Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027697.D
Acq On : 18 Oct 2018 14:27
Operator : MD/SY
Sample : J5463-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC7

Quant Time: Oct 19 08:14:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	78913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	72164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	35766	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	26467	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.68	69	20831	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.28	63	35912	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	4.20	46	84119	47.18	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.36%			
24) Chloroform-d	4.65	84	45658	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.31	65	25473	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.34	84	96514	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.33	67	33738	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.57	98	88694	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.85	79	13425	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.31	63	73009	49.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24321	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	32616	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
8) Chloroethane	1.57	64	17065	3.844	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	306	0.057	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	364	0.068	ug/L #	1
13) Acetone	2.33	43	2413	2.116	ug/L	98
21) 2-Butanone	4.25	43	2861	1.444	ug/L #	61
25) Chloroform	4.67	83	538	0.049	ug/L #	74
27) 1,2-Dichloroethane	5.35	62	567	0.082	ug/L #	72
34) Trichloroethene	6.19	95	610	0.100	ug/L #	77
35) Methylcyclohexane	6.34	83	7221	0.685	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3189	0.470	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	784	0.079	ug/L #	43
42) Toluene	7.64	91	1215	0.048	ug/L	96
48) 2-Hexanone	8.37	43	1010	0.308	ug/L #	75
53) m,p-xylene	9.38	106	852	0.081	ug/L	81
59) 1,2,3-Trichloropropane	11.48	75	4417	1.133	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027697.D
Acq On : 18 Oct 2018 14:27
Operator : MD/SY
Sample : J5463-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Quant Time: Oct 19 08:14:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
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Acq On : 18 Oct 2018 14:27
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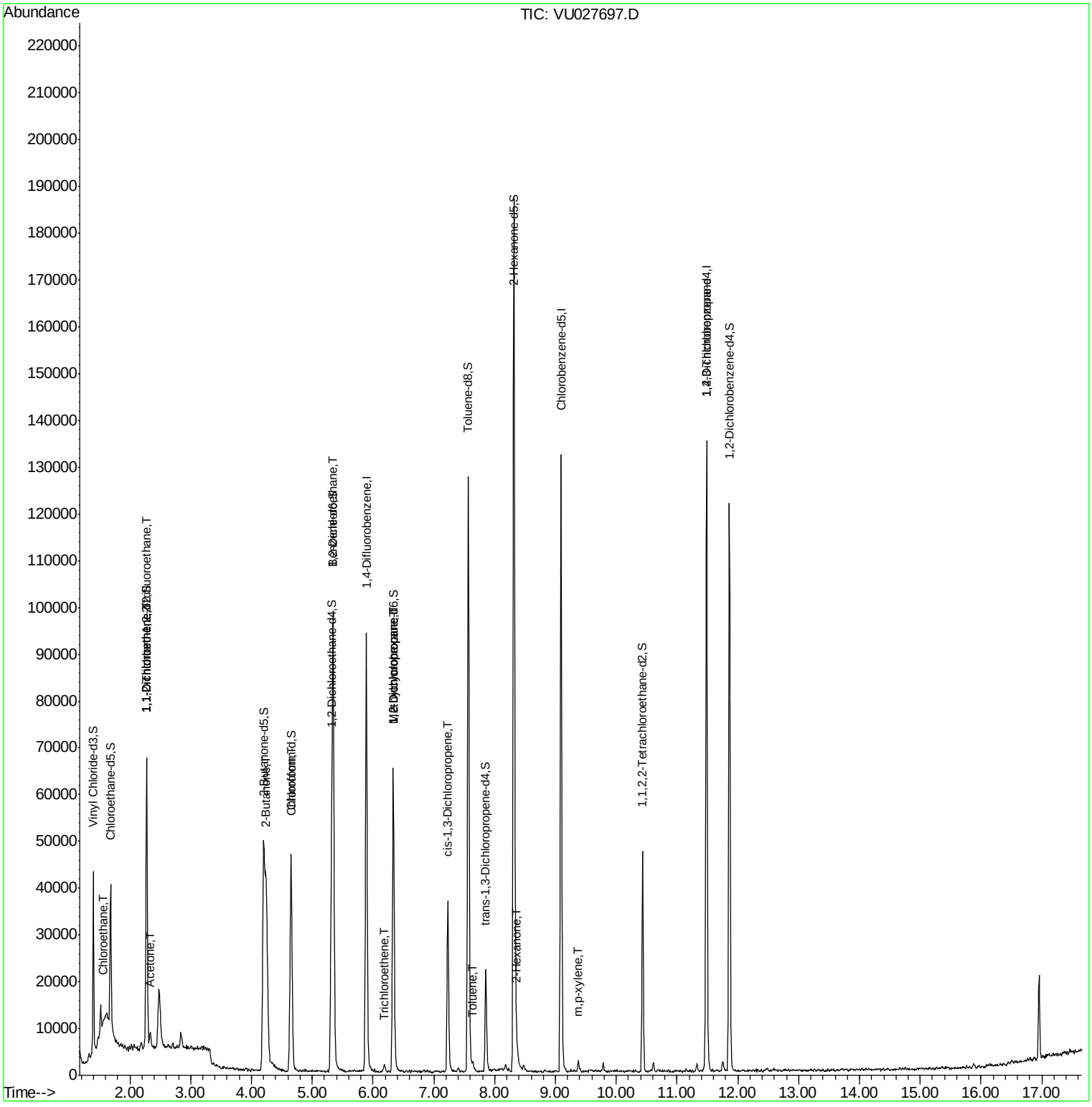
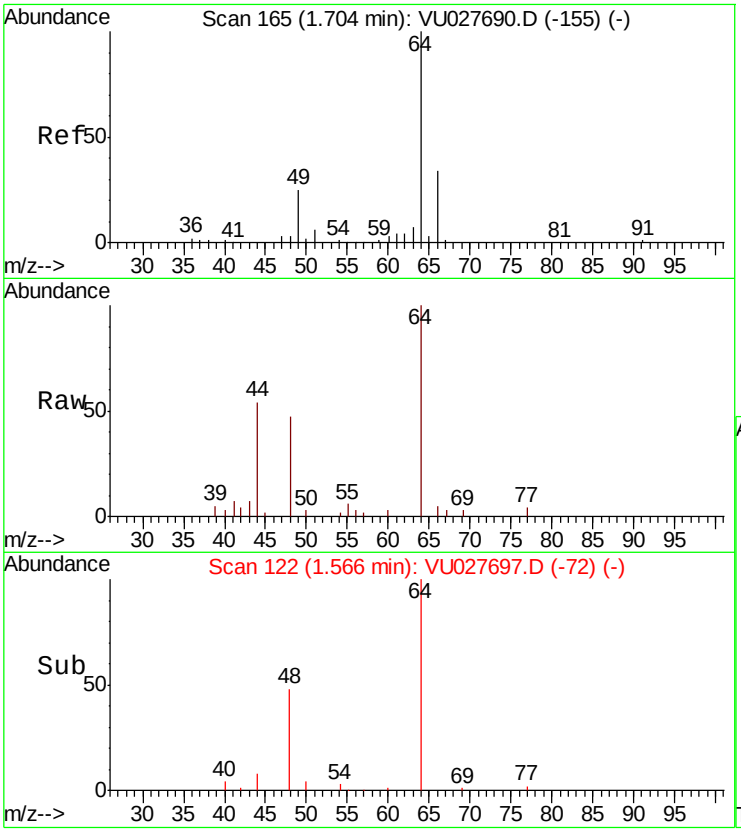
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration



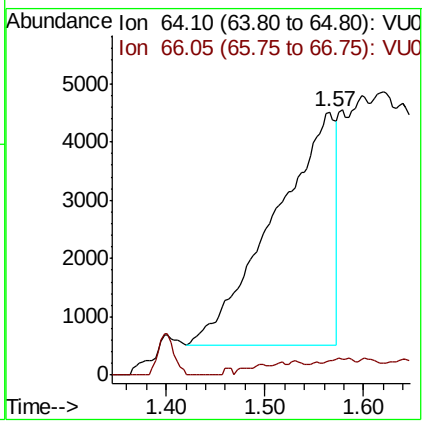


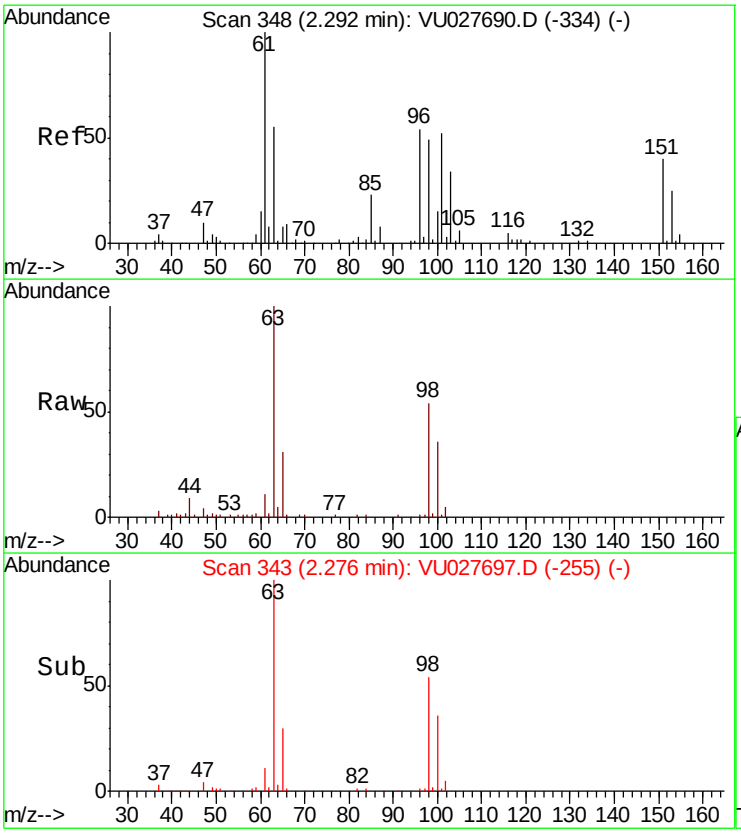
#8
Chloroethane
Concen: 3.844 ug/L
RT: 1.57 min Scan# 122
Delta R.T. -0.14 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 64 Resp: 17065

Ion	Ratio	Lower	Upper
64	100		
66	5.3	23.5	43.7#

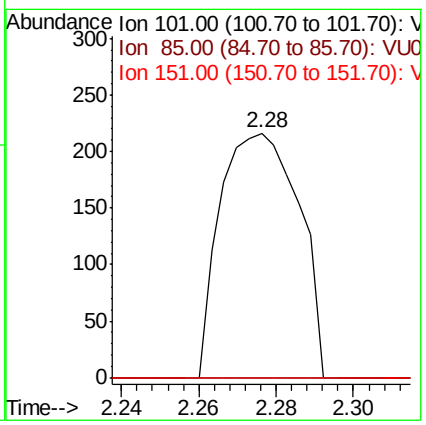


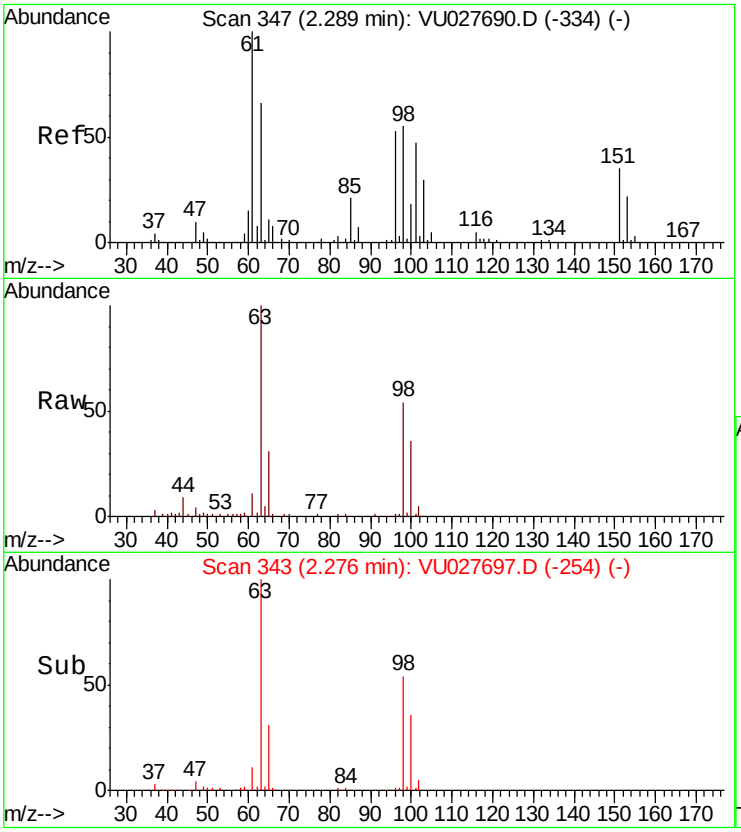


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion:101 Resp: 306

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	63.8	95.6#



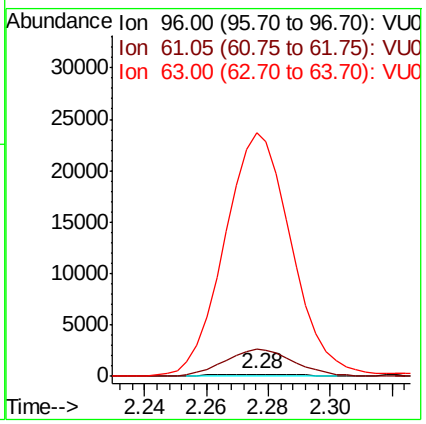


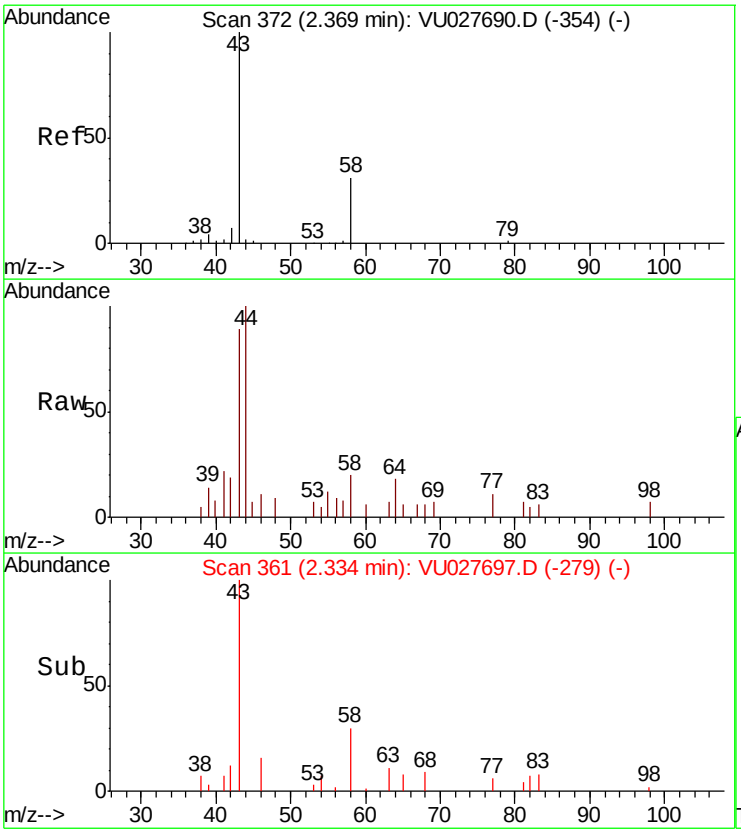
#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 96 Resp: 364

Ion	Ratio	Lower	Upper
96	100		
61	1165.3	125.6	233.2#
63	10524.4	97.6	181.2#

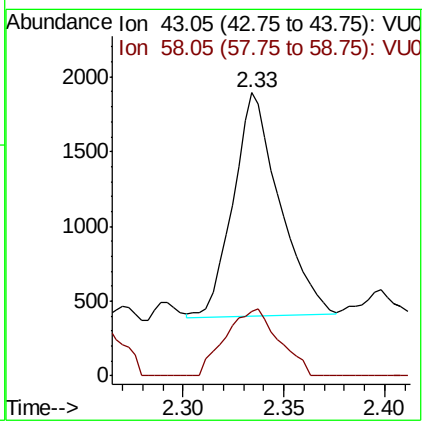


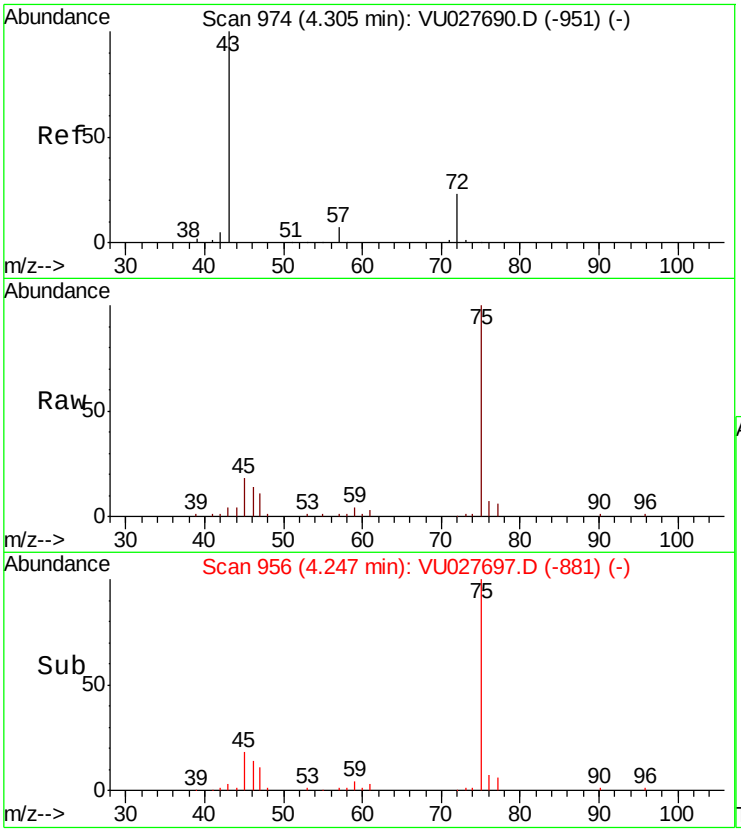


#13
Acetone
Concen: 2.116 ug/L
RT: 2.33 min Scan# 361
Delta R.T. -0.04 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion: 43 Resp: 2413

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	66.4



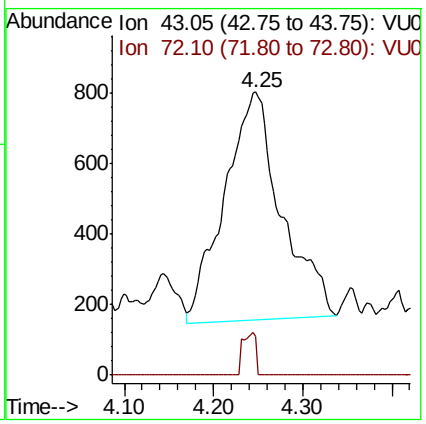


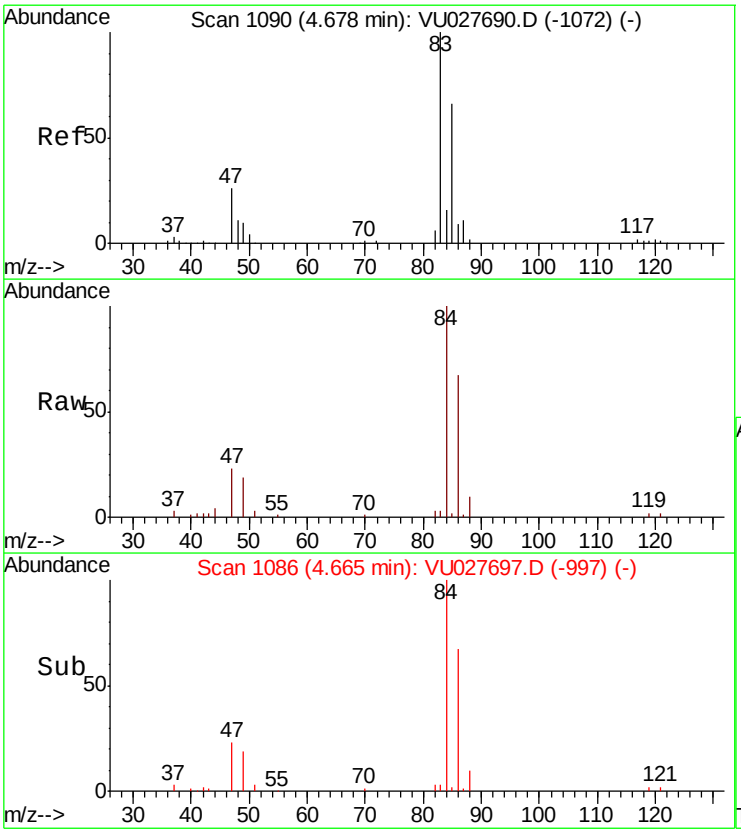
#21
2-Butanone
Concen: 1.444 ug/L
RT: 4.25 min Scan# 956
Delta R.T. -0.06 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 43 Resp: 2861

Ion	Ratio	Lower	Upper
43	100		
72	4.4	11.7	35.1#

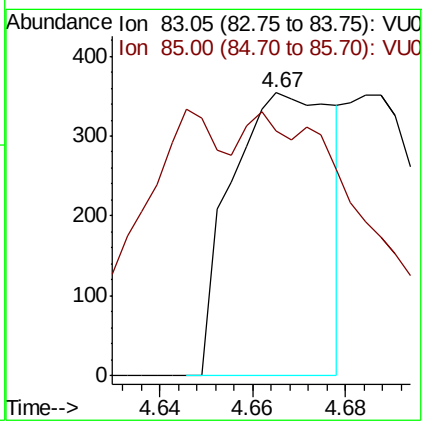


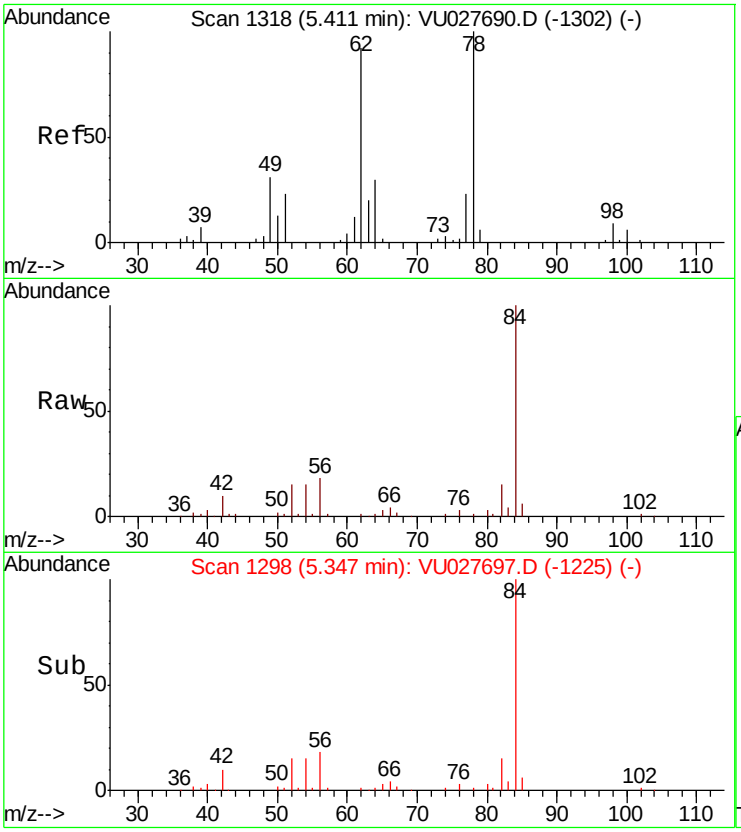


#25
Chloroform
Concen: 0.049 ug/L
RT: 4.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion: 83 Resp: 538

Ion	Ratio	Lower	Upper
83	100		
85	86.7	46.1	85.7#



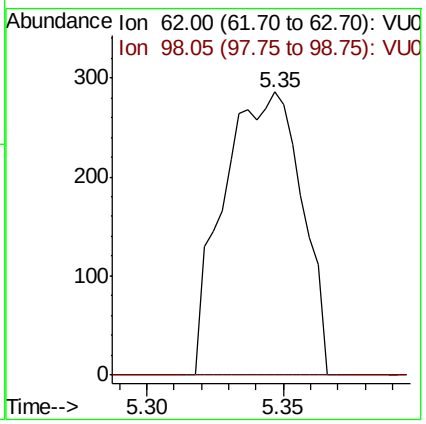


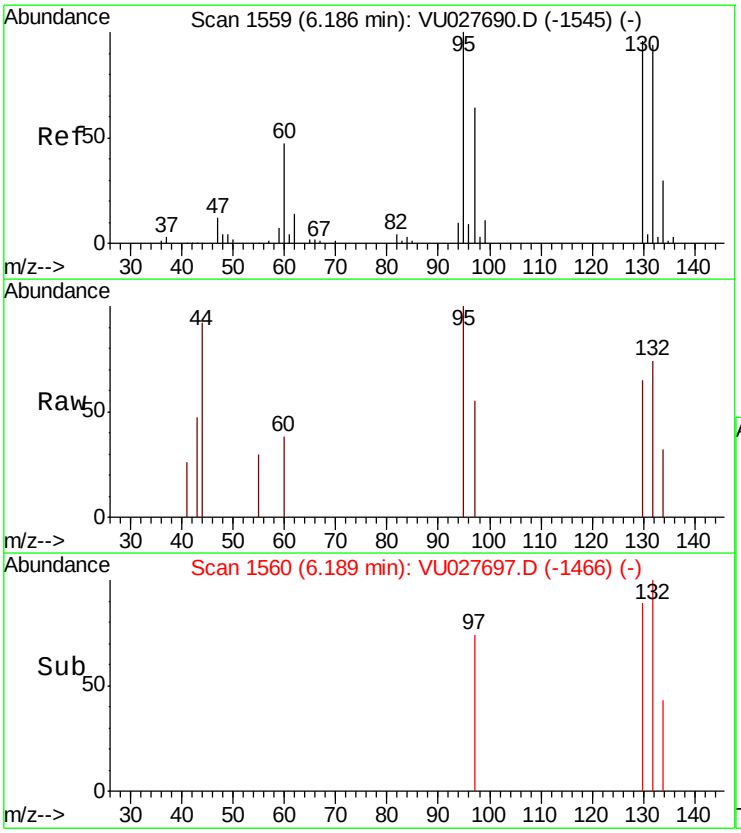
#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.35 min Scan# 1298
Delta R.T. -0.06 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 62 Resp: 567

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#

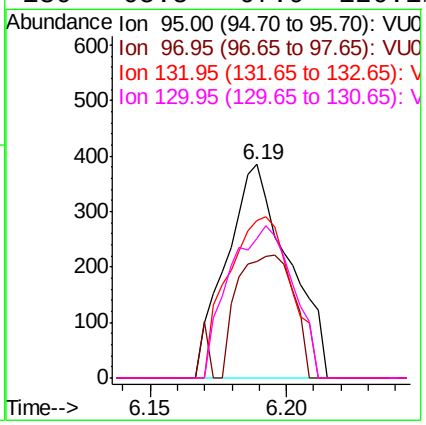


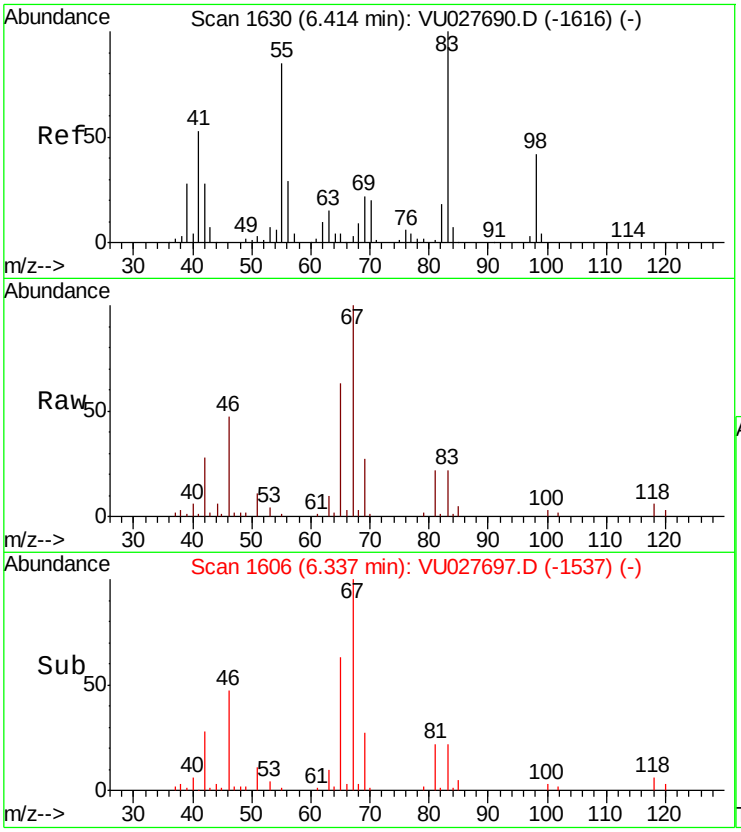


#34
Trichloroethene
Concen: 0.100 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion: 95 Resp: 610

Ion	Ratio	Lower	Upper
95	100		
97	54.5	44.7	83.1
132	73.8	65.9	122.5
130	65.5	67.9	126.1#



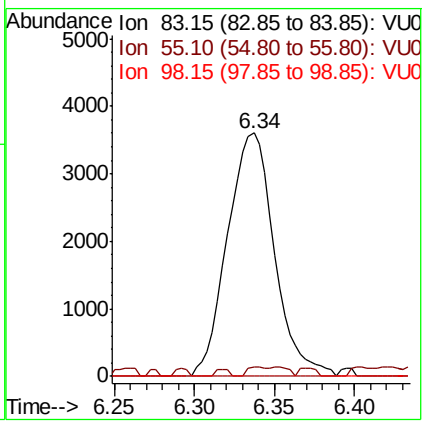


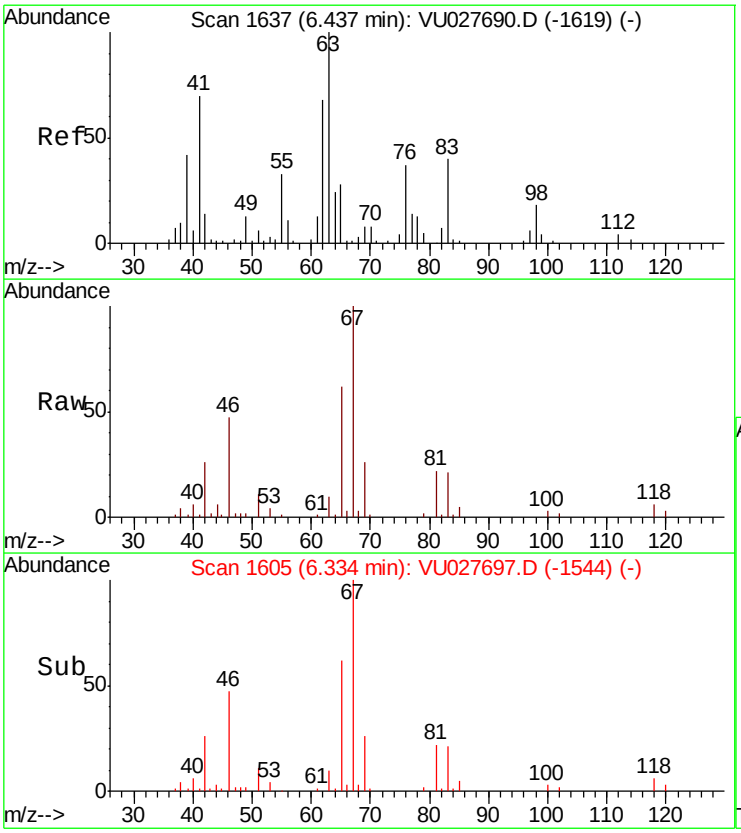
#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.08 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 83 Resp: 7221

Ion	Ratio	Lower	Upper
83	100		
55	1.7	69.0	103.4#
98	0.0	35.4	53.2#

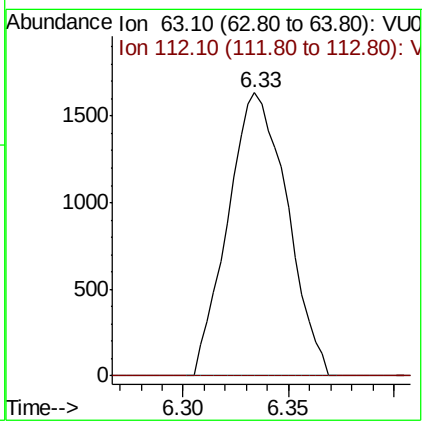


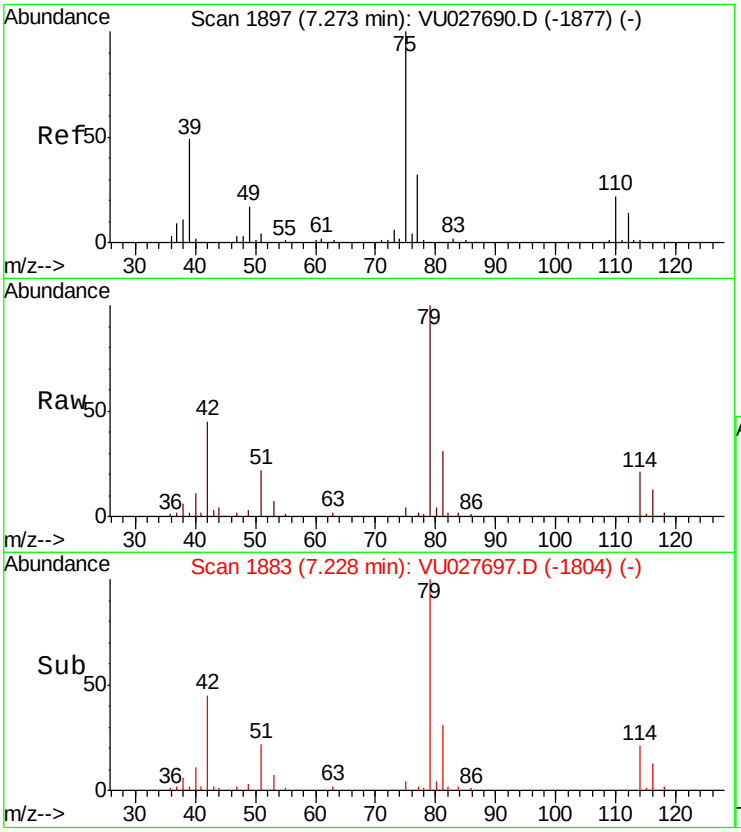


#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion: 63 Resp: 3189

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



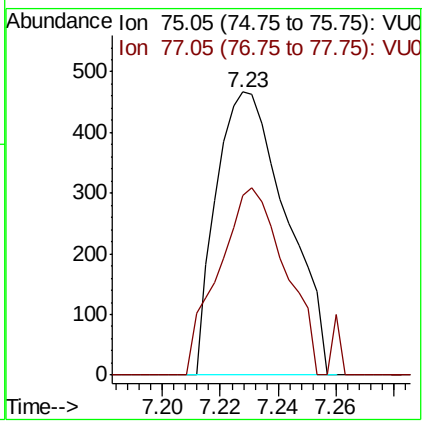


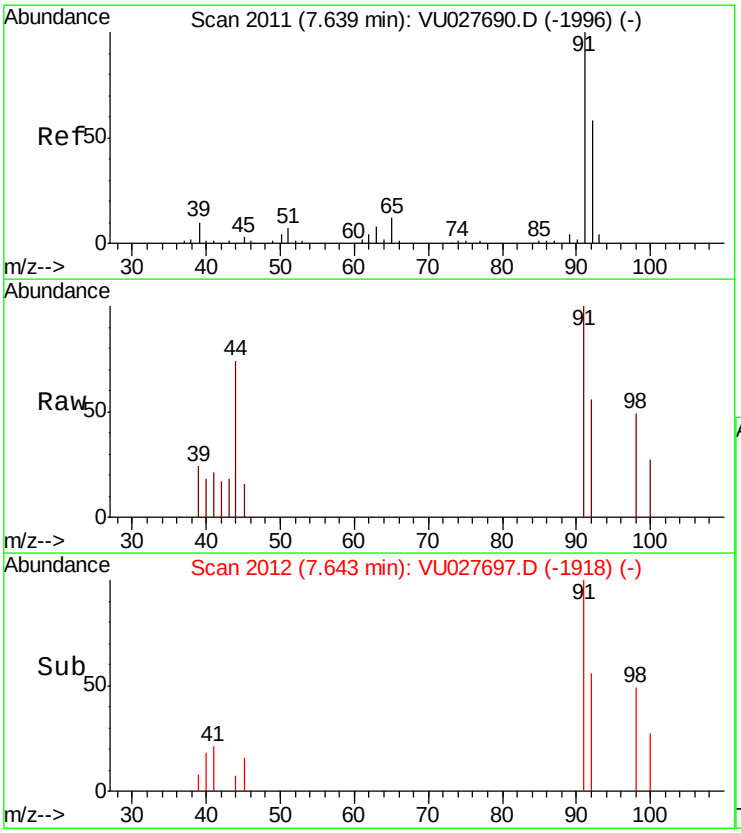
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.05 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument : MSVOA_U
ClientSampleId : C0JC7

Tgt Ion: 75 Resp: 784

Ion	Ratio	Lower	Upper
75	100		
77	63.6	22.2	41.2#

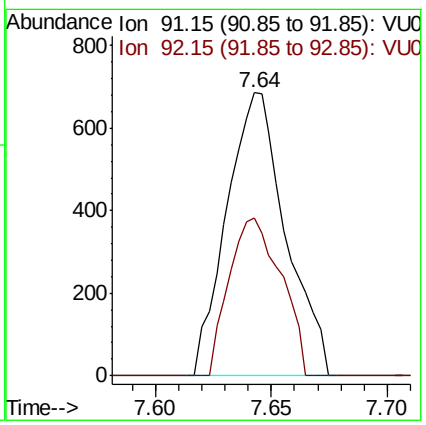


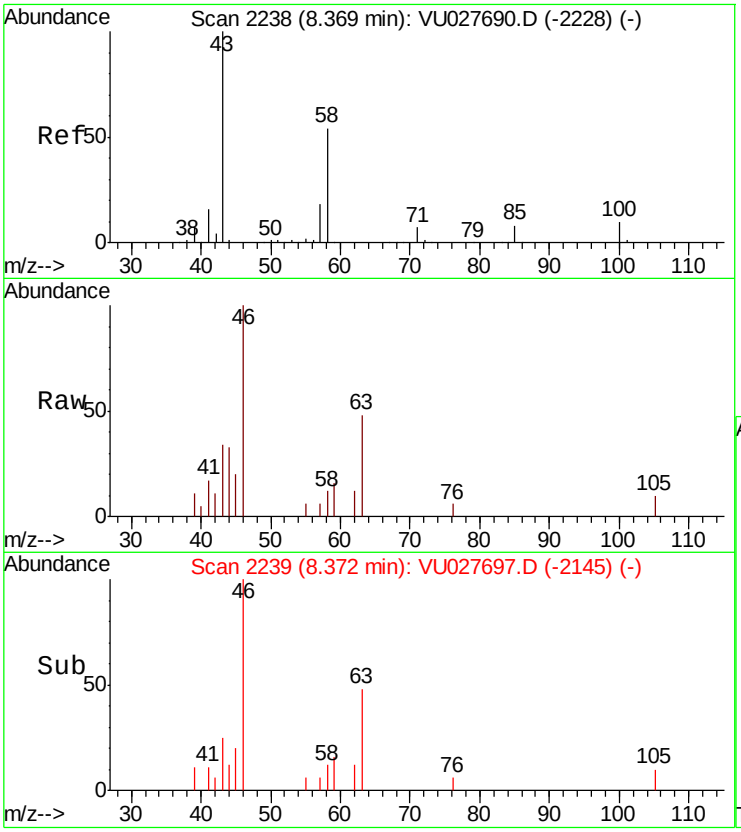


#42
Toluene
Concen: 0.048 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion: 91 Resp: 1215

Ion	Ratio	Lower	Upper
91	100		
92	55.5	41.1	76.3



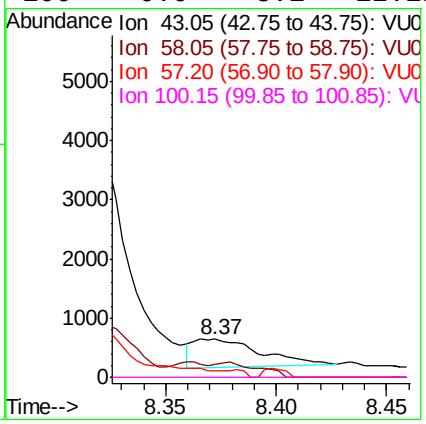


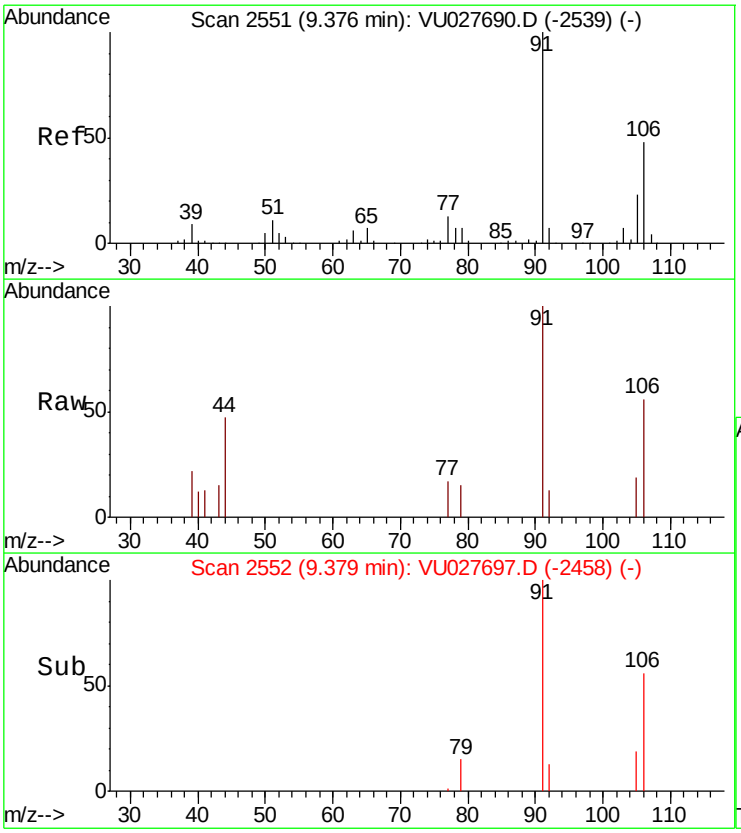
#48
2-Hexanone
Concen: 0.308 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument : MSVOA_U
ClientSampleId : C0JC7

Tgt Ion: 43 Resp: 1010

Ion	Ratio	Lower	Upper
43	100		
58	34.7	42.7	64.1#
57	9.6	14.5	21.7#
100	0.0	8.1	12.1#

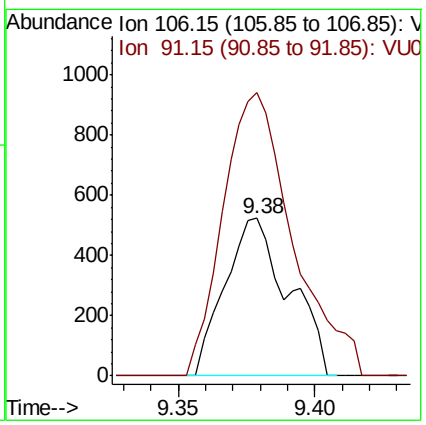


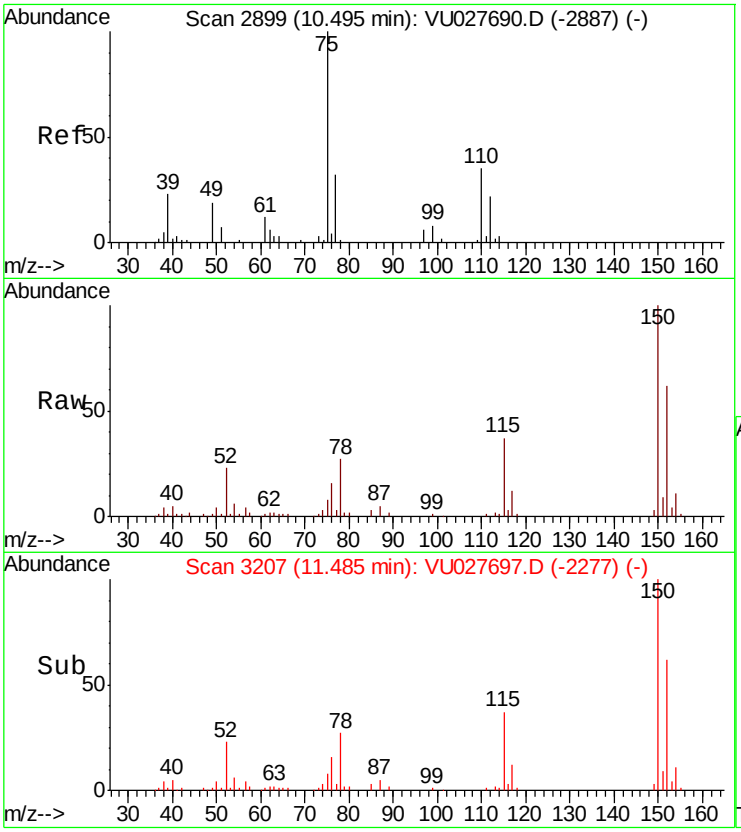


#53
m,p-xylene
Concen: 0.081 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Tgt Ion:106 Resp: 852

Ion	Ratio	Lower	Upper
106	100		
91	179.7	146.8	272.6





#59
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027697.D
Acq: 18 Oct 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
C0JC7

Tgt Ion: 75 Resp: 4417

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.9	40.3