Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032058.D
Acq On : 16 May 2019 19:00
Operator : JC/SP
Sample : K2850-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W23

Quant Time: May 17 07:22:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160609	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	156317	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.67	69	130981	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.27	63	218172	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.40%			
20) 2-Butanone-d5	4.19	46	265180	39.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.24%			
24) Chloroform-d	4.64	84	255677	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
26) 1,2-Dichloroethane-d4	5.30	65	131603	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
32) Benzene-d6	5.33	84	558830	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.33	67	164719	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.56	98	464181	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	7.85	79	53008	4.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.40%			
46) 2-Hexanone-d5	8.31	63	231794	38.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.86%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123897	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	162519	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
8) Chloroethane	1.46	64	99294	7.838	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2668	0.161	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1944	0.120	ug/L #	1
13) Acetone	2.33	43	3220	1.465	ug/L	81
25) Chloroform	4.66	83	11526	0.391	ug/L	85
27) 1,2-Dichloroethane	5.33	62	2688	0.158	ug/L #	73
35) Methylcyclohexane	6.33	83	37676	1.529	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17390	1.128	ug/L #	88
48) 2-Hexanone	8.37	43	11432	2.061	ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	18117	1.849	ug/L	88

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

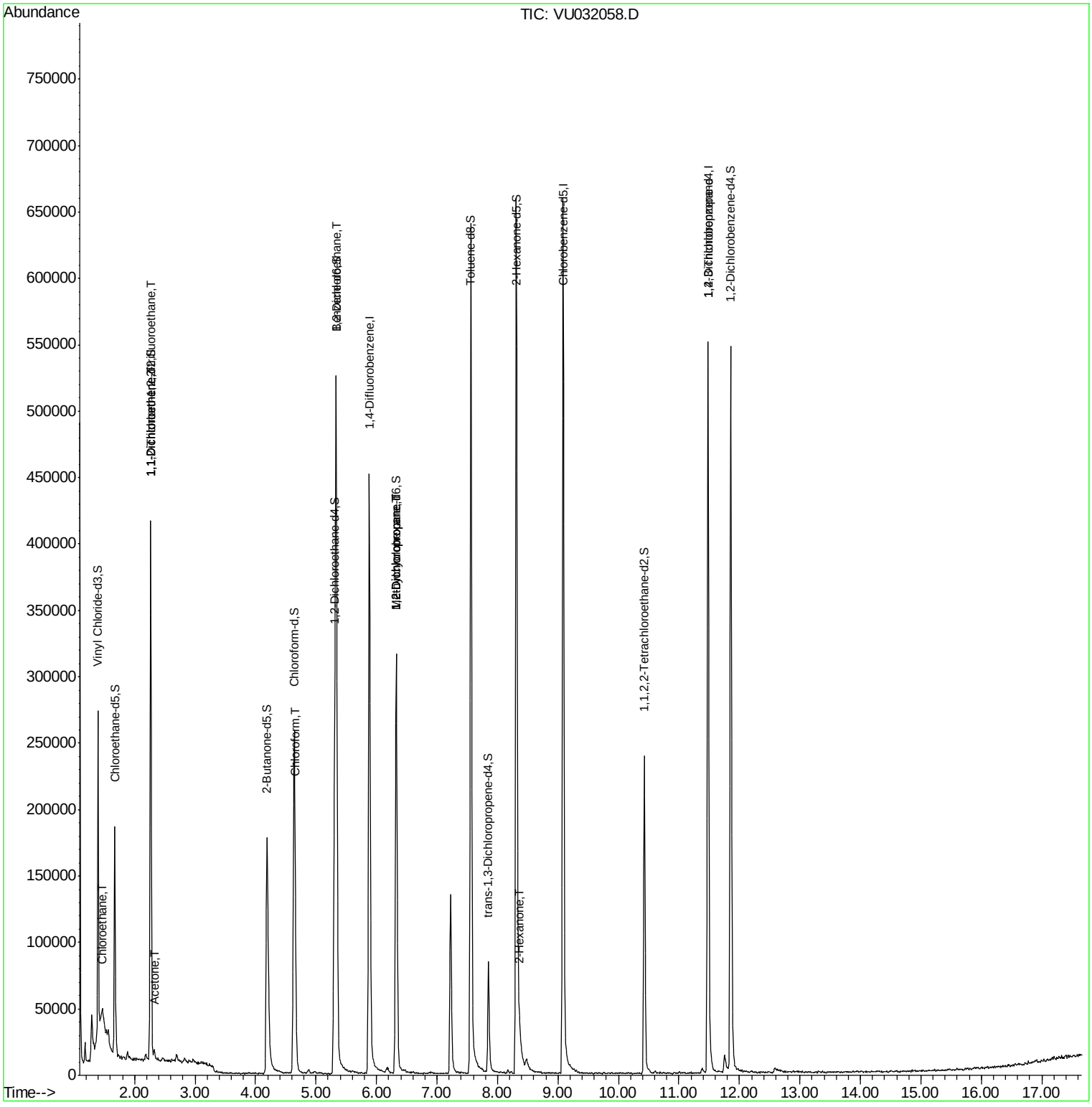
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

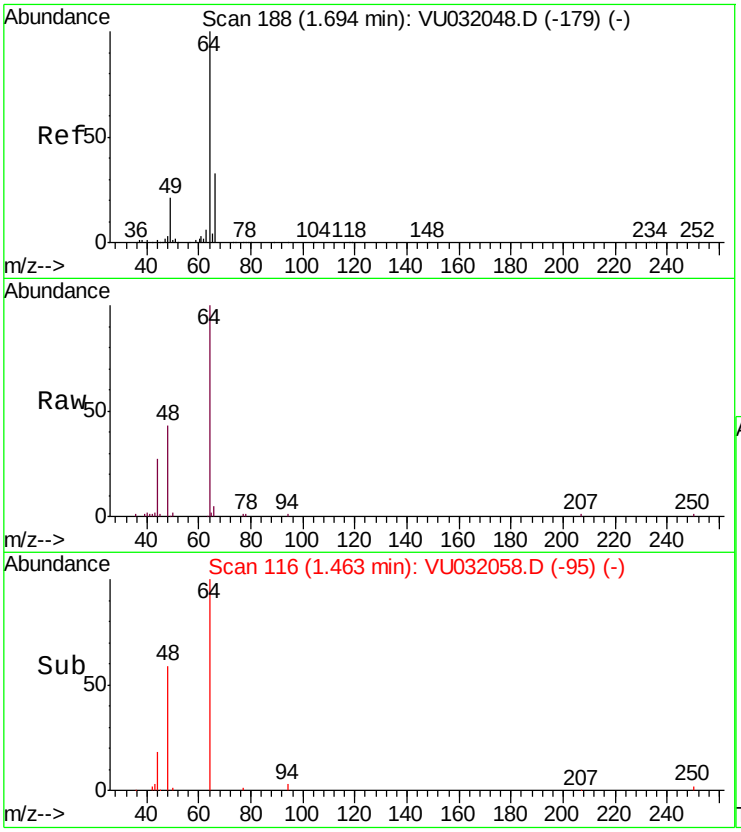
Quantitation Report (Not Reviewed)

Data File : VU032058.D
Acq On : 16 May 2019 19:00
Operator : JC/SP
Sample : K2850-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W23

Quant Time: May 17 07:22:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



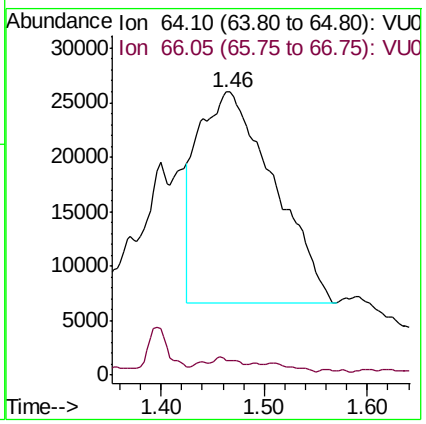


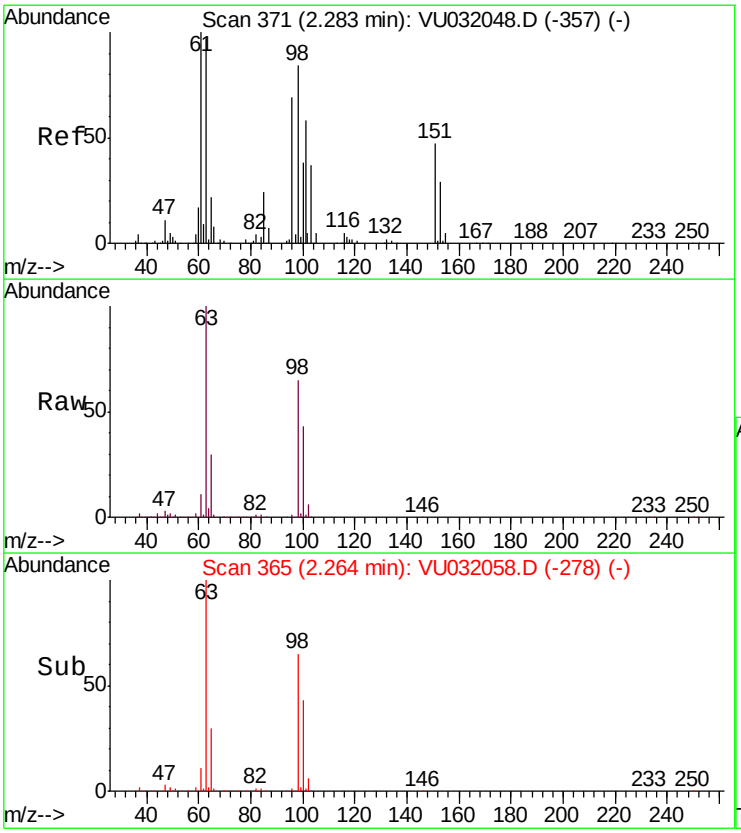
#8
Chloroethane
Concen: 7.838 ug/L
RT: 1.46 min Scan# 116
Delta R.T. -0.23 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Instrument :
MSVOA_U
ClientSampleId :
F9W23

Tgt Ion: 64 Resp: 99294

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.0	41.0#

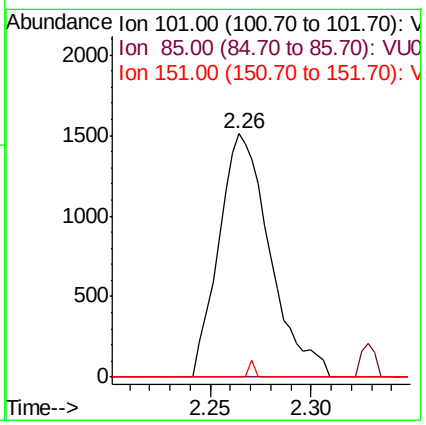


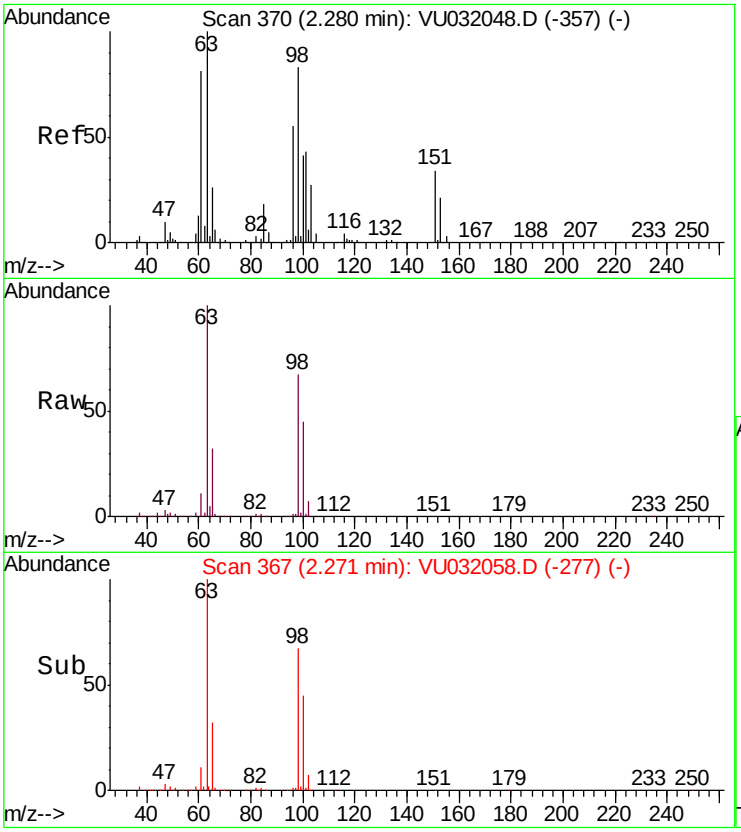


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.161 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Tgt Ion:101 Resp: 2668

Ion	Ratio	Lower	Upper
101	100		
85	3.7	33.8	50.8#
151	0.7	59.4	89.2#



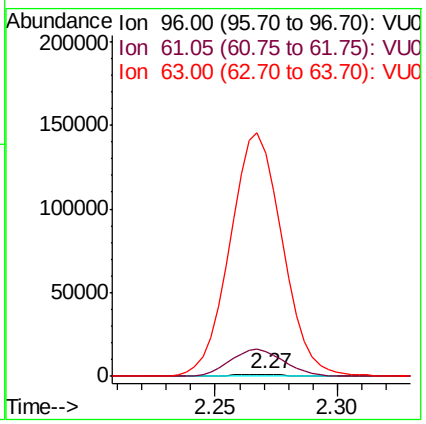


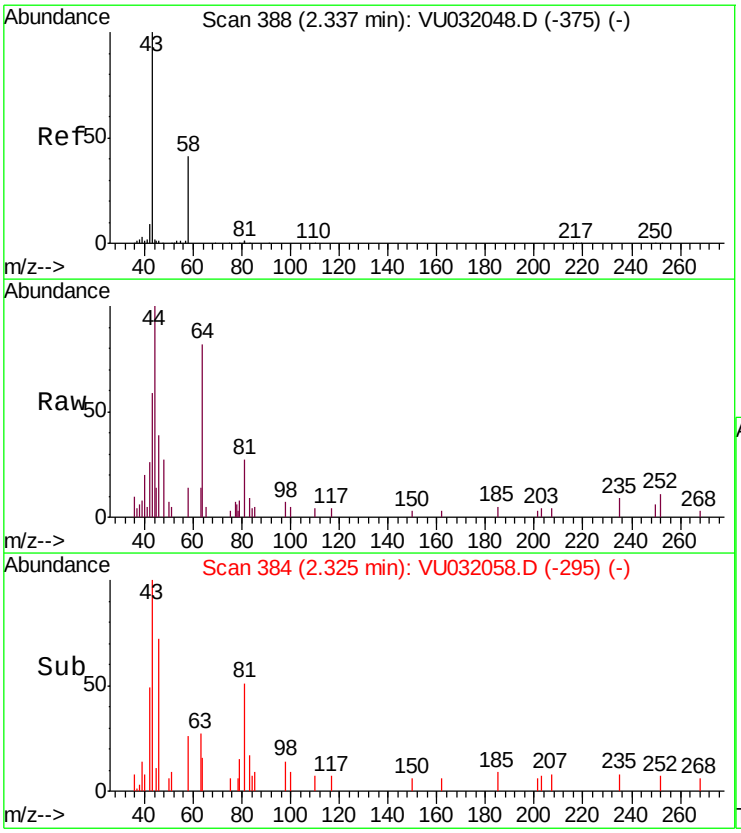
#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Instrument : MSVOA_U
ClientSampleId : F9W23

Tgt Ion: 96 Resp: 1944

Ion	Ratio	Lower	Upper
96	100		
61	1362.5	111.7	207.5#
63	12027.4	152.2	282.6#

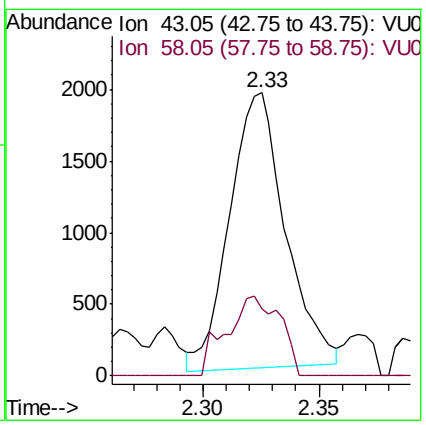


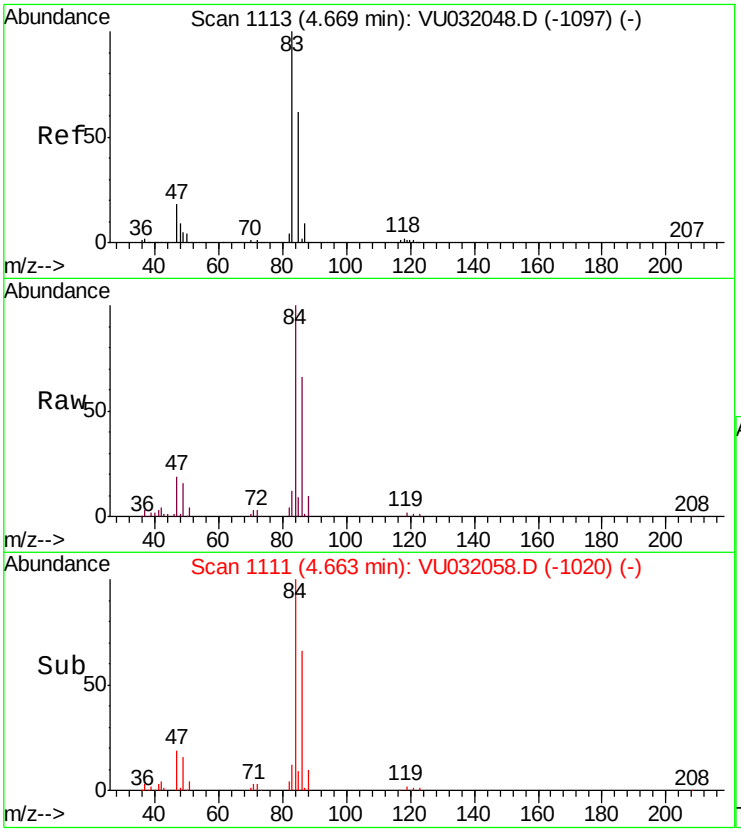


#13
Acetone
Concen: 1.465 ug/L
RT: 2.33 min Scan# 384
Delta R.T. -0.01 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Tgt Ion: 43 Resp: 3220

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	78.8



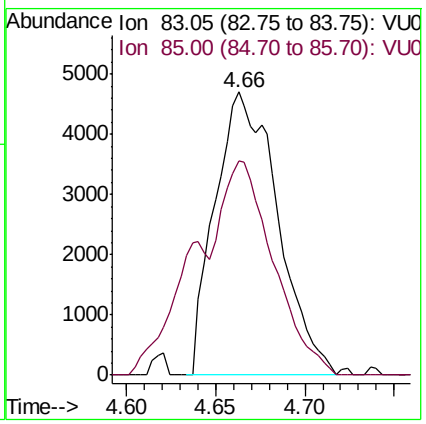


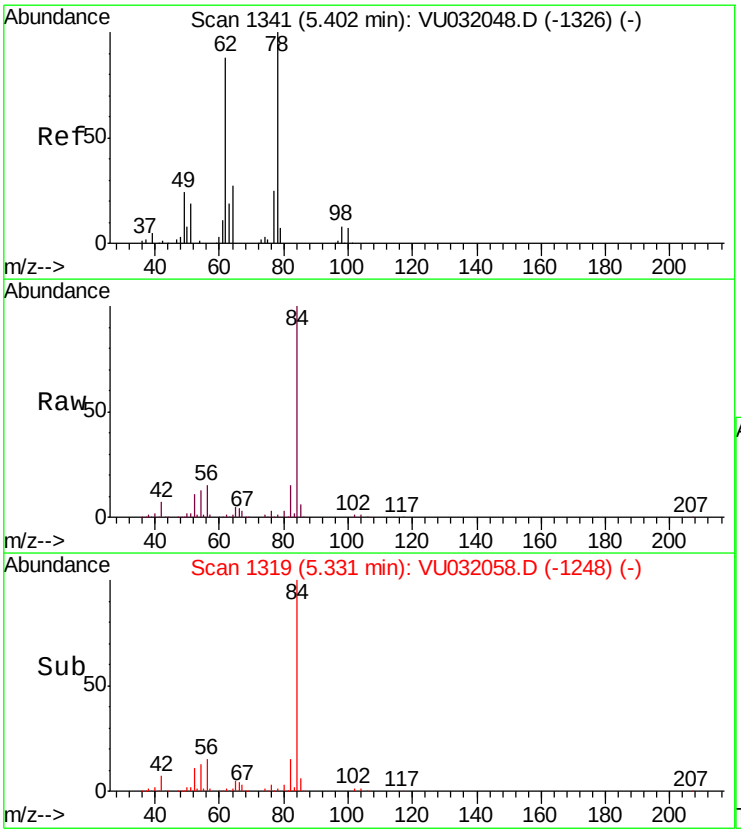
#25
Chloroform
Concen: 0.391 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Instrument :
MSVOA_U
ClientSampleId :
F9W23

Tgt Ion: 83 Resp: 11526

Ion	Ratio	Lower	Upper
83	100		
85	75.6	44.9	83.3

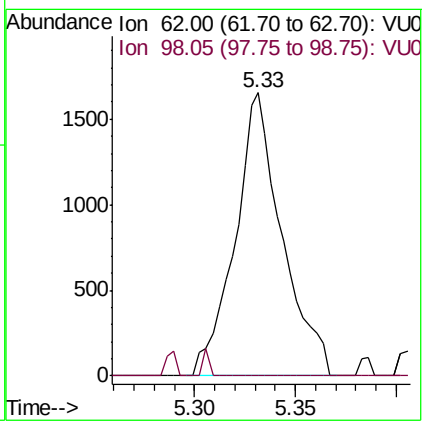


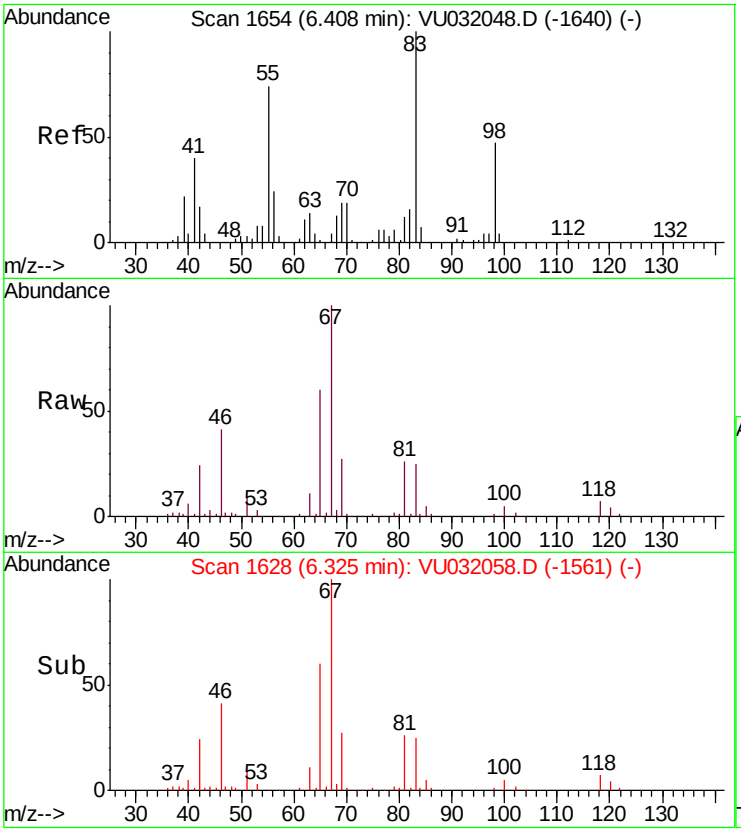


#27
1,2-Dichloroethane
Concen: 0.158 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Tgt Ion: 62 Resp: 2688

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#



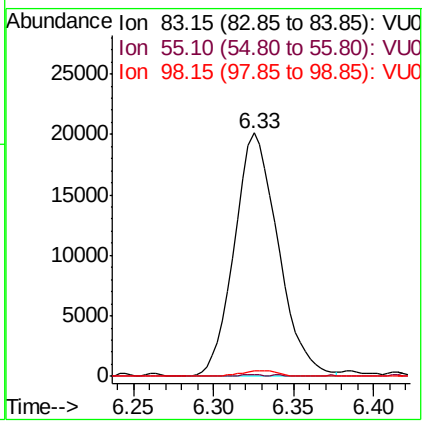


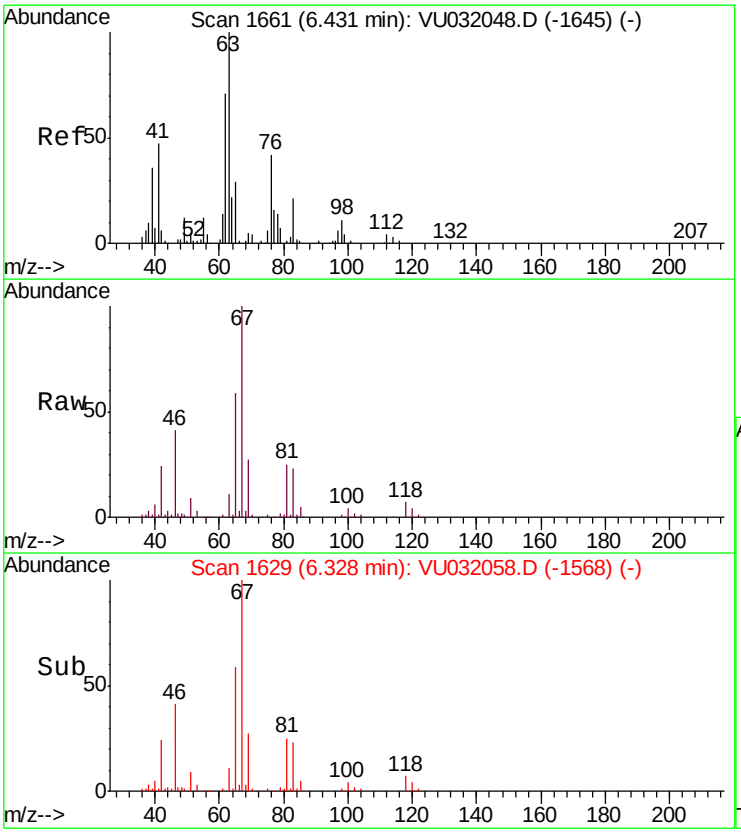
#35
Methylcyclohexane
Concen: 1.529 ug/L
RT: 6.33 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Instrument : MSVOA_U
ClientSampleId : F9W23

Tgt Ion: 83 Resp: 37676

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.9	36.8	55.2#

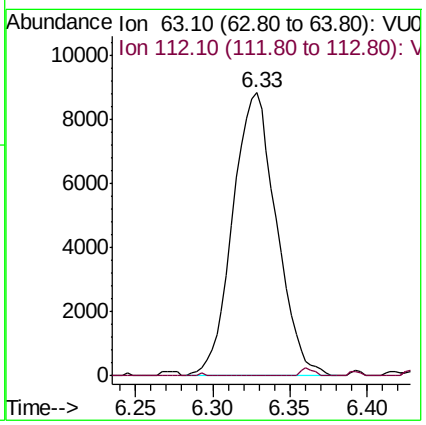


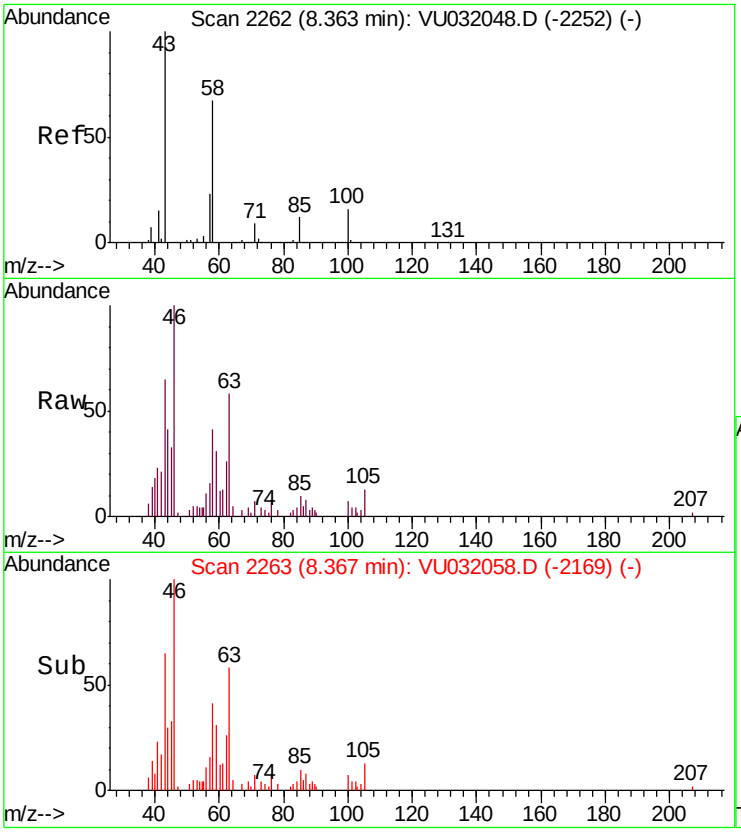


#37
1,2-Dichloropropane
Concen: 1.128 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Tgt Ion: 63 Resp: 17390

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.8	5.6#



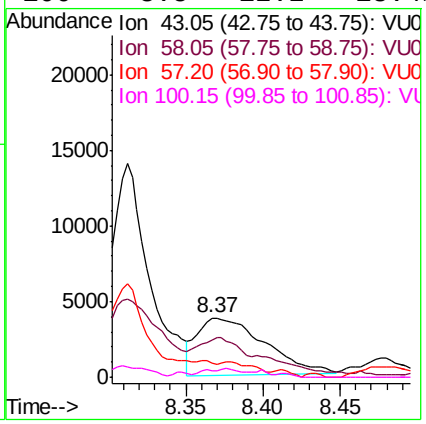


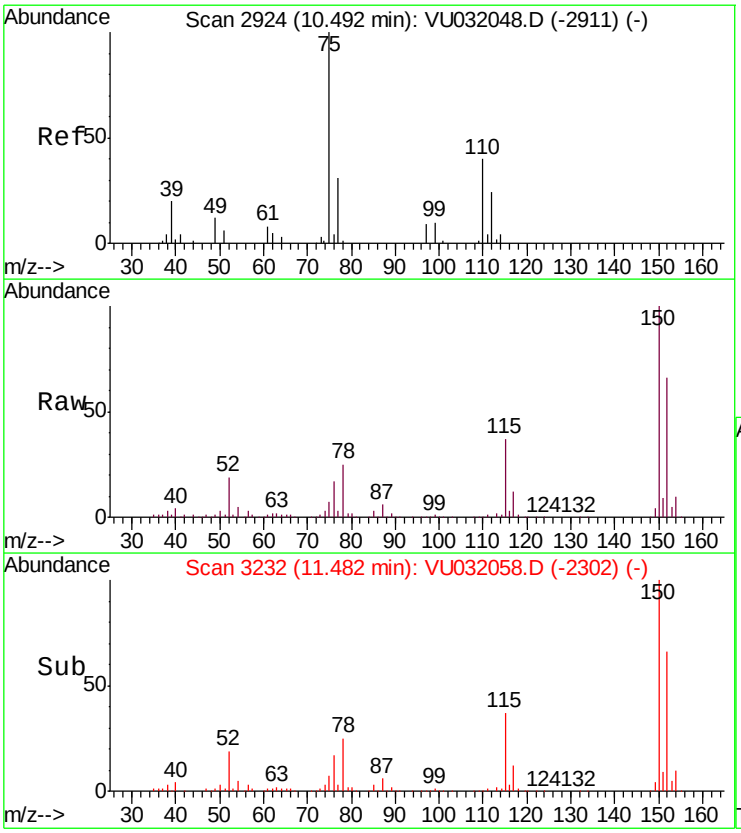
#48
2-Hexanone
Concen: 2.061 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Instrument : MSVOA_U
ClientSampleId : F9W23

Tgt Ion: 43 Resp: 11432

Ion	Ratio	Lower	Upper
43	100		
58	22.5	51.6	77.4#
57	0.0	18.4	27.6#
100	3.5	12.2	18.4#





#59
1,2,3-Trichloropropane
Concen: 1.849 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032058.D
Acq: 16 May 2019 19:00

Tgt Ion: 75 Resp: 18117

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.2	39.2