Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

Quantitation Report (Not Reviewed)

Data File : VU026648.D
Acq On : 10 Sep 2018 14:14
Operator : MD/SY
Sample : J4837-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08S9

Quant Time: Sep 11 05:31:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	189936	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177028	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75608	50.00 ug/L	0.00

System Monitoring Compounds

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
4) Vinyl Chloride-d3	1.40	65	67792	47.89 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.78%		
7) Chloroethane-d5	1.68	69	57071	50.04 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.08%		
11) 1,1-Dichloroethene-d2	2.27	63	91189	36.00 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.00%		
21) 2-Butanone-d5	4.18	46	91430	103.80 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.80%		
24) Chloroform-d	4.65	84	115524	49.09 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%		
26) 1,2-Dichloroethane-d4	5.31	65	76644	49.76 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.52%		
32) Benzene-d6	5.34	84	233276	50.91 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.82%		
36) 1,2-Dichloropropane-d6	6.33	67	79427	51.66 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.32%		
41) Toluene-d8	7.57	98	209313	48.69 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.38%		
43) trans-1,3-Dichloropropene-	7.85	79	35110	49.12 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.24%		
47) 2-Hexanone-d5	8.31	63	64230	102.39 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.39%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104732	49.75 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.50%		
64) 1,2-Dichlorobenzene-d4	11.86	152	80470	53.39 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.78%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	853	0.731 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	657	0.587 ug/L #	1
13) Acetone	2.32	43	2365	2.357 ug/L	87
35) Methylcyclohexane	6.33	83	17893	9.072 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8424	6.083 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2042	0.996 ug/L #	76
40) 4-Methyl-2-pentanone	7.57	43	913	0.517 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1502	0.788 ug/L #	81
48) 2-Hexanone	8.31	43	7919	5.309 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	8732	5.329 ug/L	90

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

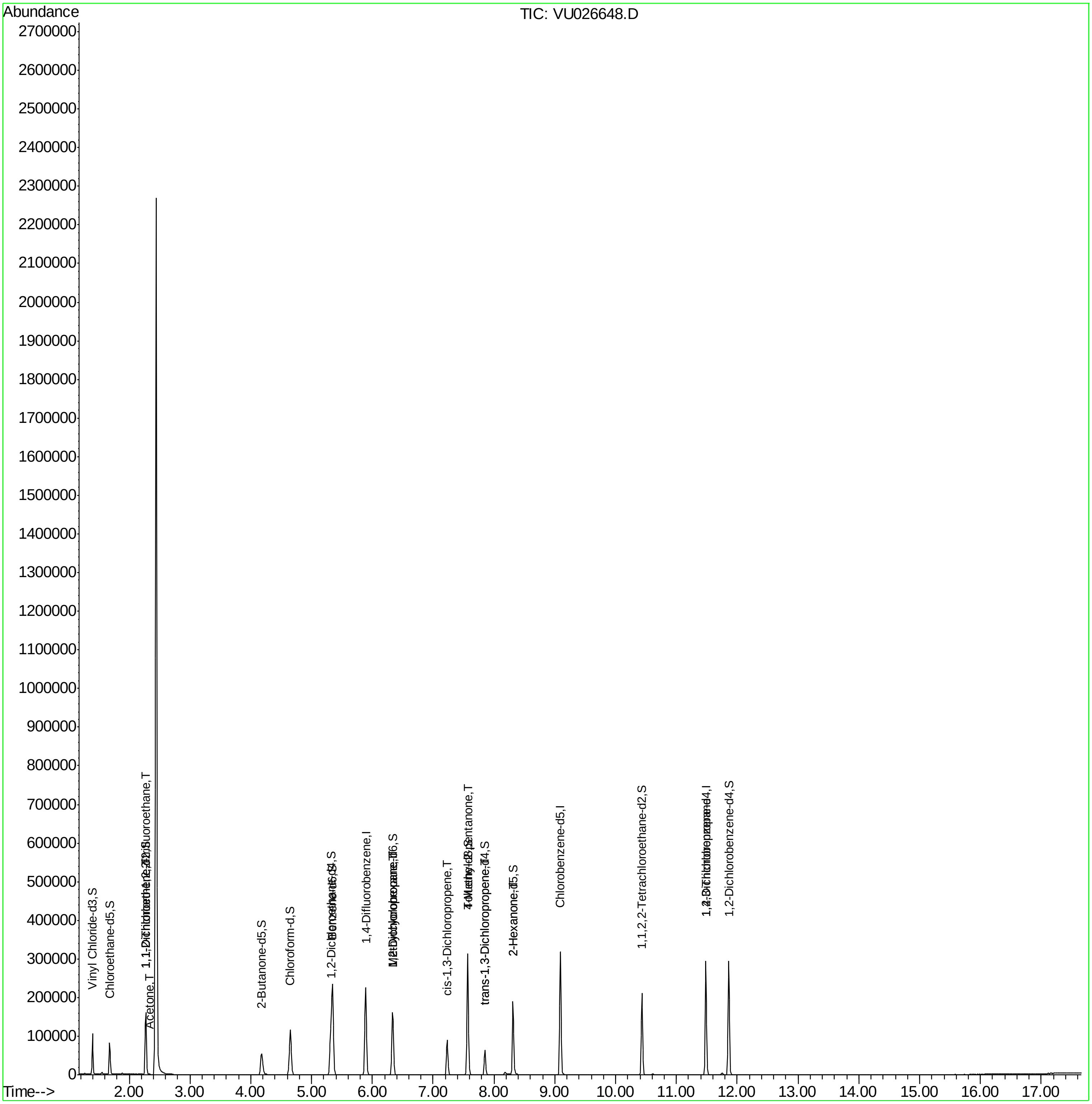
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

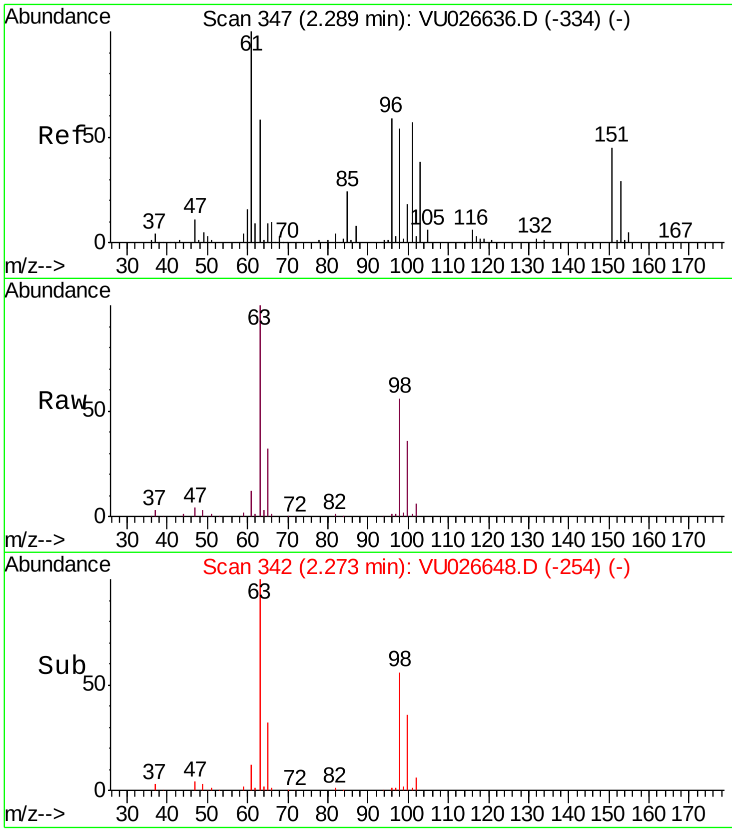
Quantitation Report (Not Reviewed)

Data File : VU026648.D
Acq On : 10 Sep 2018 14:14
Operator : MD/SY
Sample : J4837-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08S9

Quant Time: Sep 11 05:31:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration



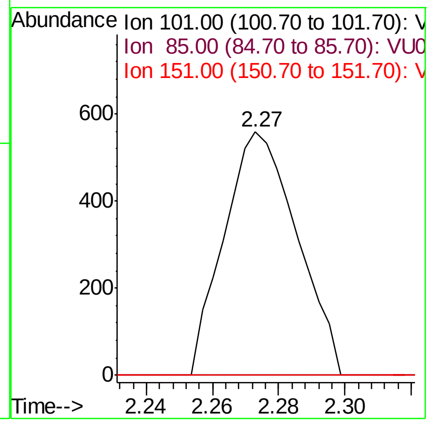


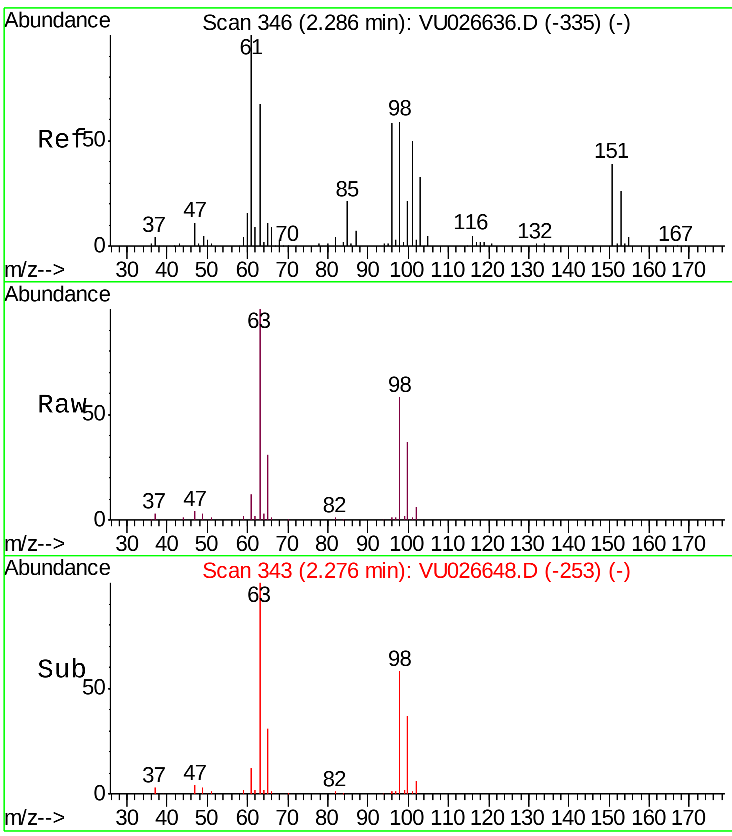
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.27 min   Scan# 342
Delta R.T.   -0.02 min
Lab File: VU026648.D
Acq: 10 Sep 2018   14:14

Instrument : MSVOA_U
ClientSampleId : C08S9

Tgt Ion:101 Resp: 853

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

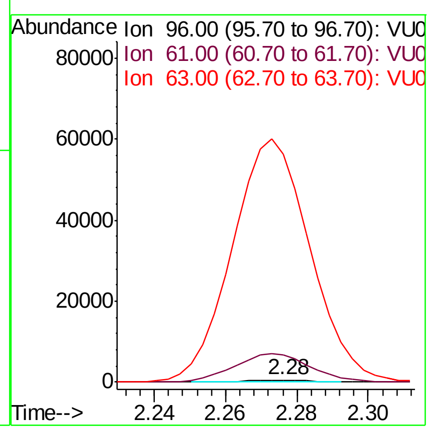


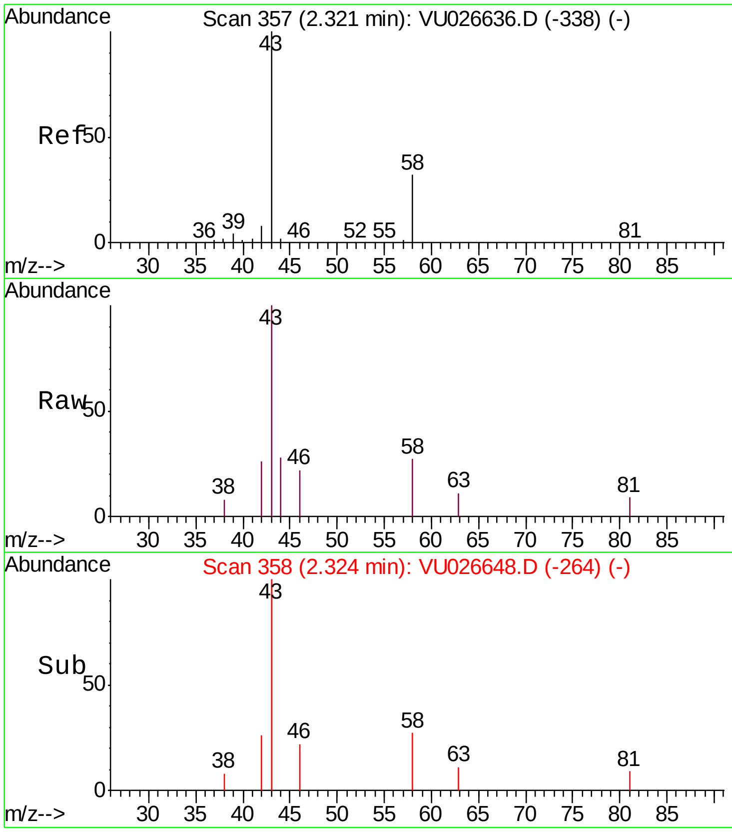


#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.28 min   Scan# 343
Delta R.T.   -0.01 min
Lab File: VU026648.D
Acq: 10 Sep 2018   14:14

Tgt Ion: 96 Resp: 657

Ion	Ratio	Lower	Upper
96	100		
61	1571.9	121.0	224.8#
63	13080.3	89.9	166.9#

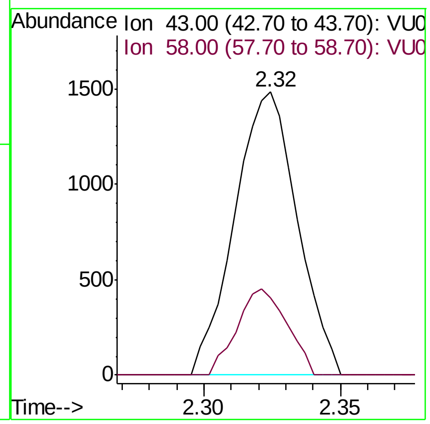


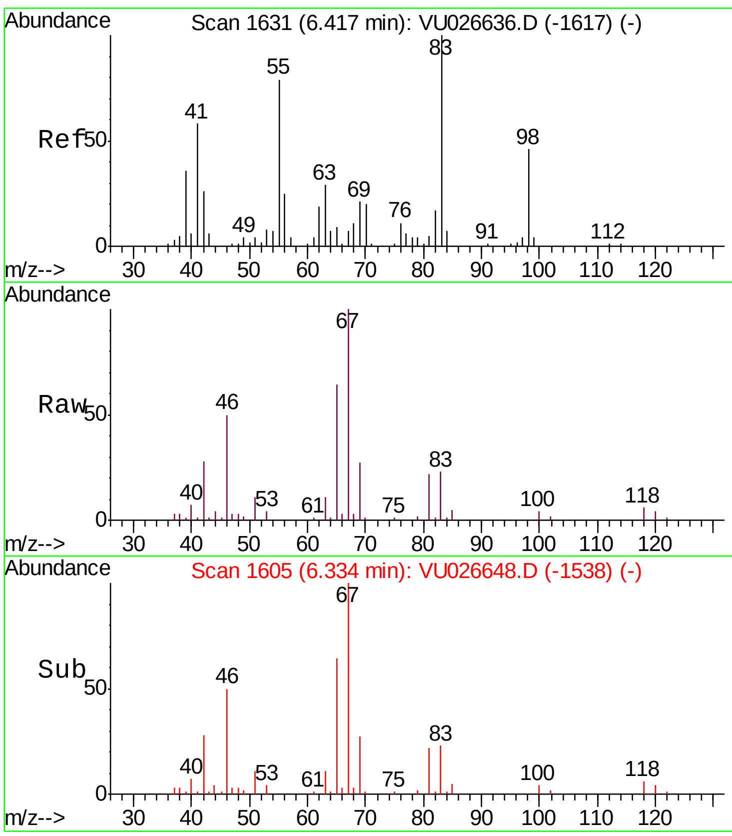



```
#13
Acetone
Concen:     2.357 ug/L
RT: 2.32 min   Scan# 358
Delta R.T.    0.00 min
Lab File:    VU026648.D
Acq: 10 Sep 2018   14:14

Tgt Ion: 43 Resp:     2365
Ion  Ratio  Lower  Upper
 43  100
 58   24.3    0.0   62.8
```

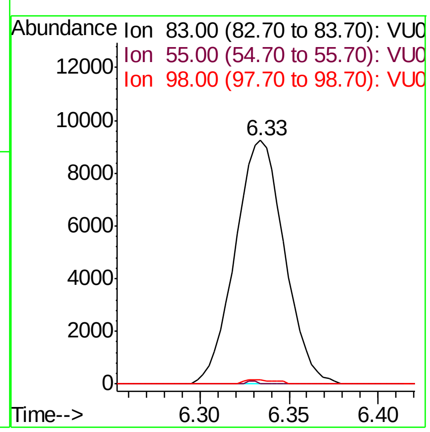
Instrument : MSVOA_U
ClientSampleId : C08S9

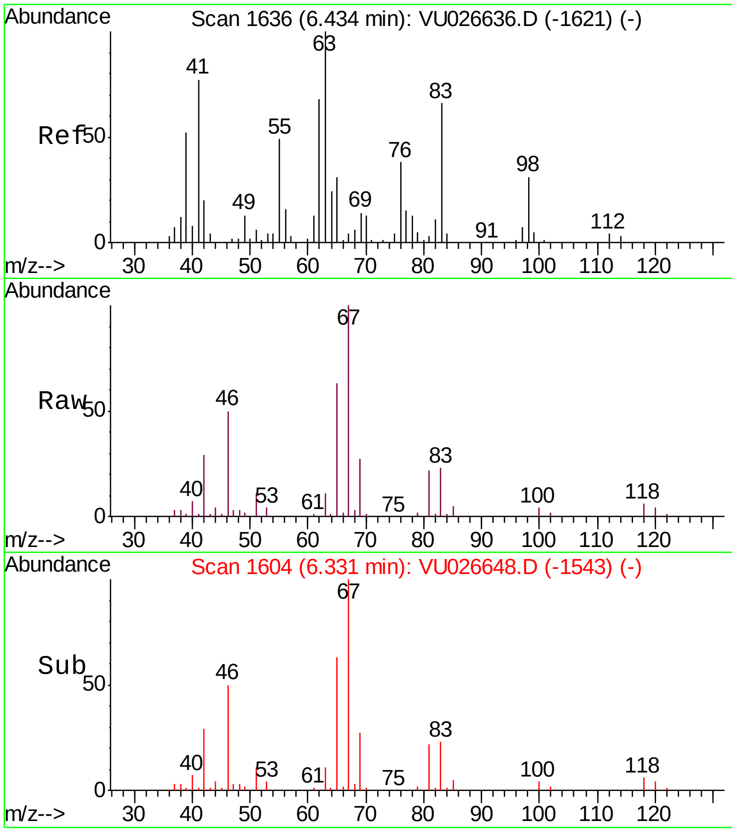





```
#35
Methylcyclohexane
Concen:     9.072 ug/L
RT: 6.33 min   Scan# 1605
Delta R.T.   -0.08 min
Lab File:    VU026648.D
Acq: 10 Sep 2018   14:14

Tgt Ion: 83 Resp:    17893
Ion  Ratio  Lower  Upper
 83  100
 55    0.2   62.9   94.3#
 98    0.9   37.0   55.4#
```



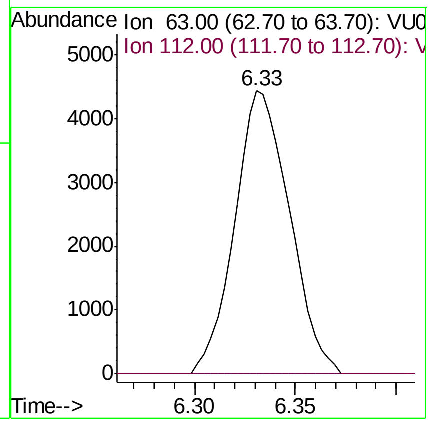


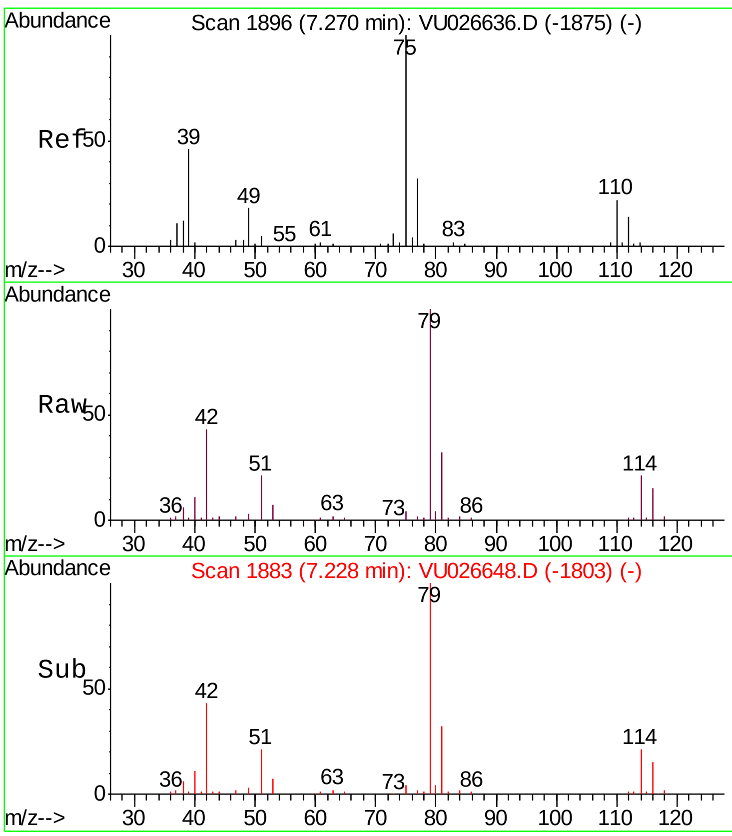
#37
1,2-Dichloropropane
Concen: 6.083 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Instrument :
MSVOA_U
ClientSampleId :
C08S9

Tgt Ion: 63 Resp: 8424

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

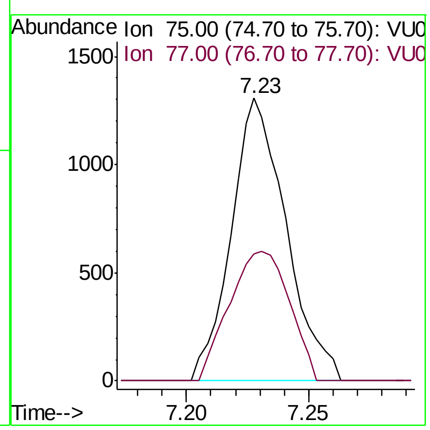


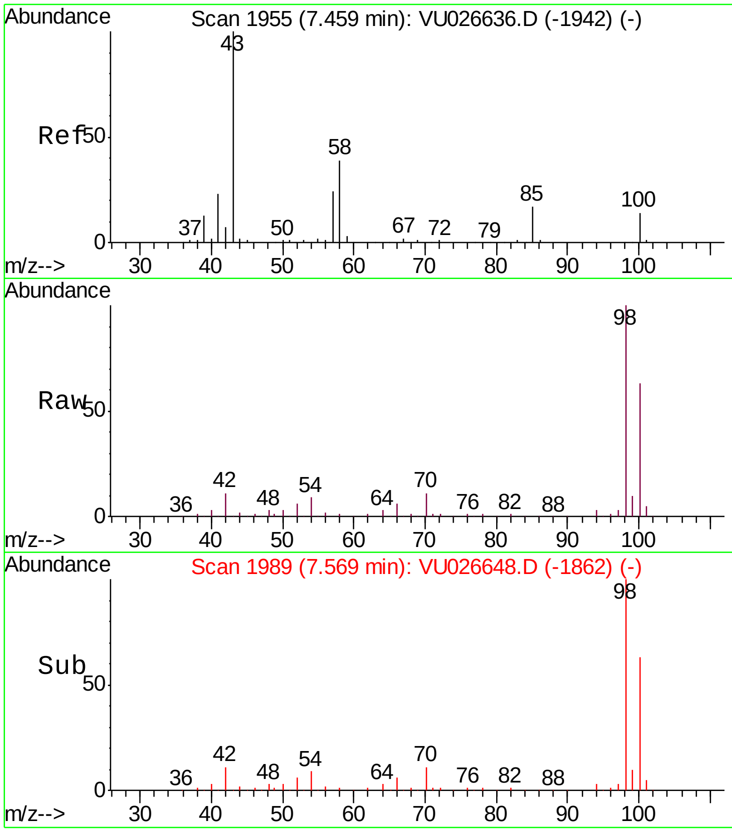


#39
cis-1,3-Dichloropropene
Concen: 0.996 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Tgt Ion: 75 Resp: 2042

Ion	Ratio	Lower	Upper
75	100		
77	45.1	22.3	41.3#



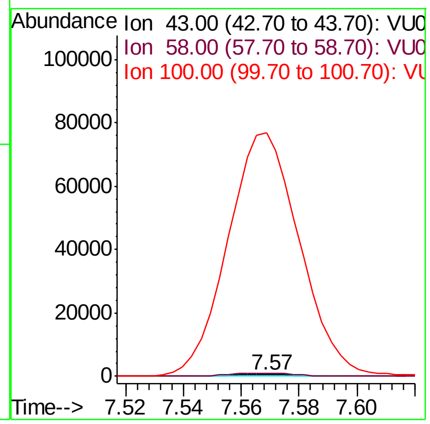


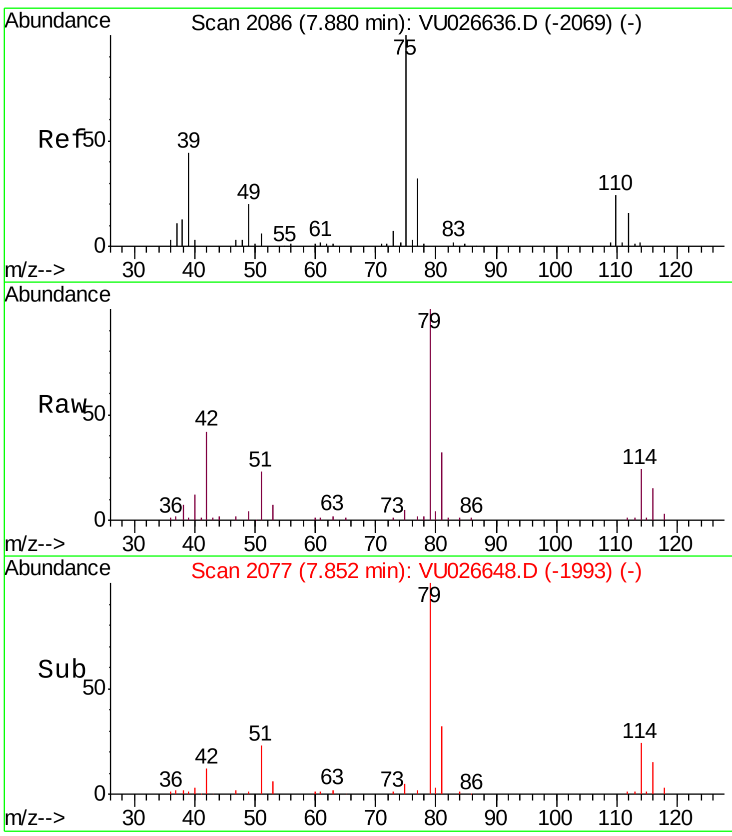
#40
4-Methyl-2-pentanone
Concen: 0.517 ug/L
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Instrument : MSVOA_U
ClientSampleId : C08S9

Tgt Ion: 43 Resp: 913

Ion	Ratio	Lower	Upper
43	100		
58	177.2	31.1	46.7#
100	14604.7	11.3	16.9#

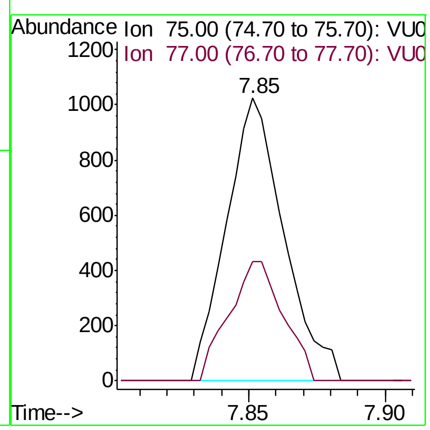


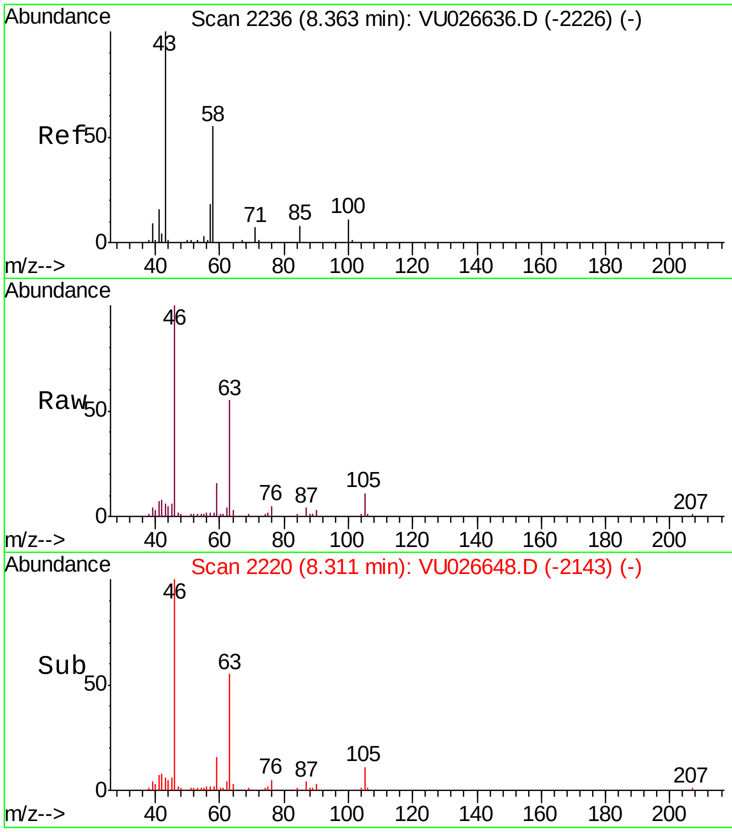


#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Tgt Ion: 75 Resp: 1502

Ion	Ratio	Lower	Upper
75	100		
77	42.4	22.4	41.6#



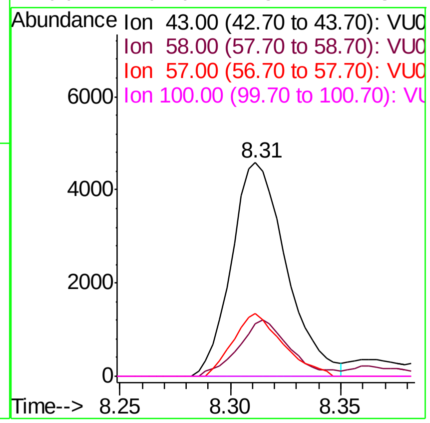


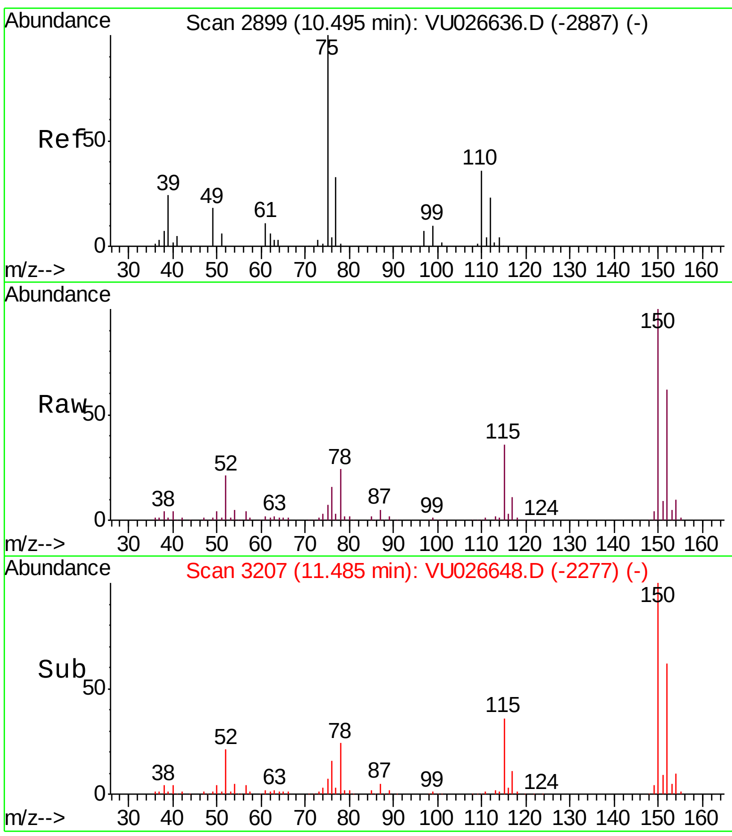
#48
2-Hexanone
Concen: 5.309 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Instrument :
MSVOA_U
ClientSampleId :
C08S9

Tgt Ion: 43 Resp: 7919

Ion	Ratio	Lower	Upper
43	100		
58	24.1	42.2	63.4#
57	26.7	14.4	21.6#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 5.329 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026648.D
Acq: 10 Sep 2018 14:14

Tgt Ion: 75 Resp: 8732

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.8	38.6