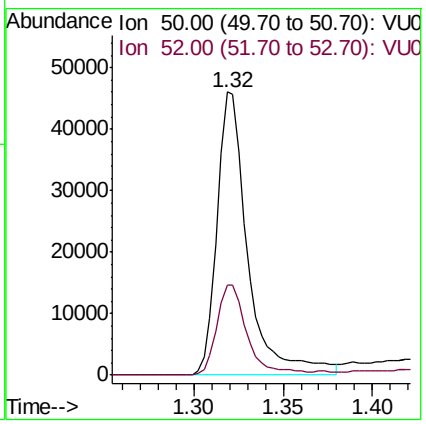


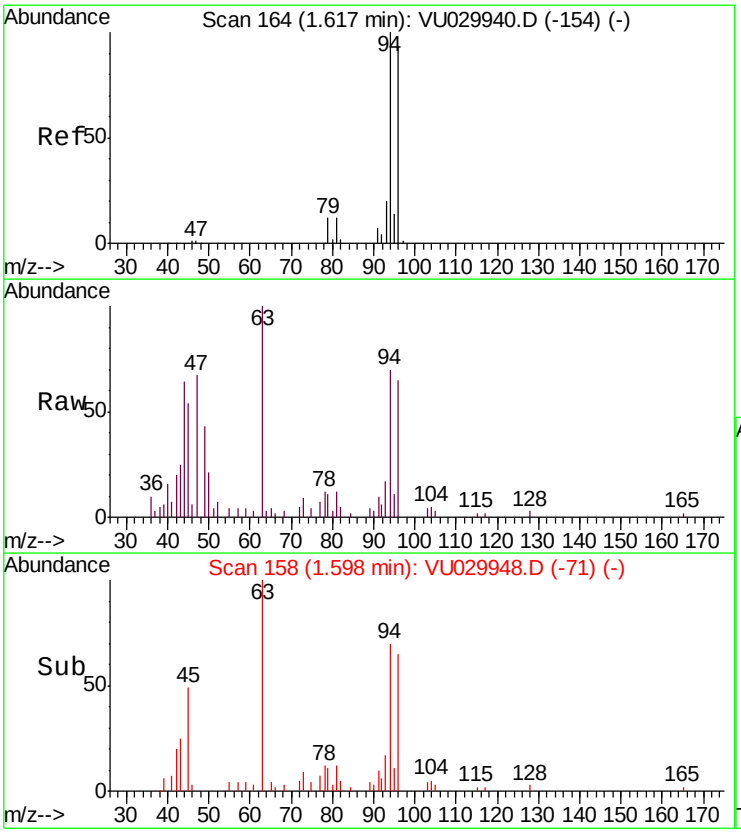
#3
Chloromethane
Concen: 10.040 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
BF0R1

Tgt Ion: 50 Resp: 55374

Ion	Ratio	Lower	Upper
50	100		
52	31.7	23.1	42.9

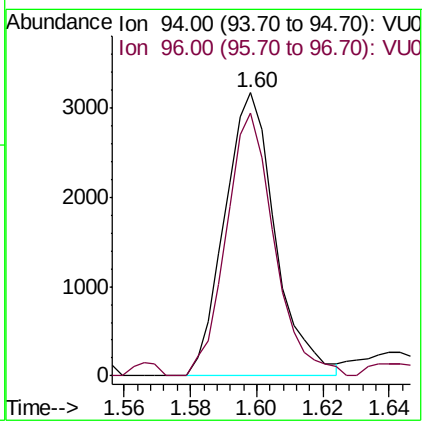


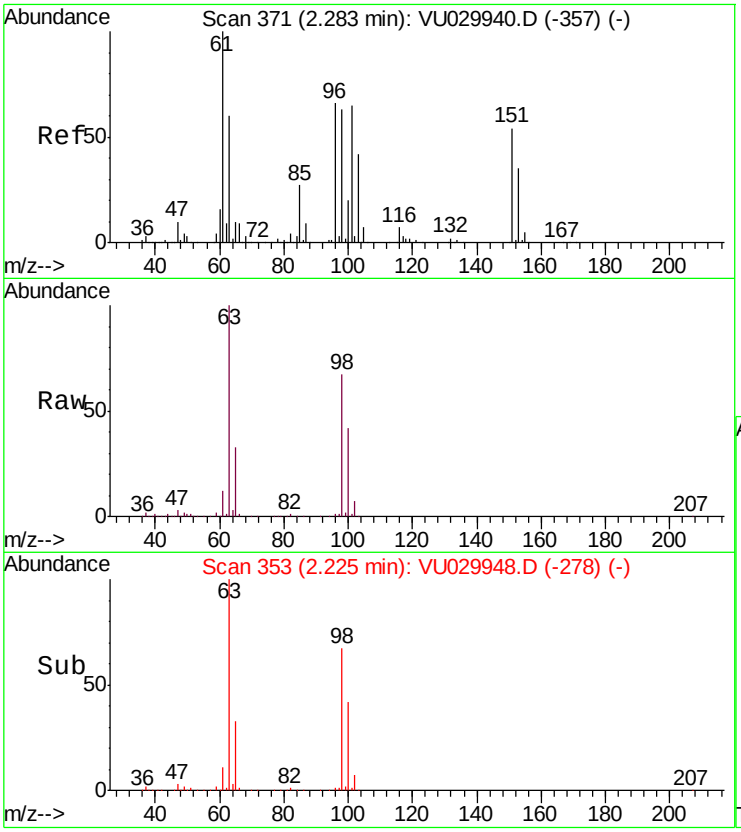


#6
Bromomethane
Concen: 2.976 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Tgt Ion: 94 Resp: 3371

Ion	Ratio	Lower	Upper
94	100		
96	92.7	65.7	121.9



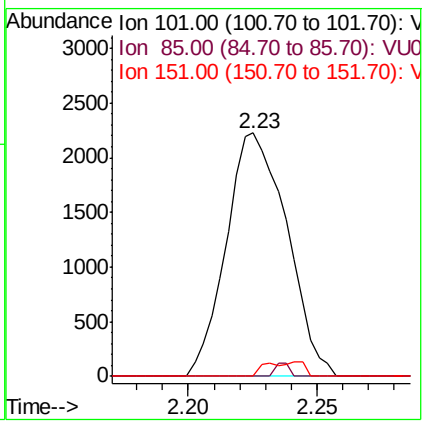


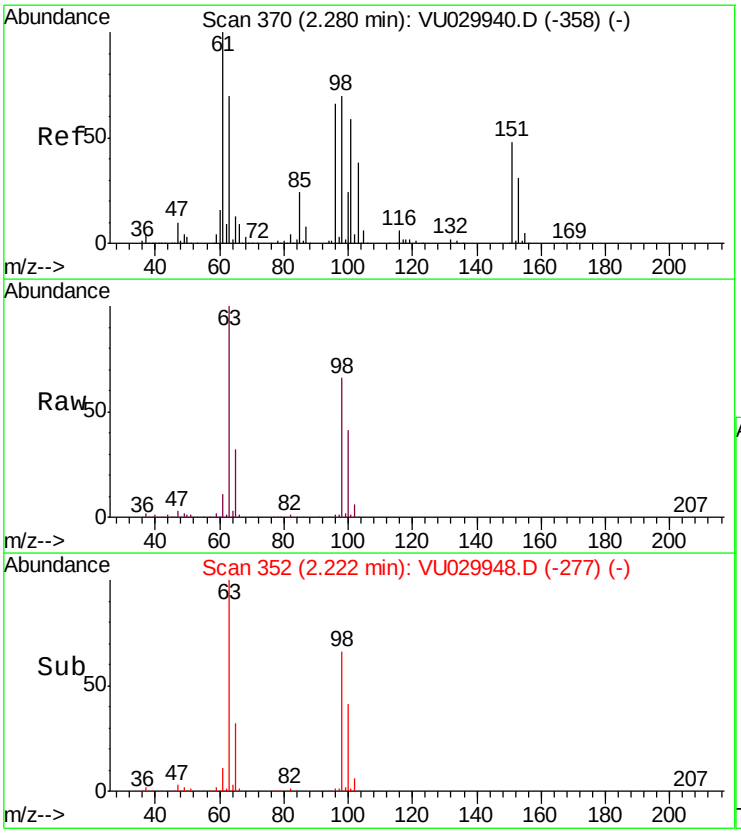
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.046 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.06 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
BF0R1

Tgt Ion:101 Resp: 3643

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.2#
151	1.7	65.8	98.6#

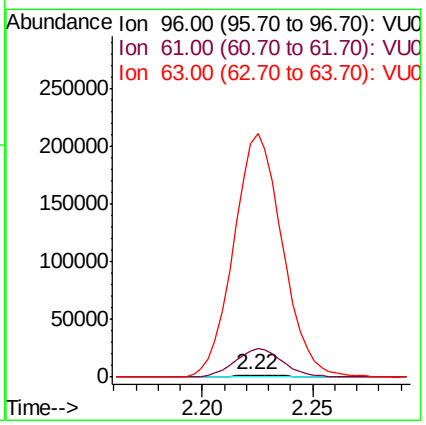


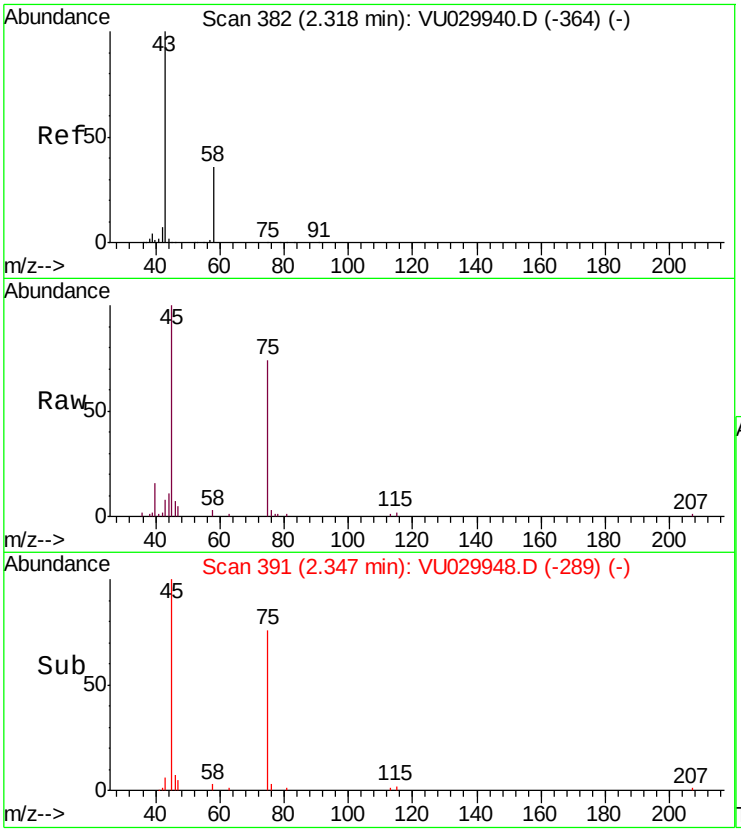


#12
1,1-Dichloroethene
Concen: 0.877 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.06 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Tgt Ion: 96 Resp: 2964

Ion	Ratio	Lower	Upper
96	100		
61	1289.5	109.0	202.4#
63	11401.0	88.1	163.5#



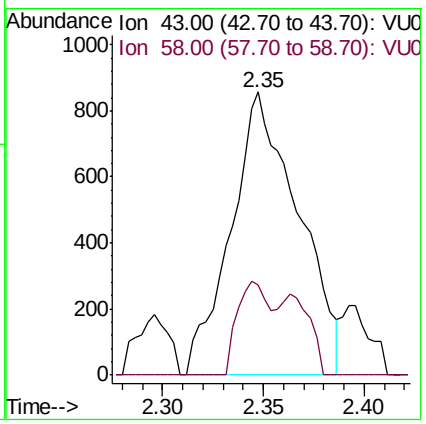


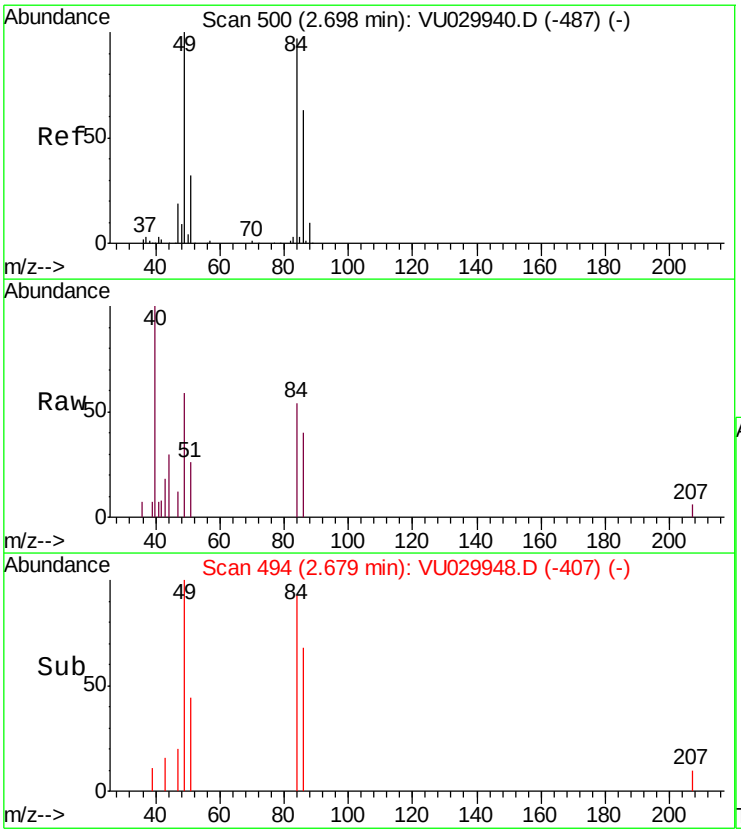
#13
Acetone
Concen: 0.706 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.03 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument : MSVOA_U
ClientSampleId : BF0R1

Tgt Ion: 43 Resp: 1989

Ion	Ratio	Lower	Upper
43	100		
58	15.3	0.0	70.2

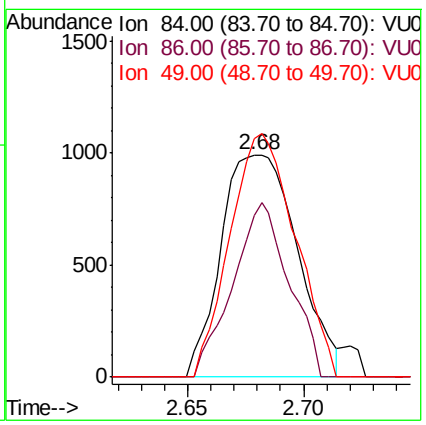


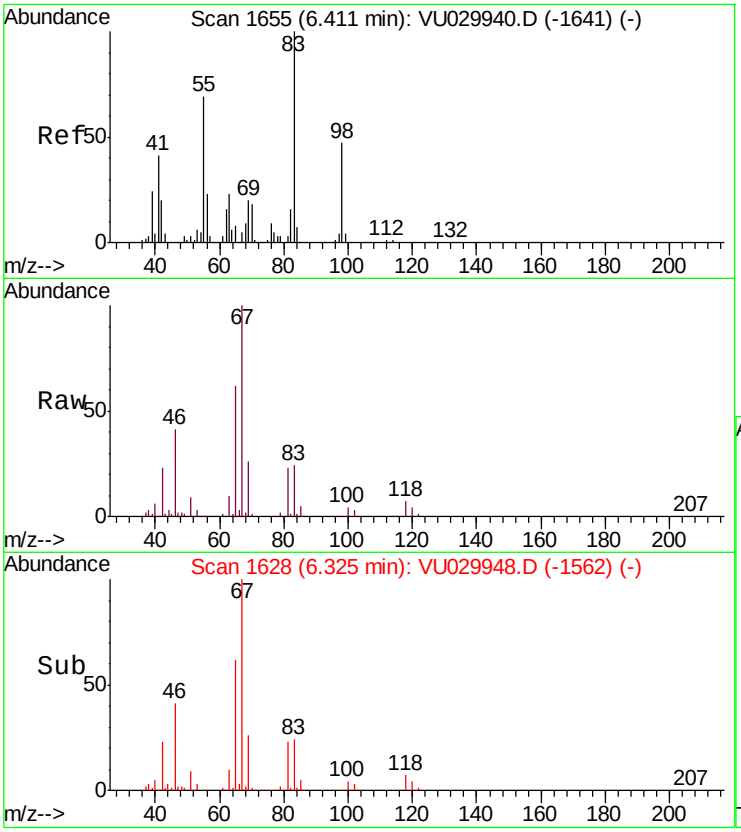


#16
Methylene chloride
Concen: 0.570 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Tgt Ion: 84 Resp: 2260

Ion	Ratio	Lower	Upper
84	100		
86	72.6	45.3	84.1
49	107.5	74.8	139.0



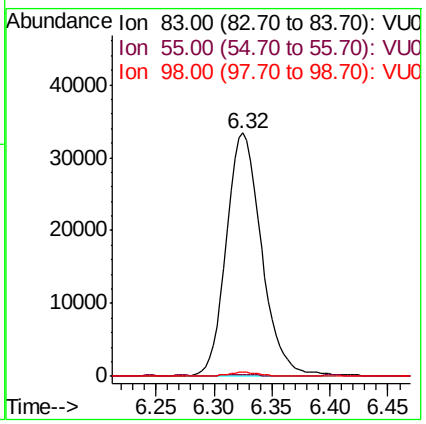


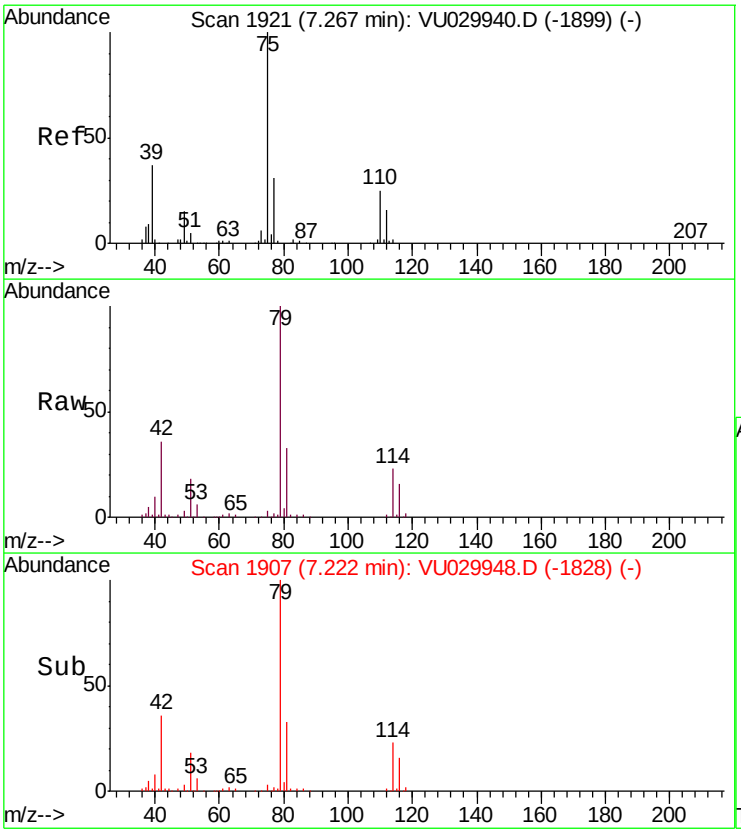
#35
Methylcyclohexane
Concen: 11.317 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
BF0R1

Tgt Ion: 83 Resp: 70488

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.5	83.3#
98	1.5	37.6	56.4#

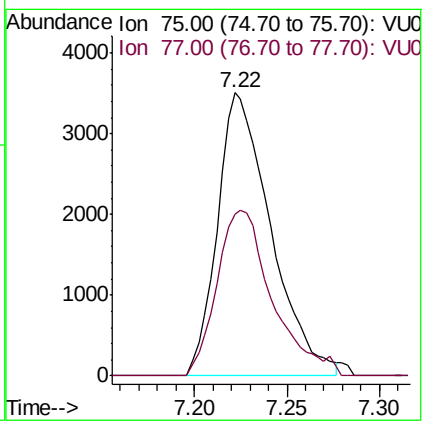


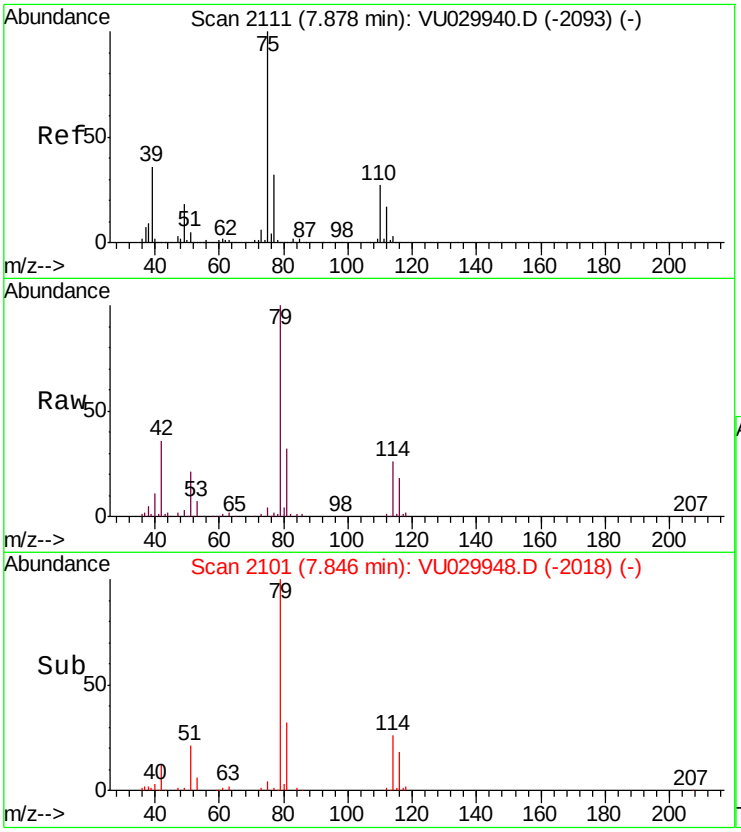


#39
cis-1,3-Dichloropropene
Concen: 1.218 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Tgt Ion: 75 Resp: 6996

Ion	Ratio	Lower	Upper
75	100		
77	57.4	22.5	41.9#



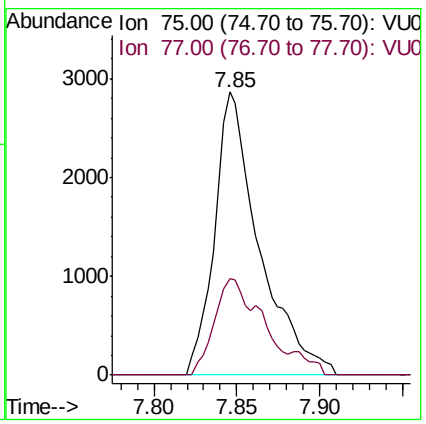


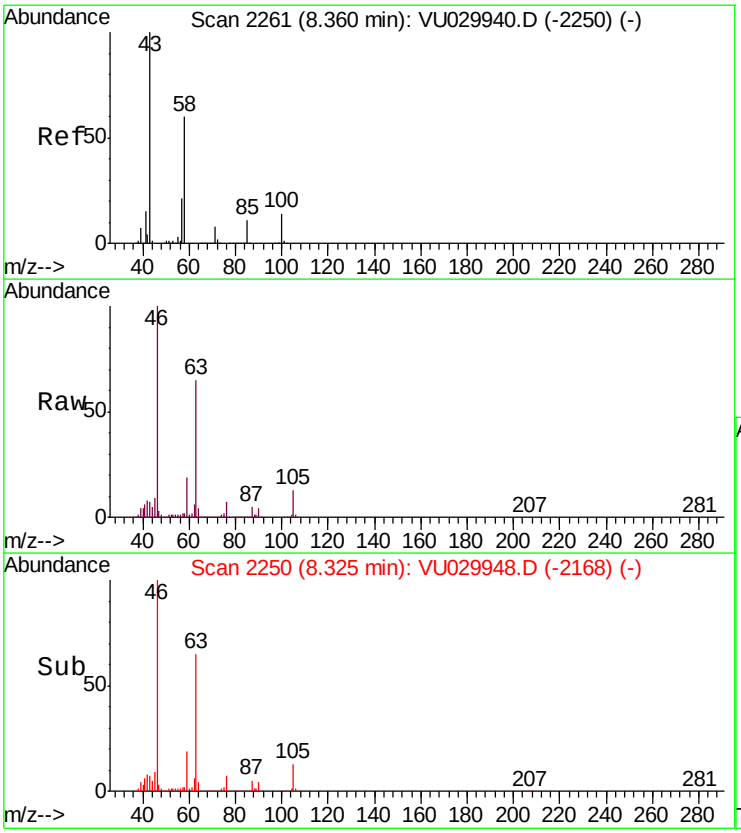
#44
trans-1,3-Dichloropropene
Concen: 1.045 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
BF0R1

Tgt Ion: 75 Resp: 5348

Ion	Ratio	Lower	Upper
75	100		
77	34.2	21.8	40.6

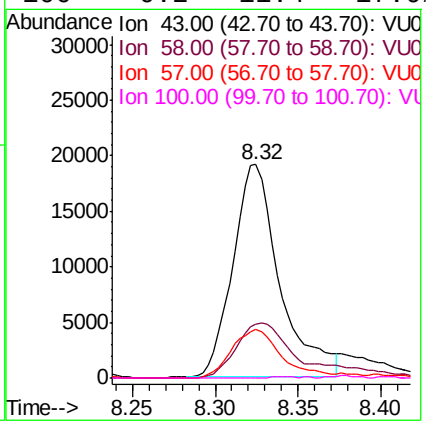


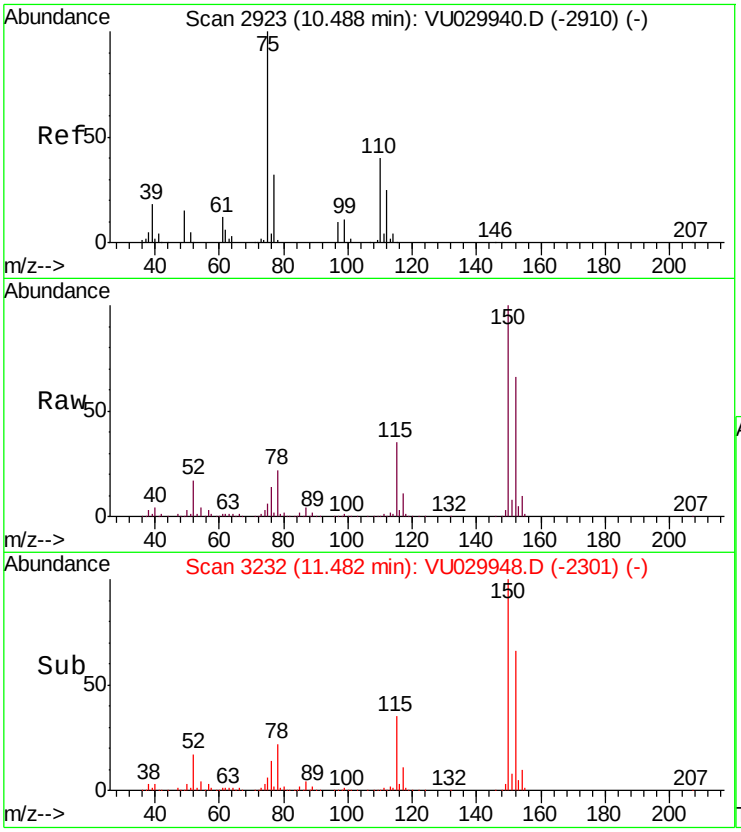


#48
2-Hexanone
Concen: 8.843 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Tgt Ion: 43 Resp: 37623

Ion	Ratio	Lower	Upper
43	100		
58	28.0	49.2	73.8#
57	24.2	16.6	25.0
100	0.2	11.4	17.0#





#59
1,2,3-Trichloropropane
Concen: 5.572 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029948.D
Acq: 10 Mar 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
BF0R1

Tgt Ion: 75 Resp: 27879

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.1	39.1