Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032348.D
Acq On : 29 May 2019 09:58
Operator : JC/SP
Sample : K3045-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C56

Quant Time: May 30 05:37:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	356266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	122504	6.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.40%			
7) Chloroethane-d5	1.67	69	105974	5.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.60%			
11) 1,1-Dichloroethene-d2	2.27	63	176265	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.19	46	288283	51.08	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.16%			
24) Chloroform-d	4.64	84	229049	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.30	65	116650	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.33	84	482054	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.32	67	145429	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.56	98	411055	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	7.85	79	51241	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.31	63	200734	41.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113623	3.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 68.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	158083	3.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 74.80%#			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2075	0.136	ug/L	86
8) Chloroethane	1.86	64	1635	0.167	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2128	0.169	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1784	0.141	ug/L #	1
13) Acetone	2.32	43	20876	11.939	ug/L	95
15) Methyl Acetate	2.61	43	4843	0.944	ug/L #	83
25) Chloroform	4.67	83	3152	0.139	ug/L	89
35) Methylcyclohexane	6.32	83	34554	1.783	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	15065	1.276	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3328	0.198	ug/L #	83
44) trans-1,3-Dichloropropene	7.85	75	1930	0.146	ug/L	85
48) 2-Hexanone	8.37	43	14542	3.177	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	15857	2.063	ug/L	99

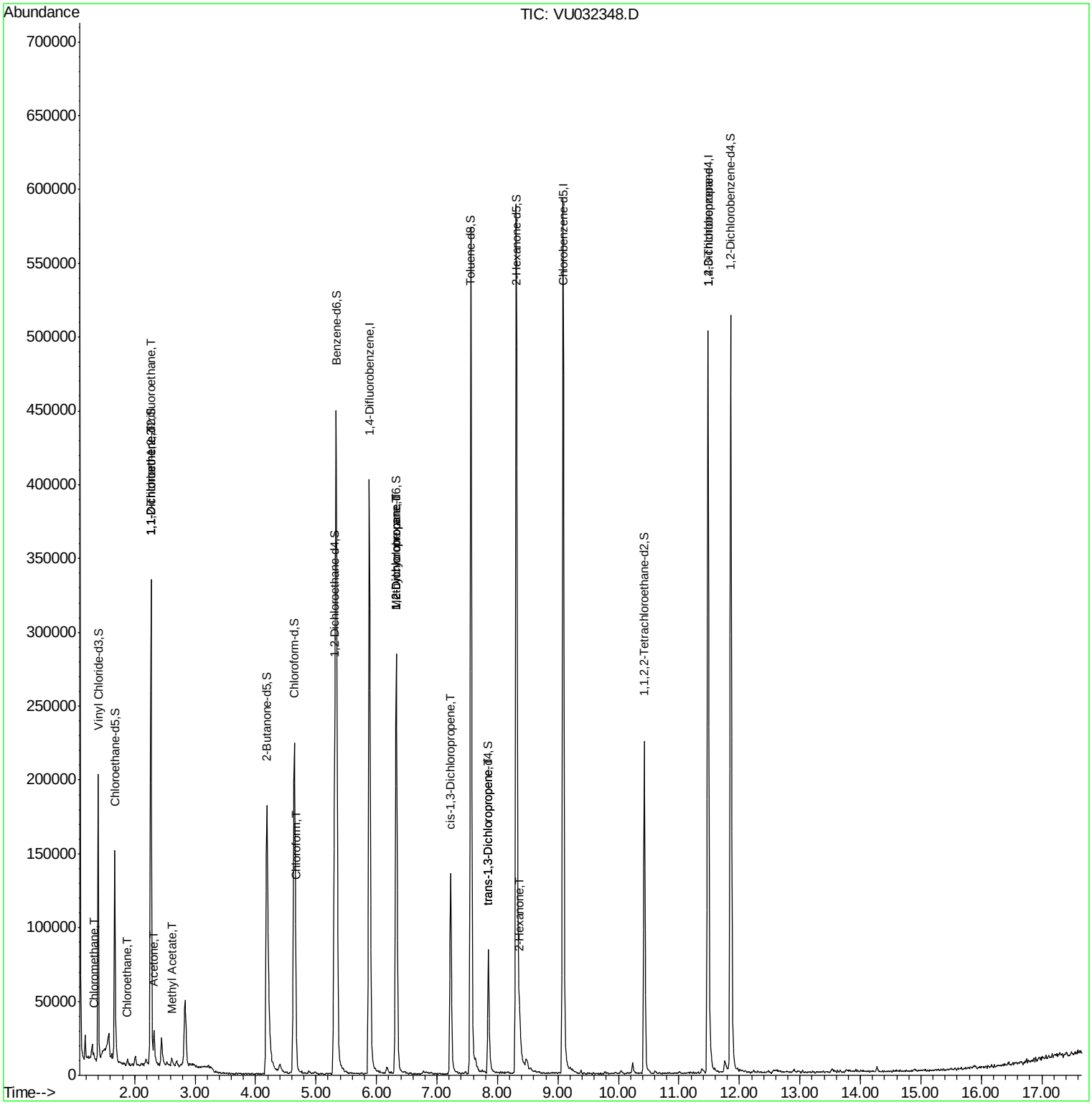
(#) = qualifier out of range (m) = manual integration (+) = signals summed

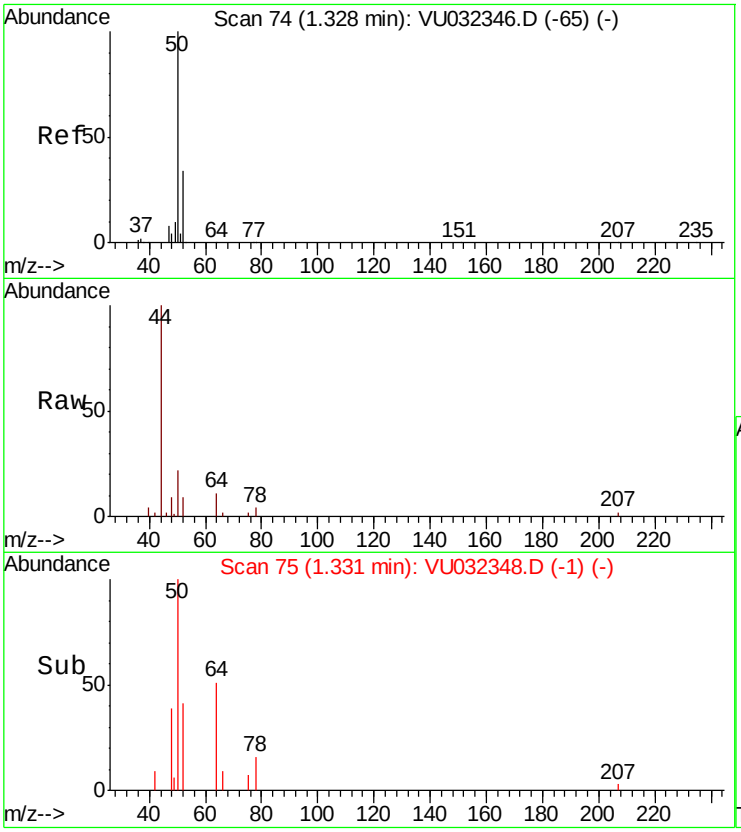
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032348.D
Acq On : 29 May 2019 09:58
Operator : JC/SP
Sample : K3045-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C56

Quant Time: May 30 05:37:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration



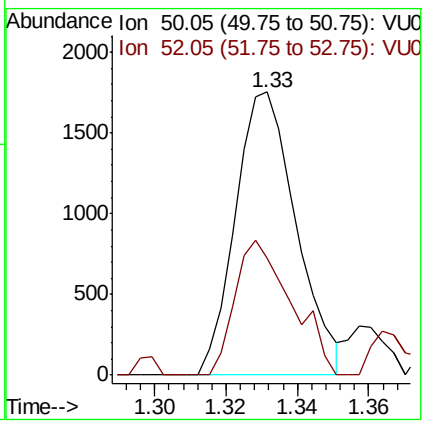


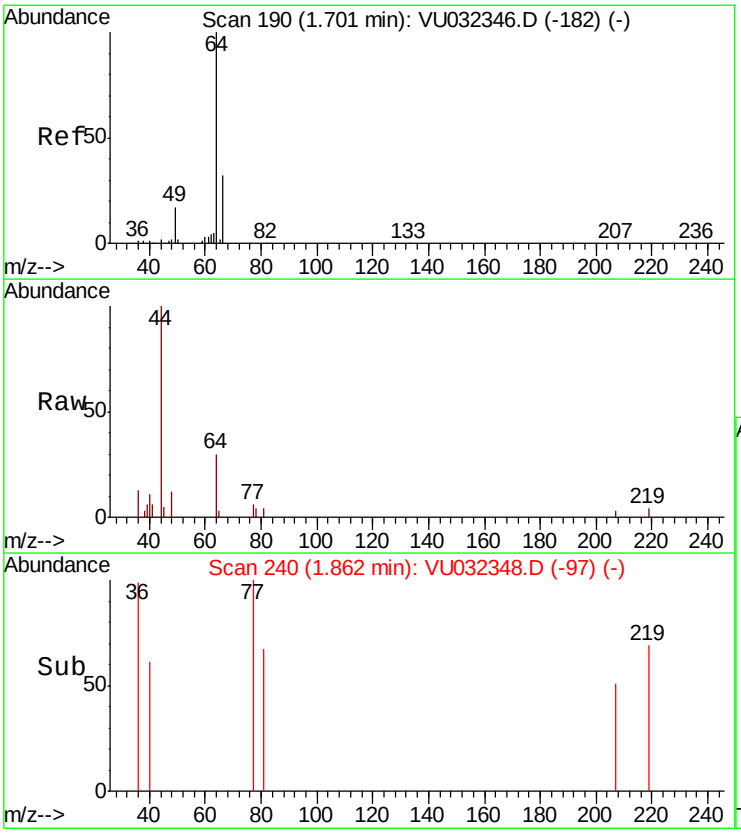
#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument : MSVOA_U
ClientSampleId : C0C56

Tgt Ion: 50 Resp: 2075

Ion	Ratio	Lower	Upper
50	100		
52	41.4	23.3	43.3

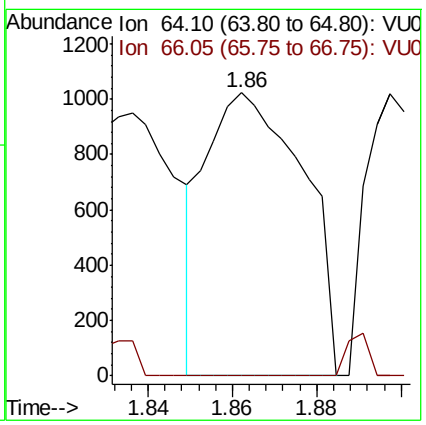


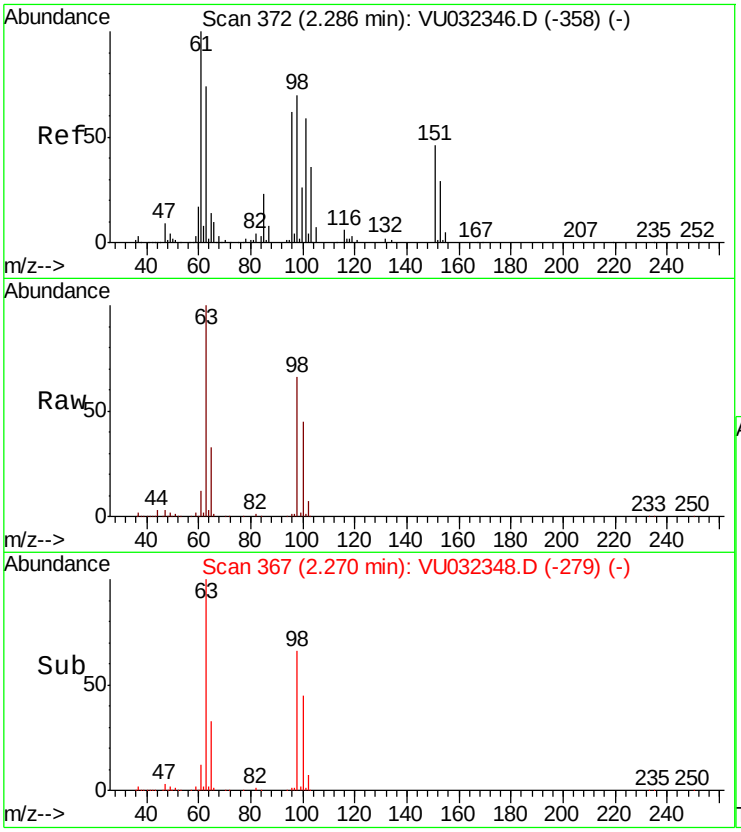


#8
Chloroethane
Concen: 0.167 ug/L
RT: 1.86 min Scan# 240
Delta R.T. 0.16 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 64 Resp: 1635

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.1	42.9#



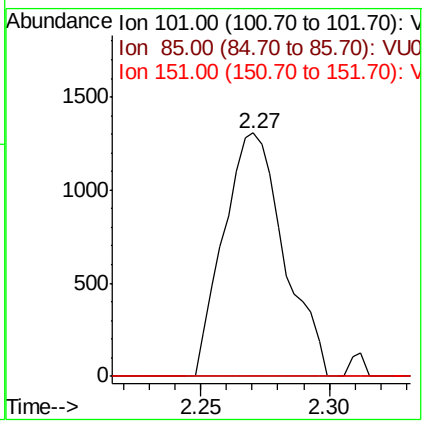


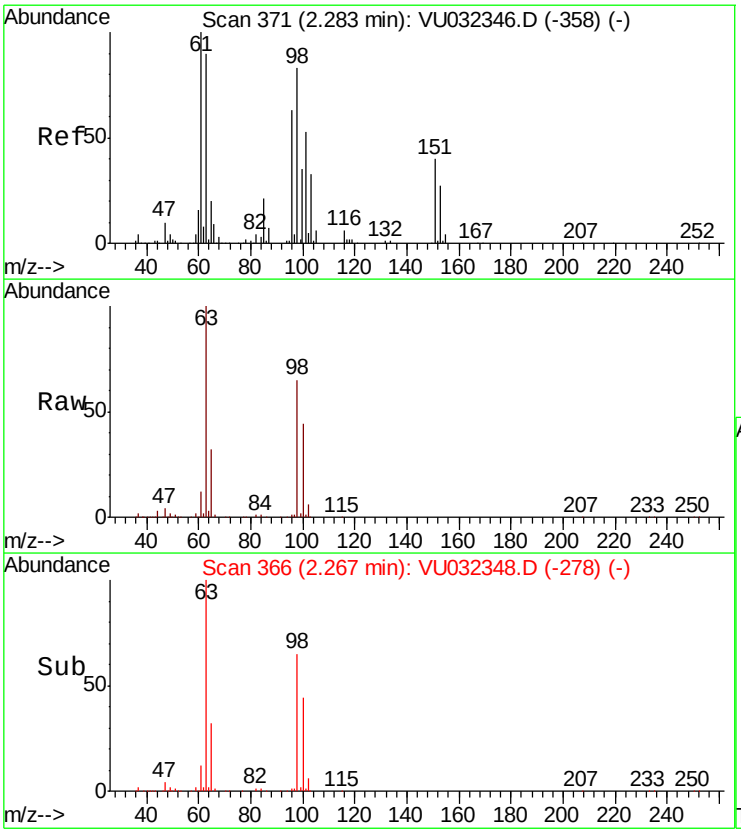
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.169 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
C0C56

Tgt Ion:101 Resp: 2128

Ion	Ratio	Lower	Upper
101	100		
85	1.0	34.2	51.4#
151	0.0	64.4	96.6#

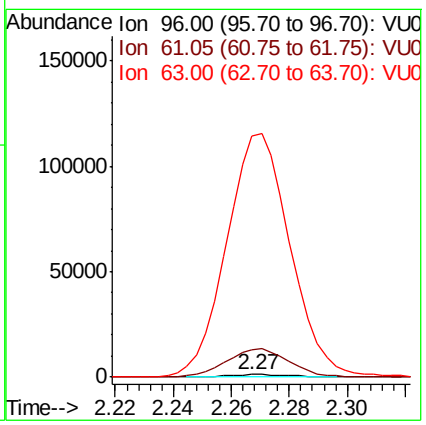


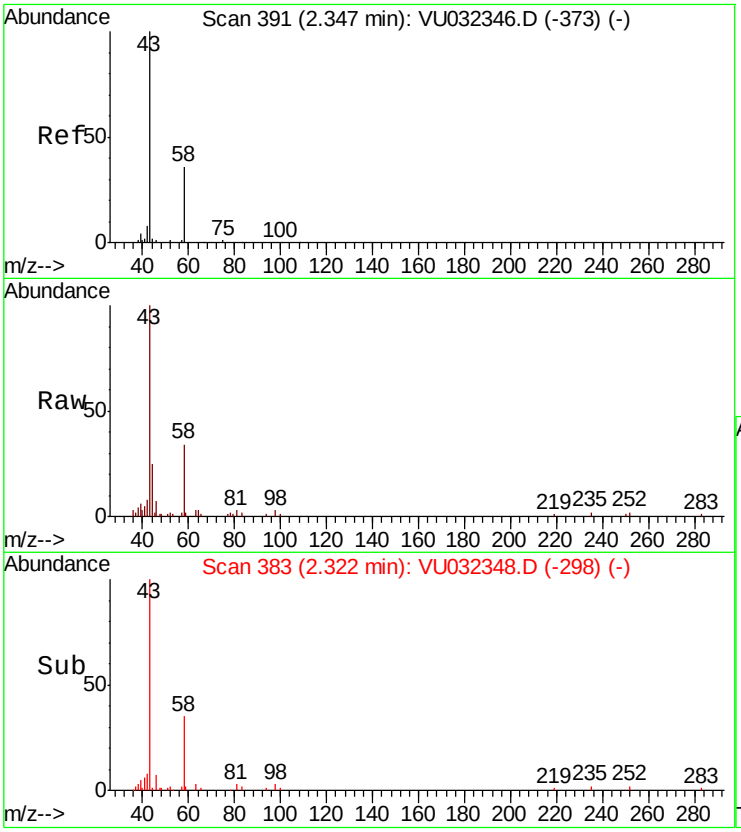


#12
1,1-Dichloroethene
Concen: 0.141 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 96 Resp: 1784

Ion	Ratio	Lower	Upper
96	100		
61	1134.8	113.8	211.3#
63	9802.1	108.8	202.2#



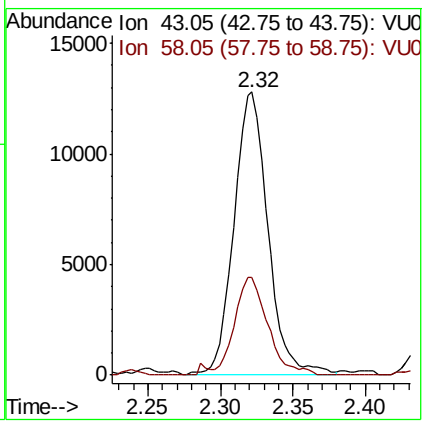


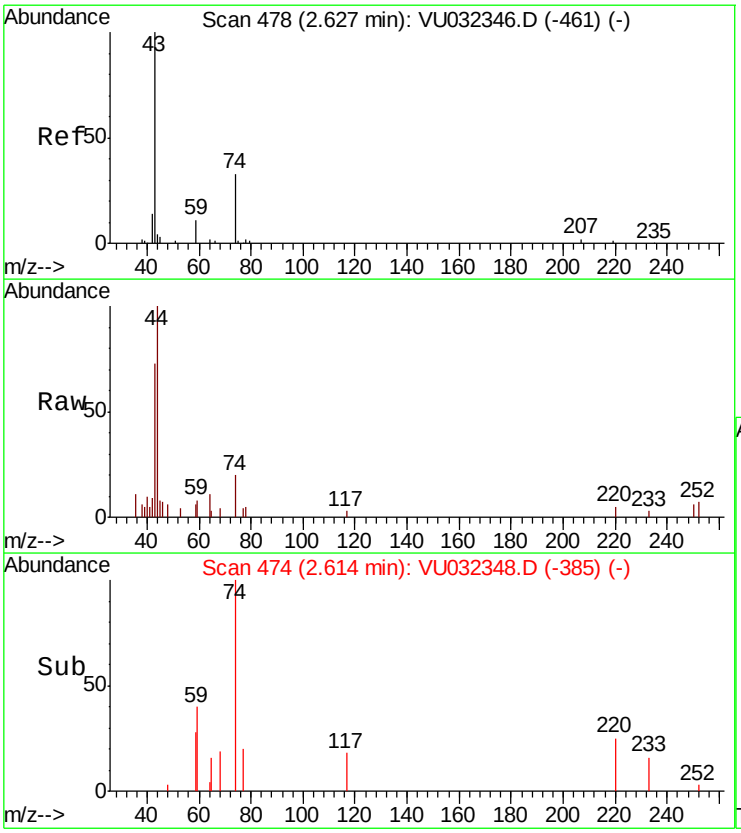
#13
Acetone
Concen: 11.939 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.03 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
C0C56

Tgt Ion: 43 Resp: 20876

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	72.6

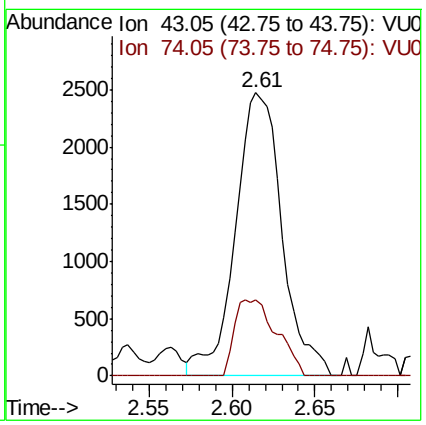


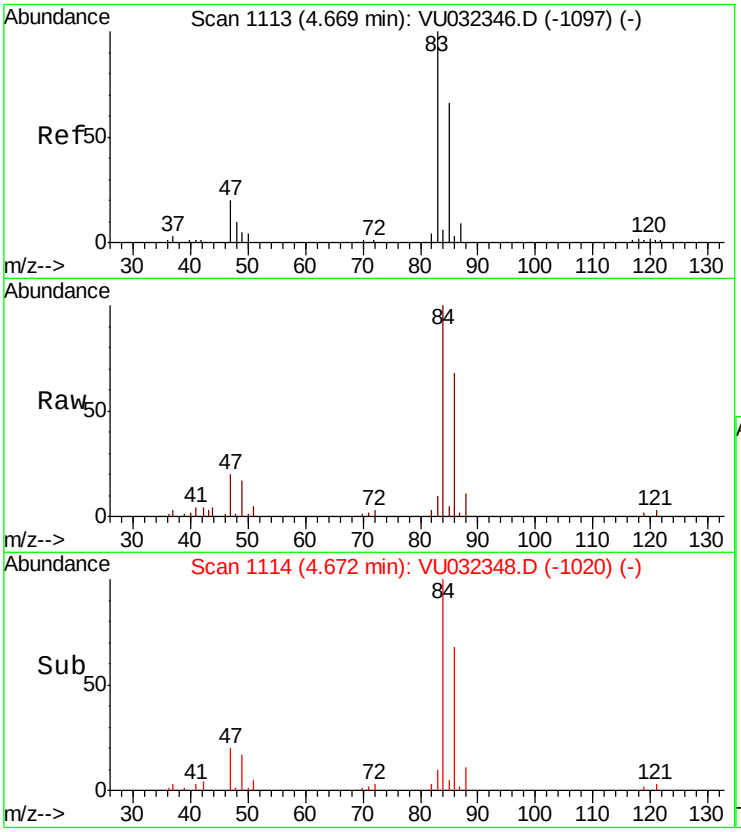


#15
Methyl Acetate
Concen: 0.944 ug/L
RT: 2.61 min Scan# 474
Delta R.T. -0.01 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 43 Resp: 4843

Ion	Ratio	Lower	Upper
43	100		
74	24.2	27.3	40.9#



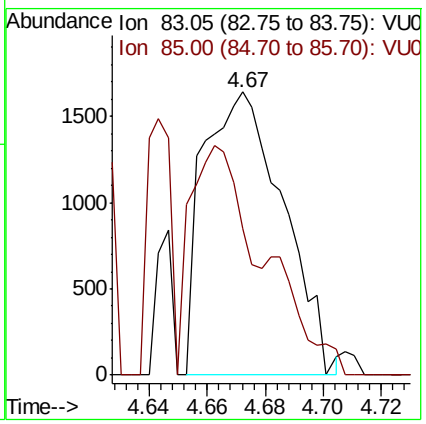


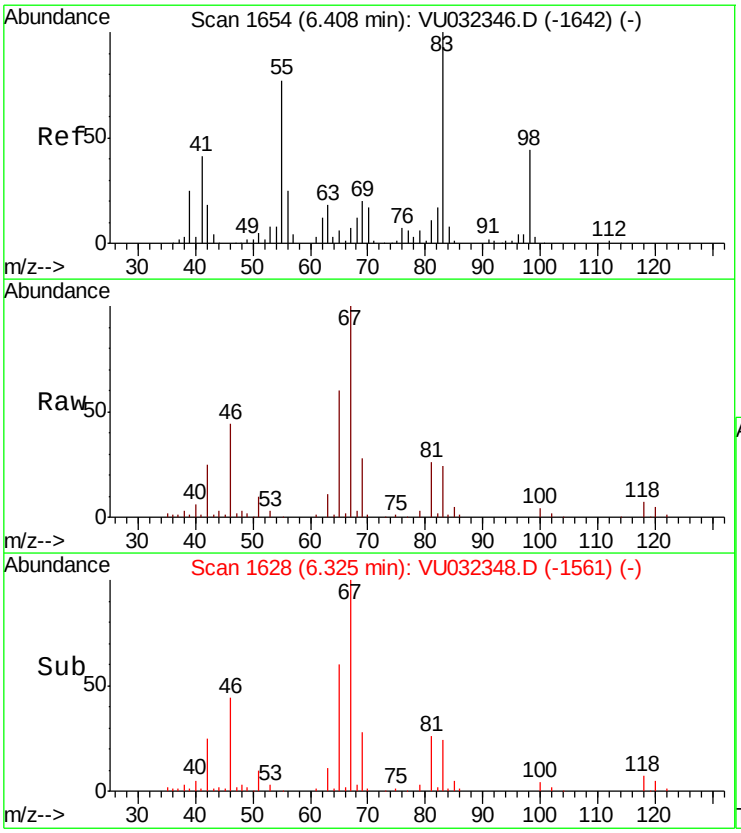
#25
Chloroform
Concen: 0.139 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
C0C56

Tgt Ion: 83 Resp: 3152

Ion	Ratio	Lower	Upper
83	100		
85	51.5	41.6	77.3

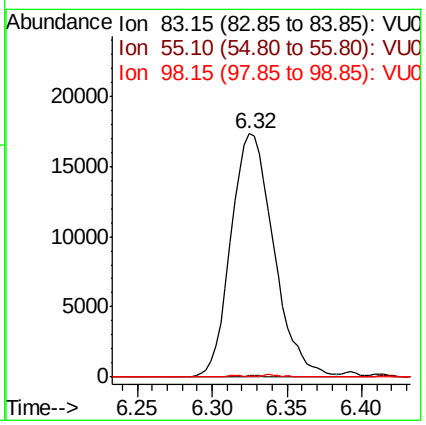


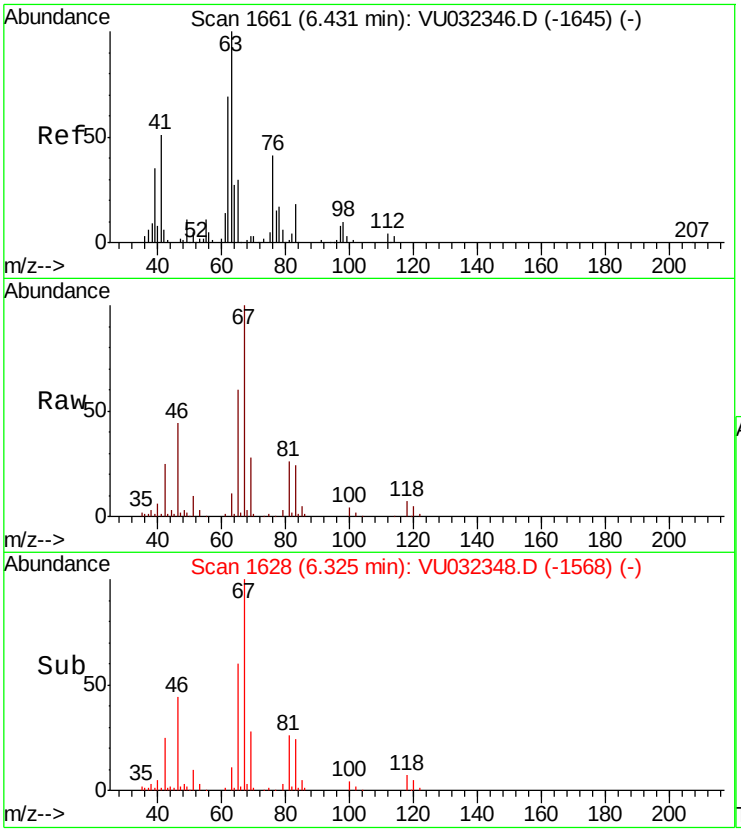


#35
Methylcyclohexane
Concen: 1.783 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 83 Resp: 34554

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	0.2	37.5	56.3#



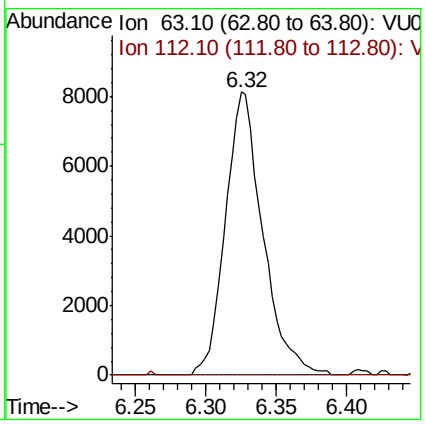


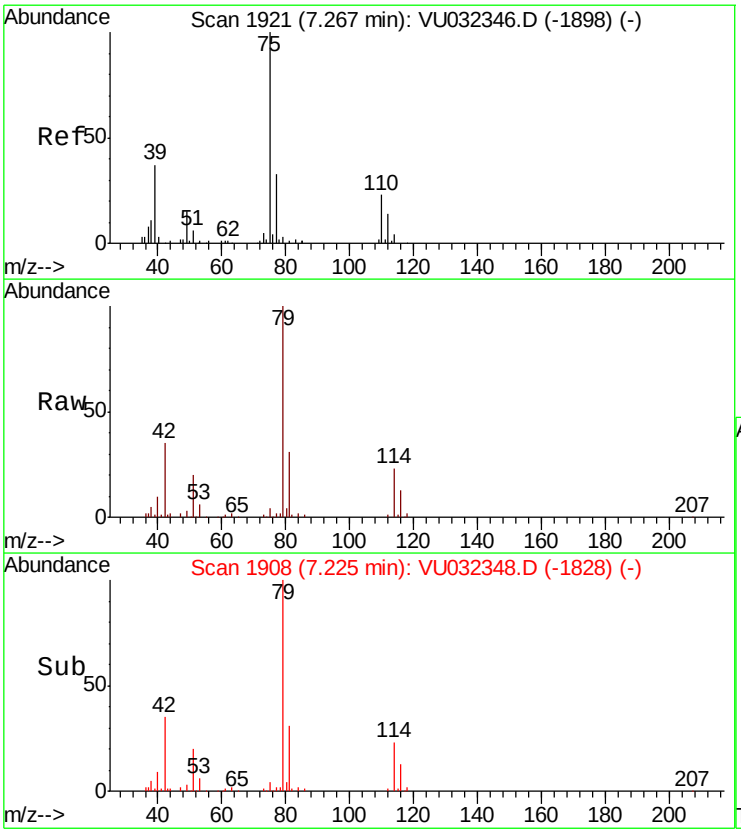
#37
1,2-Dichloropropane
Concen: 1.276 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument : MSVOA_U
ClientSampleId : C0C56

Tgt Ion: 63 Resp: 15065

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#

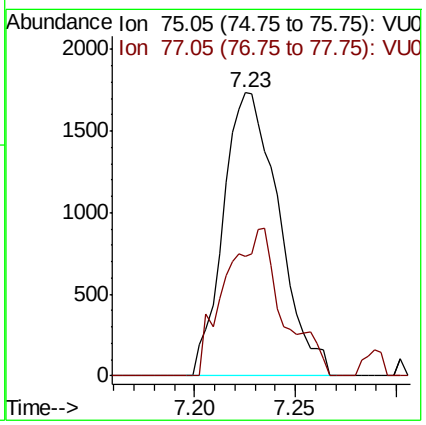


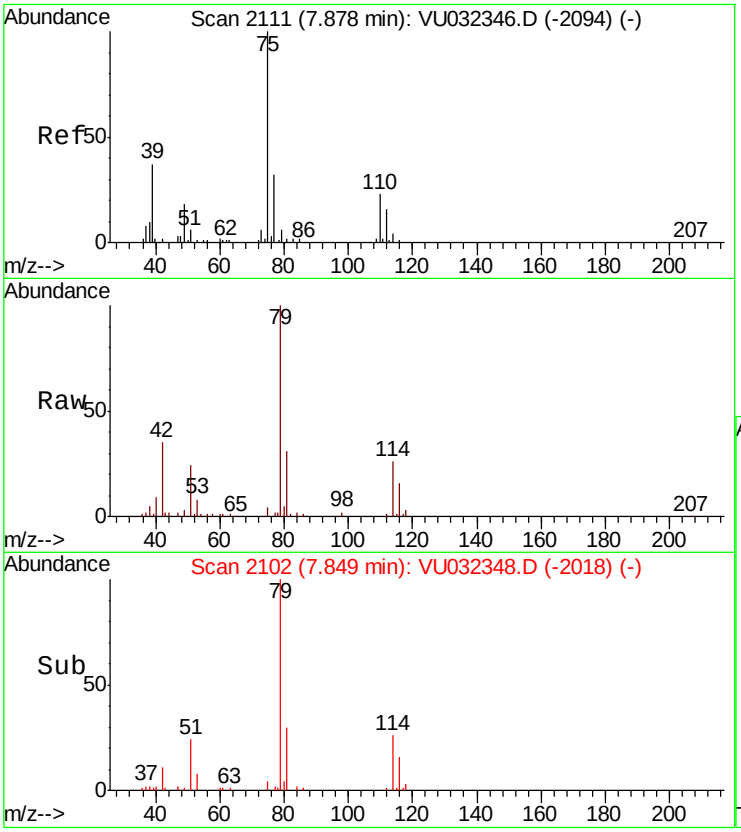


#39
cis-1,3-Dichloropropene
Concen: 0.198 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 75 Resp: 3328

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.6	42.0#



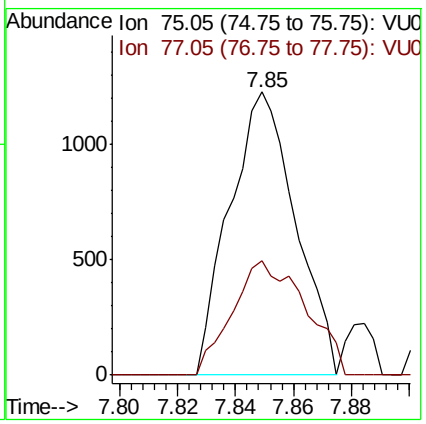


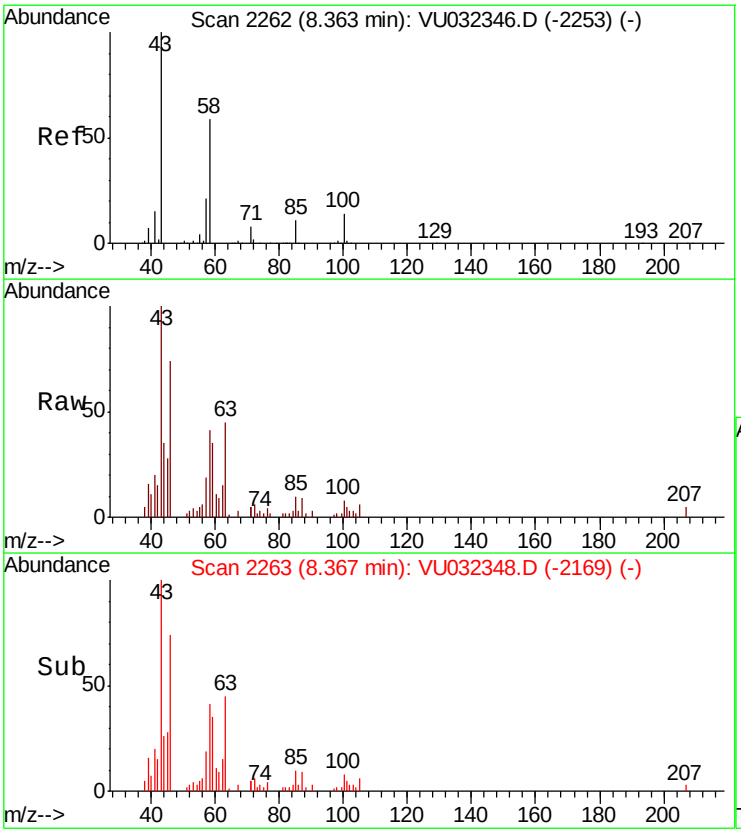
#44
trans-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument : MSVOA_U
ClientSampleId : C0C56

Tgt Ion: 75 Resp: 1930

Ion	Ratio	Lower	Upper
75	100		
77	40.4	22.5	41.9

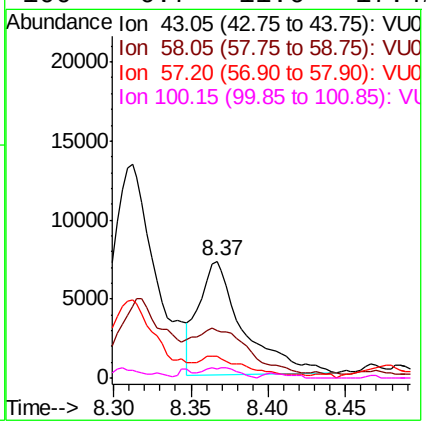


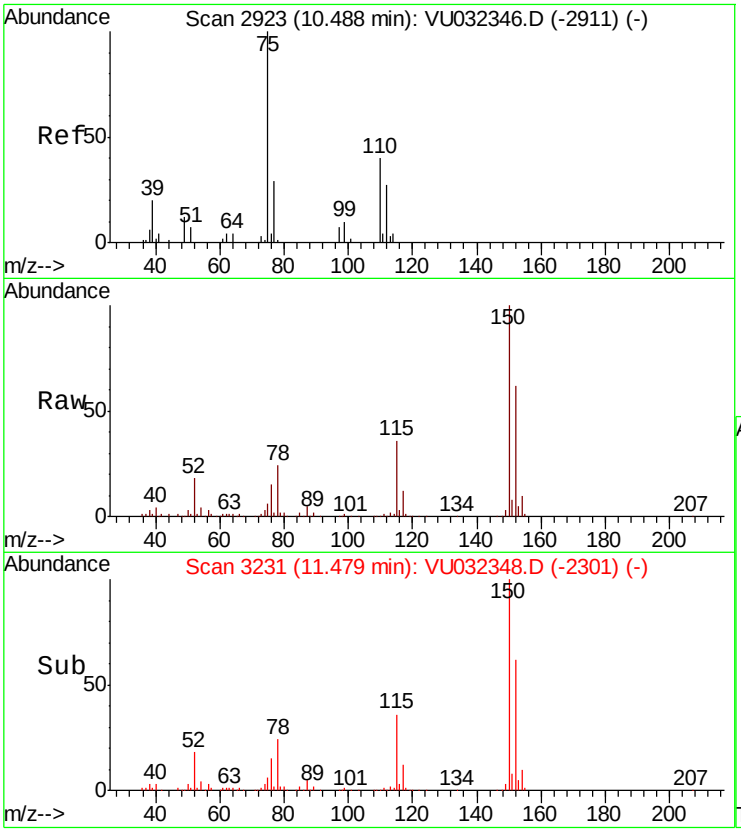


#48
2-Hexanone
Concen: 3.177 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Tgt Ion: 43 Resp: 14542

Ion	Ratio	Lower	Upper
43	100		
58	48.5	49.7	74.5#
57	15.6	17.1	25.7#
100	6.7	11.6	17.4#





#59
1,2,3-Trichloropropane
Concen: 2.063 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032348.D
Acq: 29 May 2019 09:58

Instrument :
MSVOA_U
ClientSampleId :
C0C56

Tgt Ion: 75 Resp: 15857

Ion	Ratio	Lower	Upper
75	100		
77	36.1	28.2	42.4