Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035096.D
Acq On : 11 Oct 2019 17:56
Operator : JC/SP
Sample : K5309-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191002-01

Quant Time: Oct 12 02:45:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161373	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168864	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66672	5.00 ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
4) Vinyl Chloride-d3	1.40	65	54208	5.68 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.60%		
7) Chloroethane-d5	1.68	69	52237	5.87 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.40%		
11) 1,1-Dichloroethene-d2	2.26	63	80310	3.99 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%		
20) 2-Butanone-d5	4.17	46	153623	54.69 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.38%		
24) Chloroform-d	4.62	84	99232	5.56 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.20%		
26) 1,2-Dichloroethane-d4	5.29	65	59010	5.52 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%		
32) Benzene-d6	5.32	84	197695	4.99 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%		
36) 1,2-Dichloropropane-d6	6.31	67	68801	5.20 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%		
41) Toluene-d8	7.55	98	169179	4.42 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%		
43) trans-1,3-Dichloropropene-	7.84	79	20212	4.24 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%		
46) 2-Hexanone-d5	8.30	63	109688	48.41 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.82%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57616	5.17 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%		
64) 1,2-Dichlorobenzene-d4	11.84	152	61435	5.46 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.20%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
13) Acetone	2.31	43	13164	5.722 ug/L	99
21) 2-Butanone	4.37	43	24451	7.463 ug/L #	49
25) Chloroform	4.65	83	7652	0.309 ug/L	93
35) Methylcyclohexane	6.31	83	14911	0.702 ug/L #	18
42) Toluene	7.62	91	27172	0.512 ug/L	99
48) 2-Hexanone	8.30	43	13164	2.223 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	8436	0.950 ug/L	95
61) Bromoform	9.94	173	1313	0.287 ug/L #	91

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

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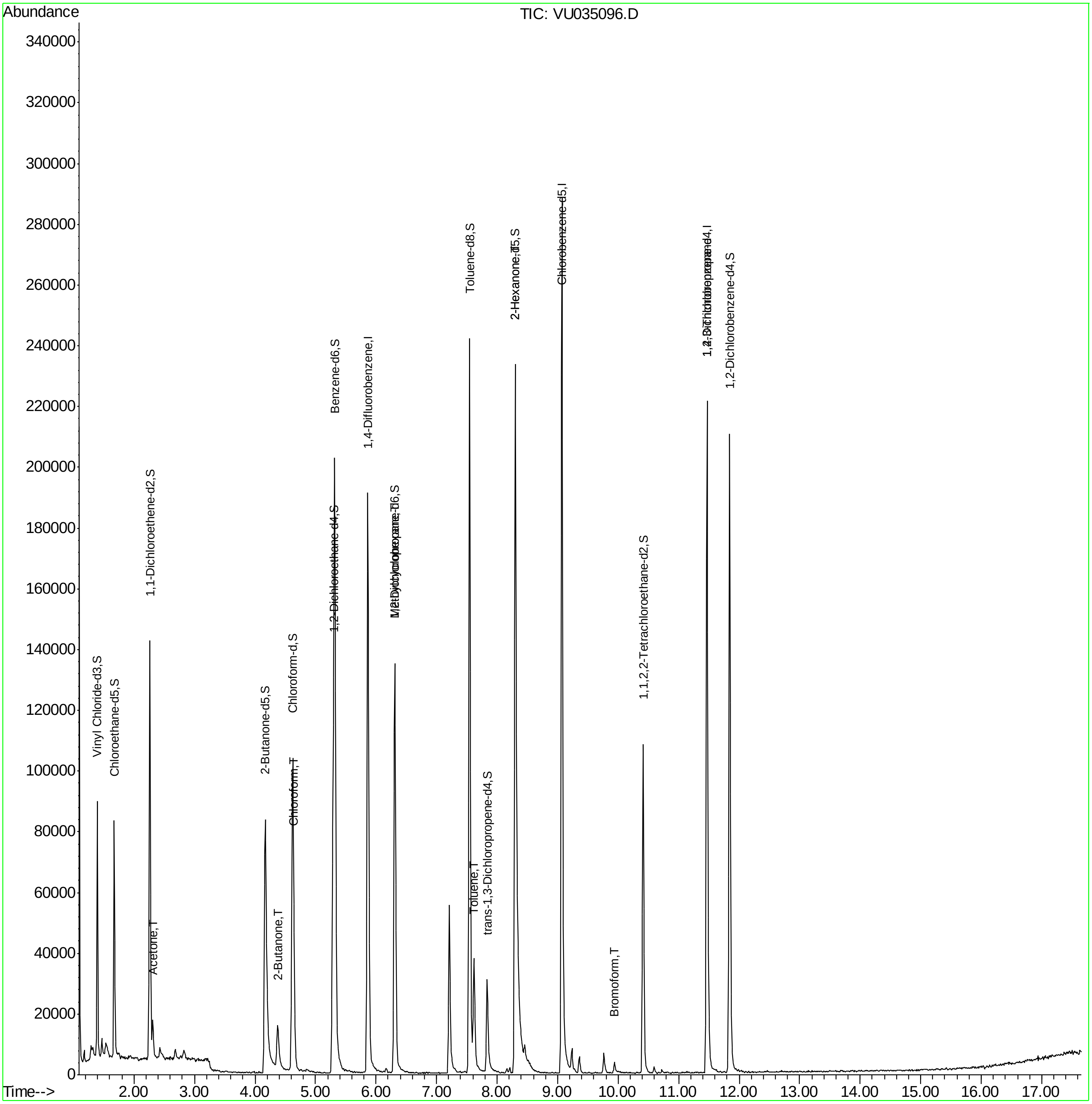
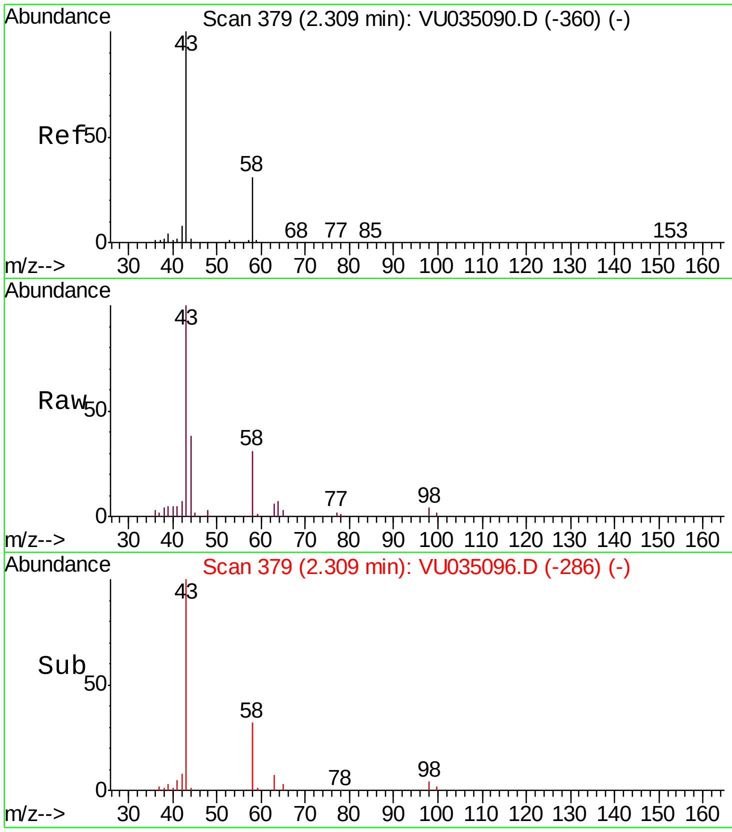
RB-2-191002-01

Quant Time: Oct 12 02:45:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

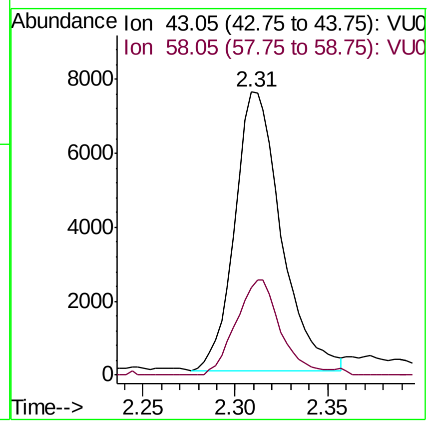


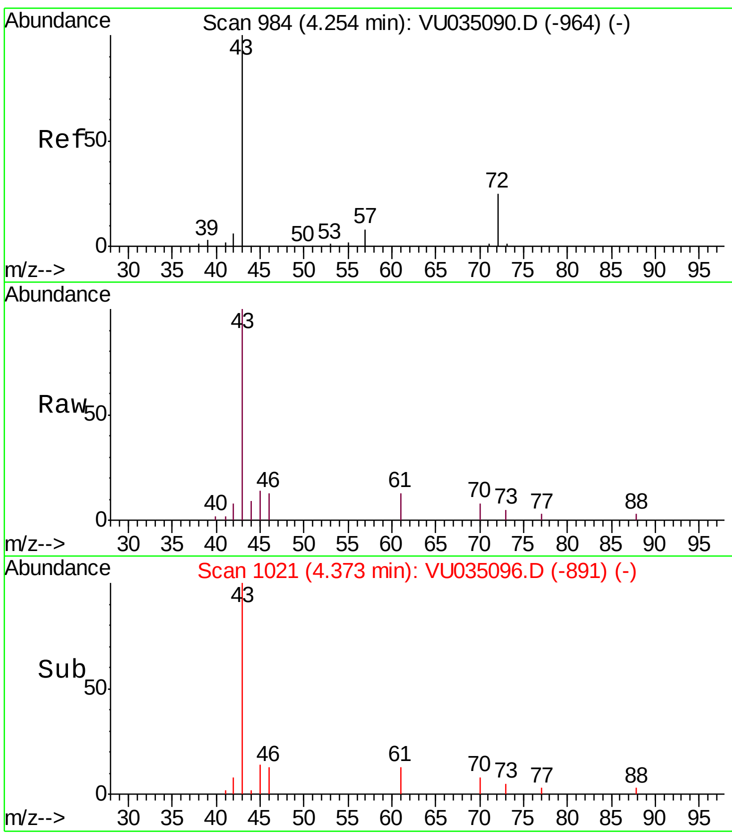



```
#13
Acetone
Concen:     5.722 ug/L
RT: 2.31 min  Scan# 379
Delta R.T.   -0.00 min
Lab File:   VU035096.D
Acq: 11 Oct 2019  17:56

Tgt Ion: 43 Resp:   13164
Ion  Ratio  Lower  Upper
 43  100
 58   32.6    0.0   66.6
```

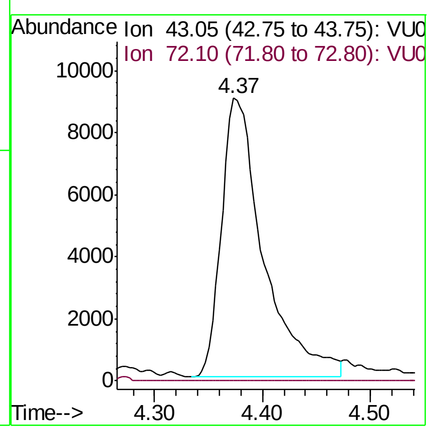
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191002-01

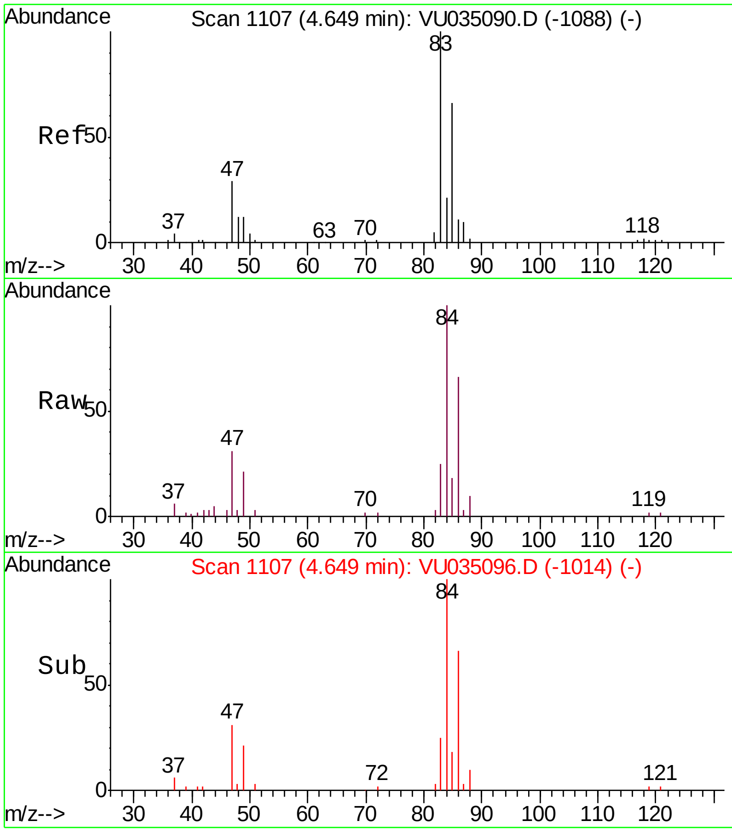





```
#21
2-Butanone
Concen:     7.463 ug/L
RT: 4.37 min  Scan# 1021
Delta R.T.    0.12 min
Lab File:   VU035096.D
Acq: 11 Oct 2019  17:56

Tgt Ion: 43 Resp:   24451
Ion  Ratio  Lower  Upper
 43  100
 72    0.4   13.5   40.4#
```



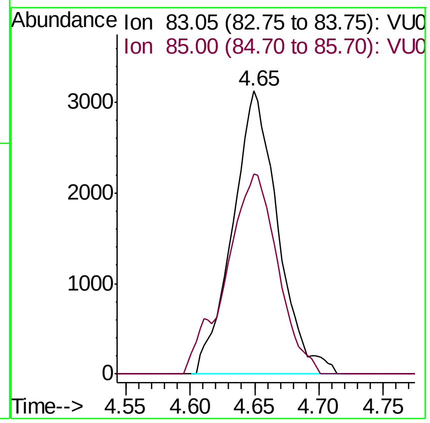


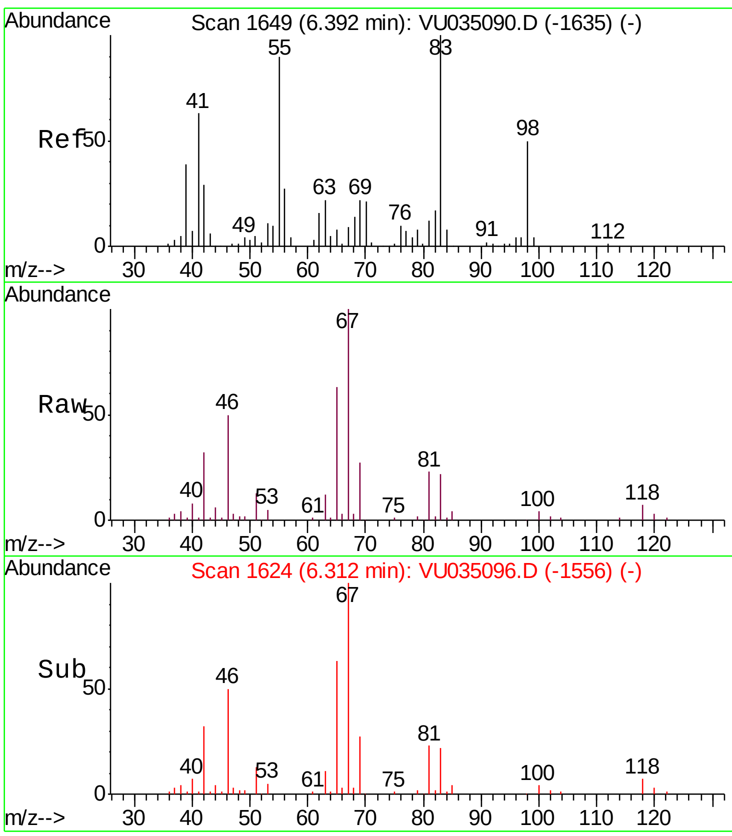
#25
Chloroform
Concen: 0.309 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035096.D
Acq: 11 Oct 2019 17:56

Instrument : MSVOA_U
ClientSampleId : RB-2-191002-01

Tgt Ion: 83 Resp: 7652

Ion	Ratio	Lower	Upper
83	100		
85	70.7	45.4	84.4

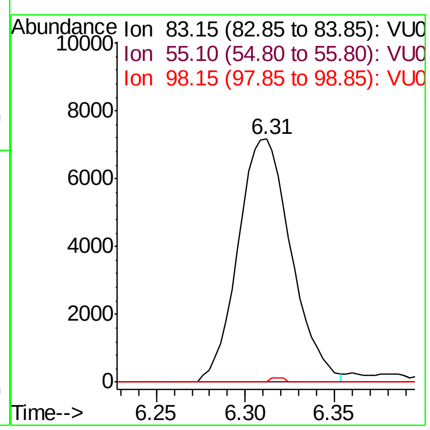


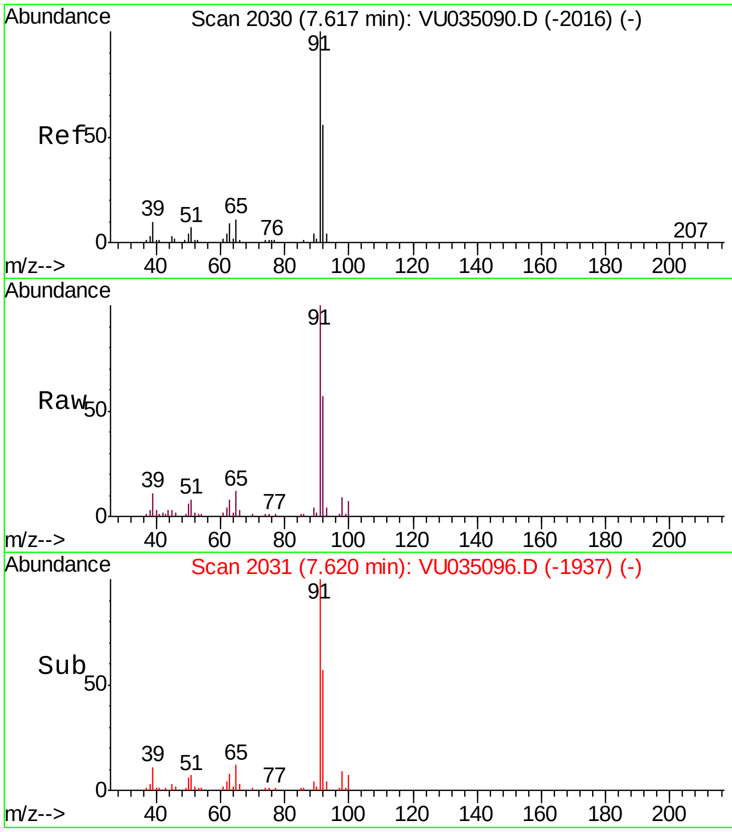


#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035096.D
Acq: 11 Oct 2019 17:56

Tgt Ion: 83 Resp: 14911

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.5	36.2	54.2#



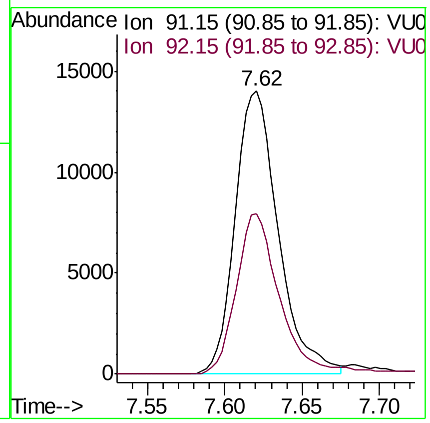


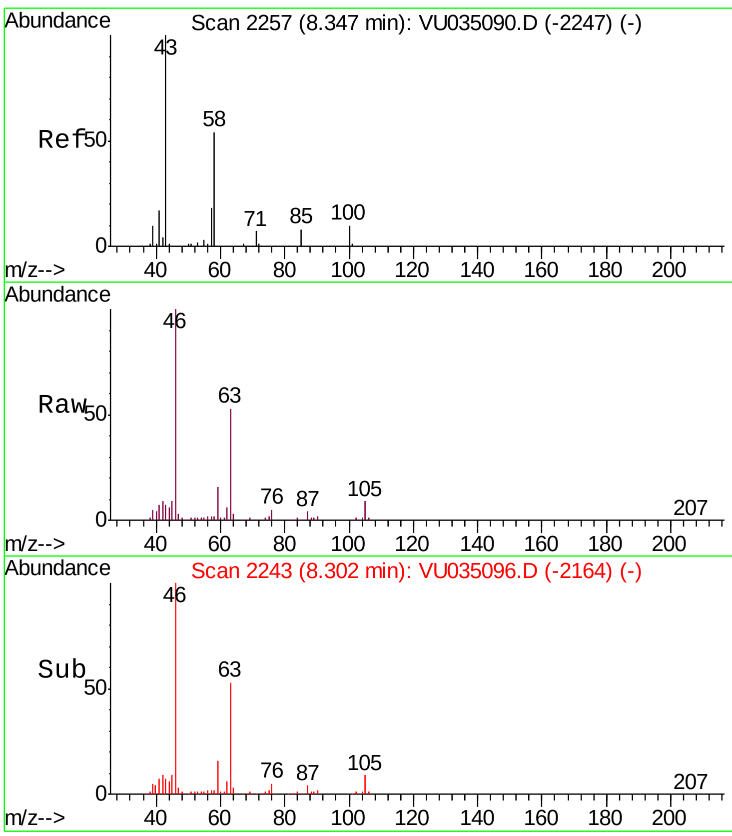
#42
Toluene
Concen: 0.512 ug/L
RT: 7.62 min   Scan# 2031
Delta R.T.   0.00 min
Lab File: VU035096.D
Acq: 11 Oct 2019   17:56

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191002-01

Tgt Ion: 91 Resp: 27172

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.0	74.2

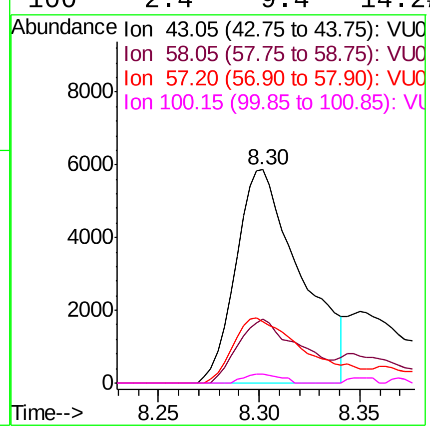


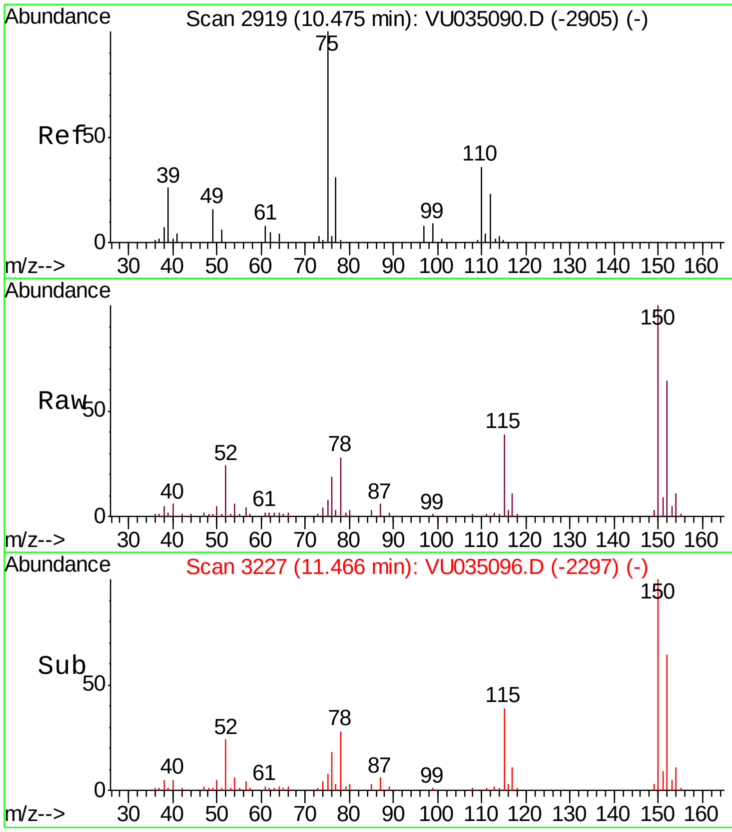


#48
2-Hexanone
Concen: 2.223 ug/L
RT: 8.30 min   Scan# 2243
Delta R.T.   -0.05 min
Lab File: VU035096.D
Acq: 11 Oct 2019   17:56

Tgt Ion: 43 Resp: 13164

Ion	Ratio	Lower	Upper
43	100		
58	28.3	44.1	66.1#
57	34.2	15.8	23.8#
100	2.4	9.4	14.2#



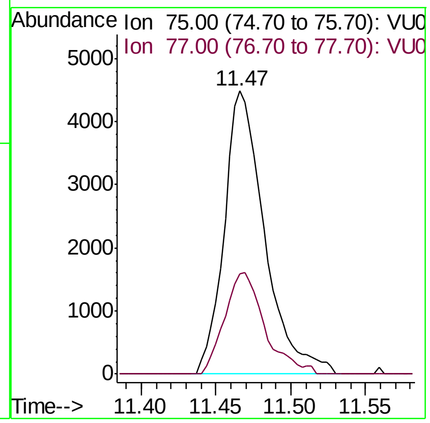


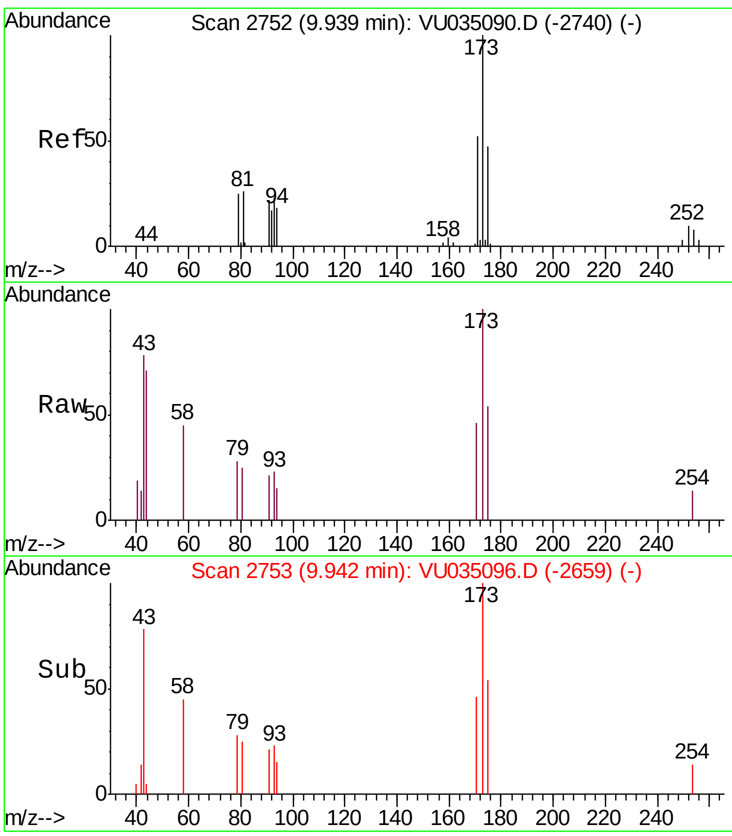
#59
1,2,3-Trichloropropane
Concen: 0.950 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035096.D
Acq: 11 Oct 2019 17:56

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191002-01

Tgt Ion: 75 Resp: 8436

Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.5	39.7





#61
Bromoform
Concen: 0.287 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU035096.D
Acq: 11 Oct 2019 17:56

Tgt Ion:173 Resp: 1313

Ion	Ratio	Lower	Upper
173	100		
175	40.4	37.2	55.8
254	5.3	6.6	9.8#