Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
Data File : VU038254.D
Acq On : 20 May 2020 17:47
Operator : JC/MD
Sample : L2724-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T4

Quant Time: May 21 02:46:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	325462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159297	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	147473	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.93	69	126736	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.59	63	181570	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	4.68	46	467921	63.71	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.42%			
24) Chloroform-d	5.10	84	236496	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.74	65	141762	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.76	84	498428	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.72	67	166151	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.92	98	444680	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
43) trans-1,3-Dichloropropene-	8.20	79	60019	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.66	63	362997	62.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.94%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	137604	5.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	168353	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
13) Acetone	2.69	43	13258	2.877	ug/L	64
30) Cyclohexane	5.42	56	3180	0.075	ug/L	96
33) Benzene	5.81	78	31830	0.315	ug/L	100
42) Toluene	7.99	91	9364	0.088	ug/L	90
51) Chlorobenzene	9.47	112	634600	9.600	ug/L	98
52) Ethylbenzene	9.59	91	10125	0.088	ug/L	93
53) m,p-Xylene	9.71	106	9447	0.214	ug/L	90
54) o-Xylene	10.11	106	3008	0.070	ug/L	94
62) 1,3-Dichlorobenzene	11.75	146	3615	0.070	ug/L #	72
63) 1,4-Dichlorobenzene	11.85	146	111308	2.119	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	12146	0.244	ug/L	99

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

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ClientSampleId :
BE4T4

Quant Time: May 21 02:46:52 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
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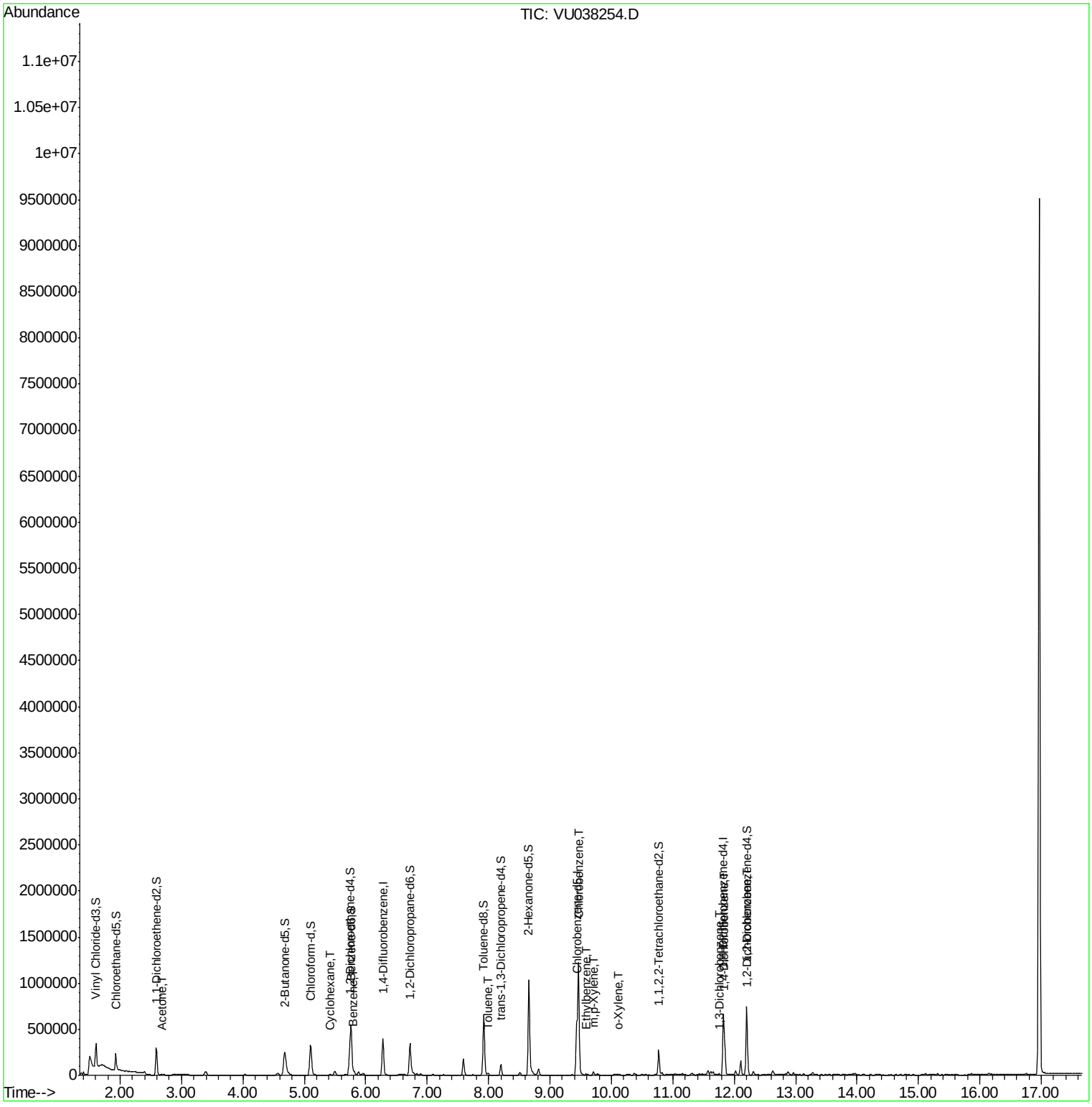
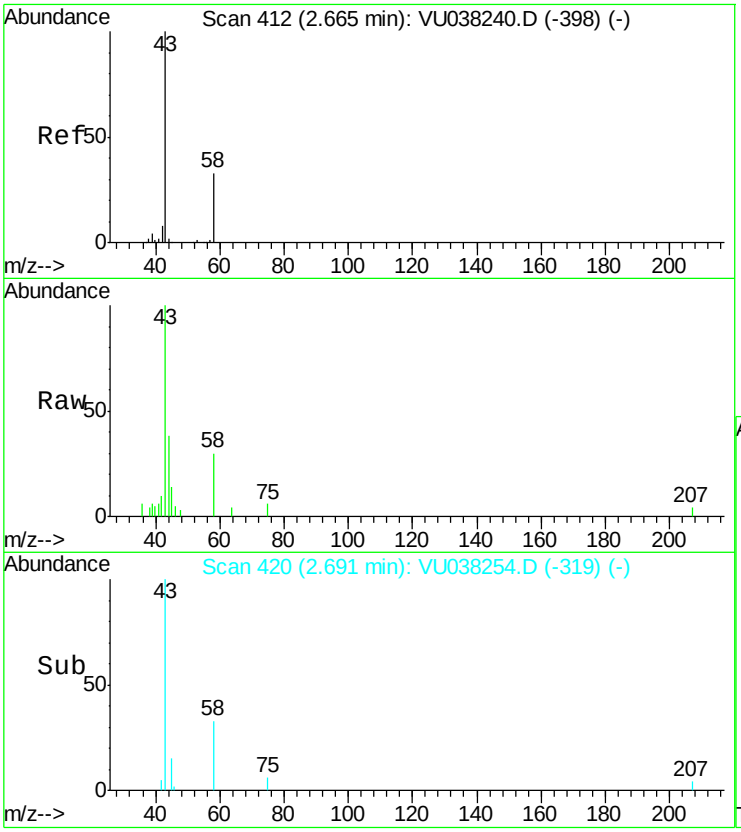


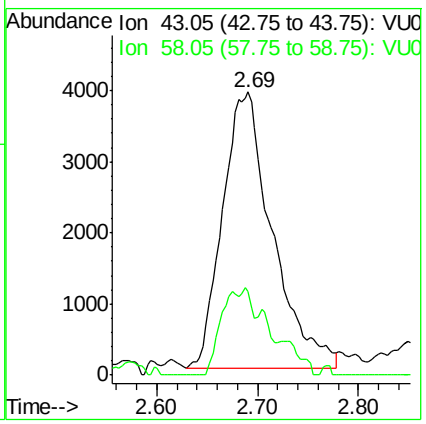


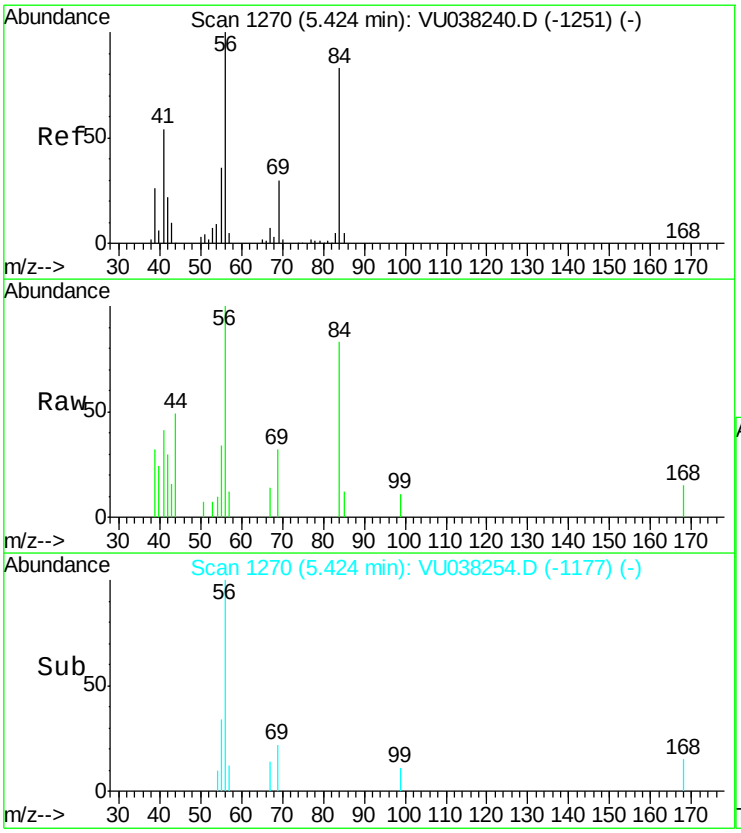
#13
Acetone
Concen: 2.877 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.03 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :
BE4T4

Tgt Ion: 43 Resp: 13258

Ion	Ratio	Lower	Upper
43	100		
58	11.9	0.0	63.6

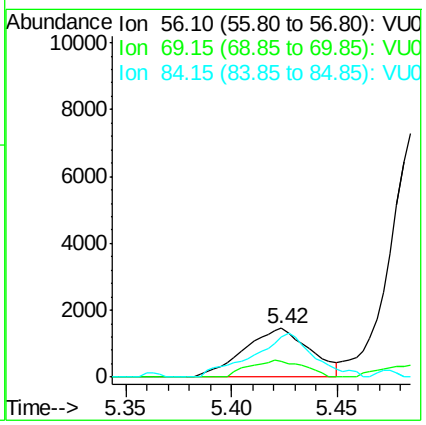


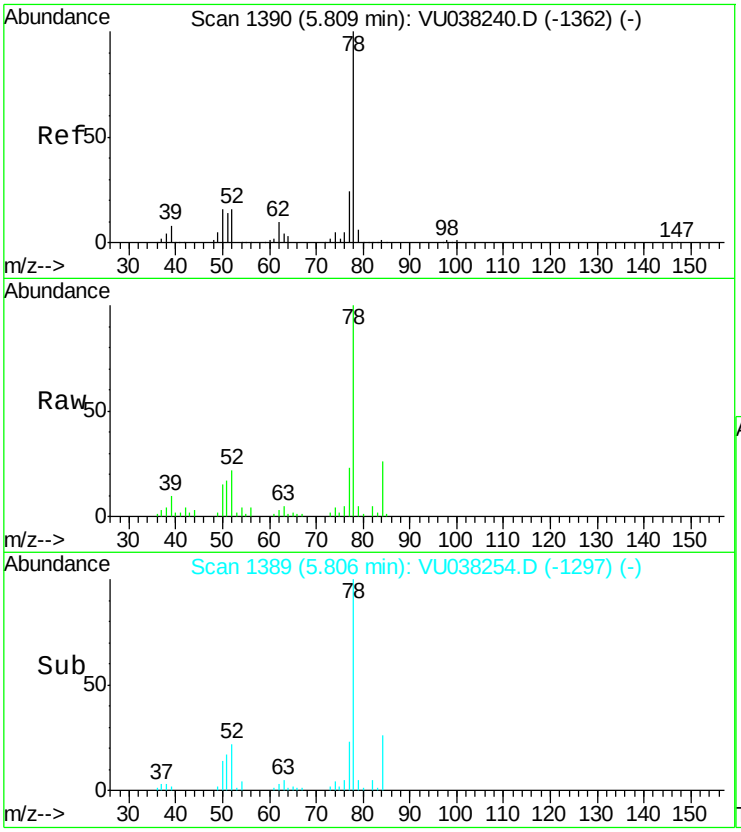


#30
Cyclohexane
Concen: 0.075 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion: 56 Resp: 3180

Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.2	36.4
84	82.3	68.5	102.7

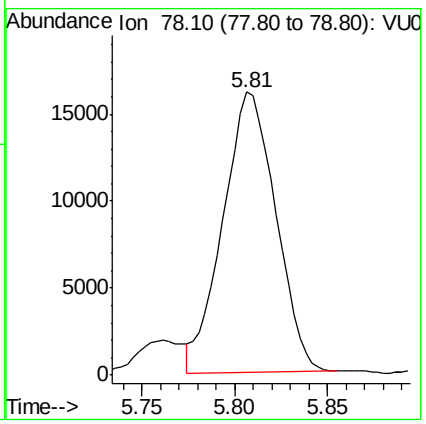


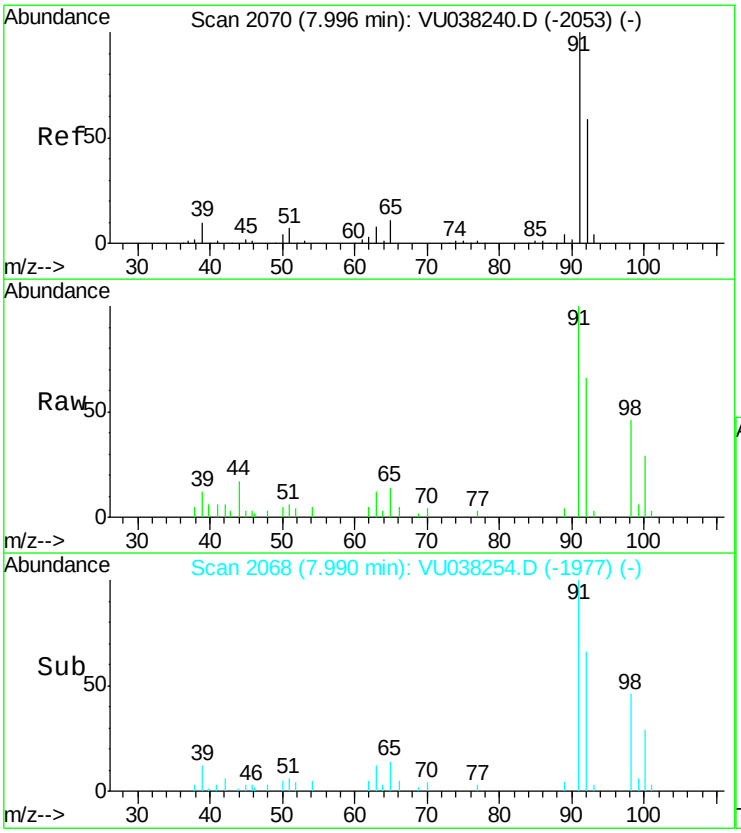


#33
Benzene
Concen: 0.315 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :
BE4T4

Tgt Ion: 78 Resp: 31830

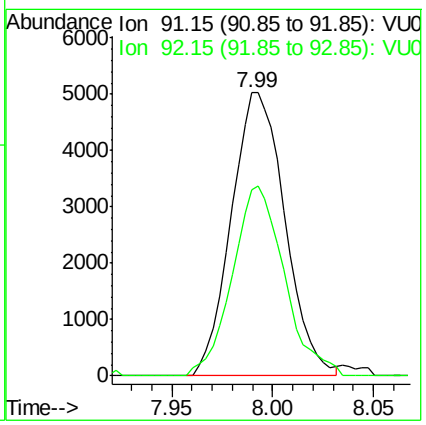


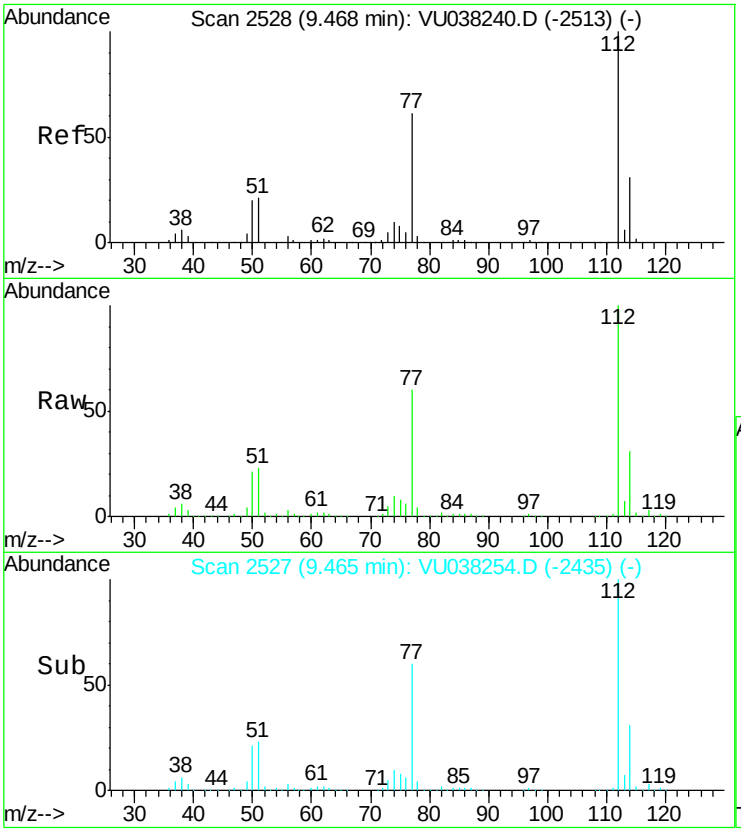


#42
Toluene
Concen: 0.088 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion: 91 Resp: 9364

Ion	Ratio	Lower	Upper
91	100		
92	65.6	40.9	75.9



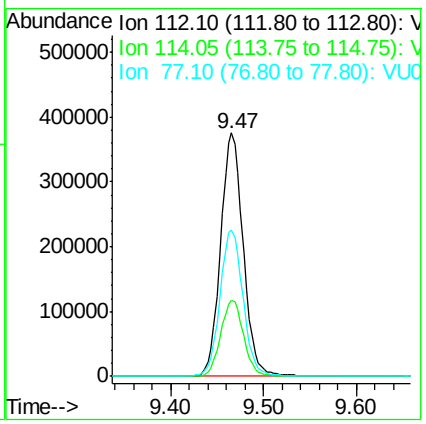


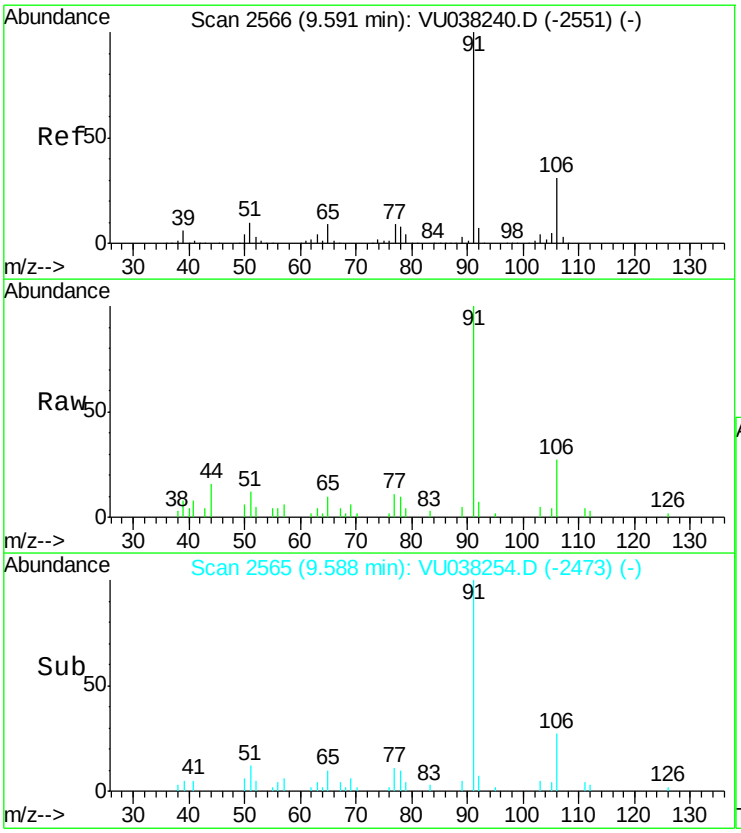
#51
Chlorobenzene
Concen: 9.600 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :
BE4T4

Tgt Ion:112 Resp: 634600

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	60.0	49.9	74.9

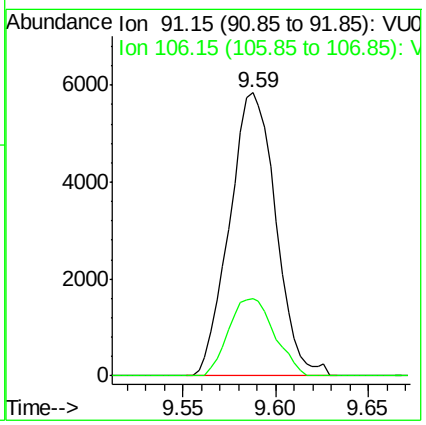


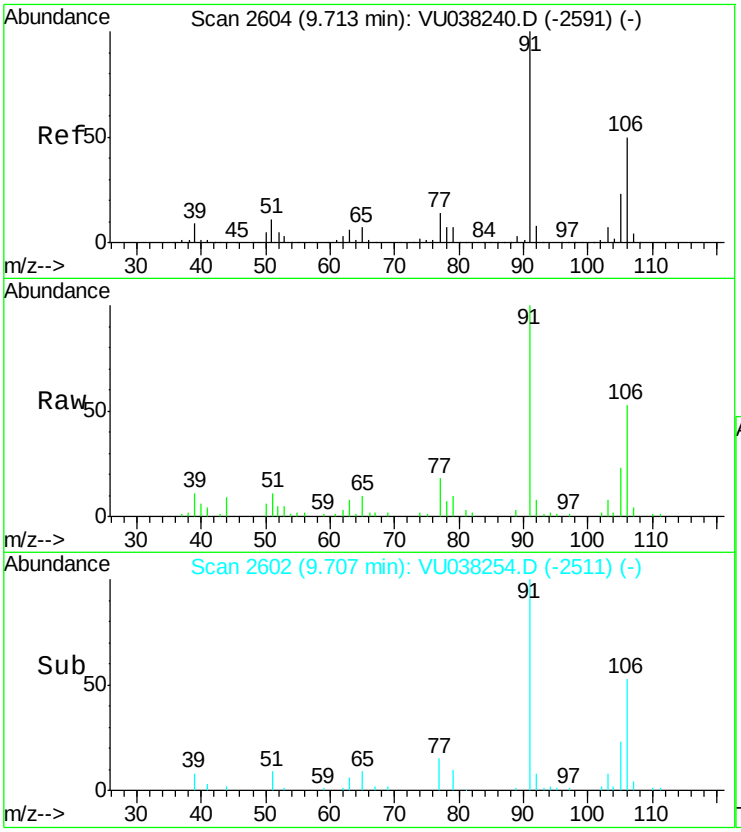


#52
Ethylbenzene
Concen: 0.088 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion: 91 Resp: 10125

Ion	Ratio	Lower	Upper
91	100		
106	27.1	21.8	40.4



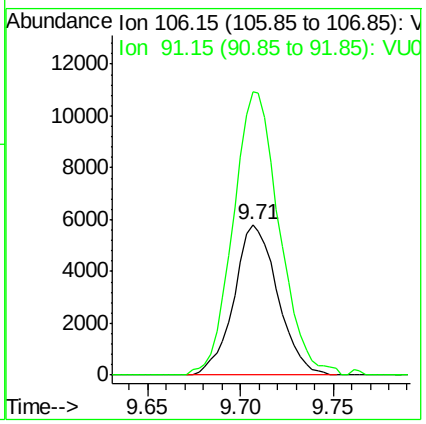


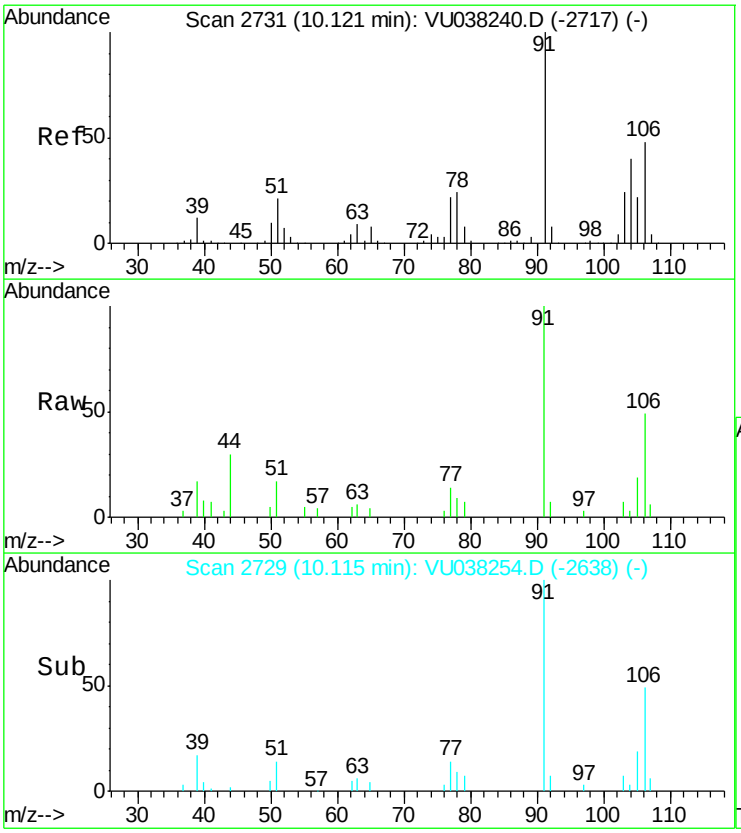
#53
m,p-Xylene
Concen: 0.214 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.01 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :
BE4T4

Tgt Ion:106 Resp: 9447

Ion	Ratio	Lower	Upper
106	100		
91	188.4	142.1	263.9

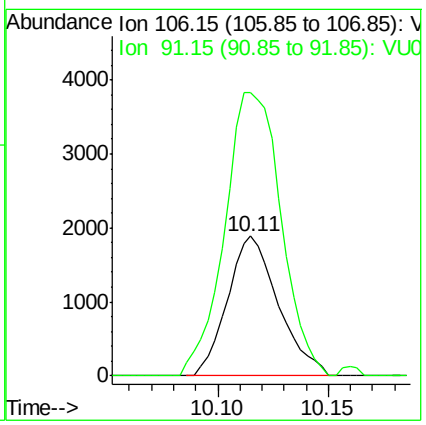


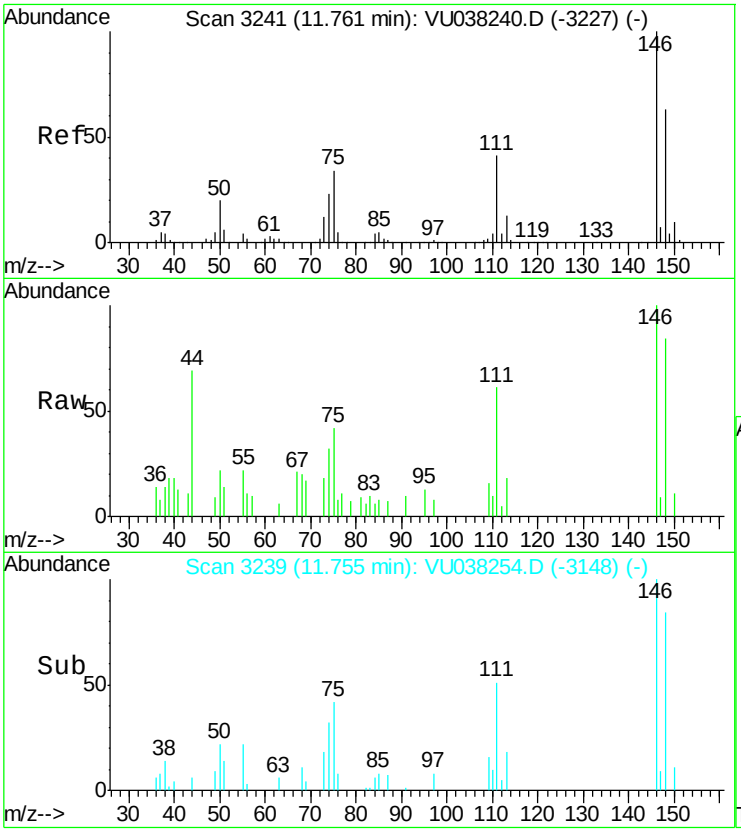


#54
o-Xylene
Concen: 0.070 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion:106 Resp: 3008

Ion	Ratio	Lower	Upper
106	100		
91	202.4	148.5	275.9



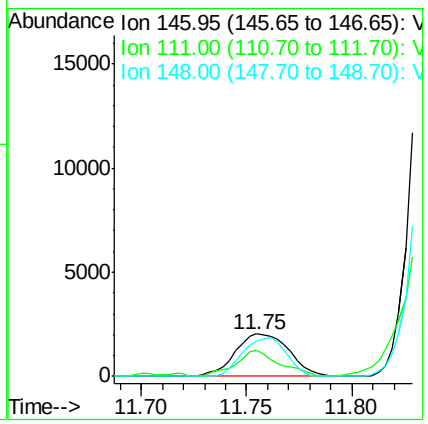


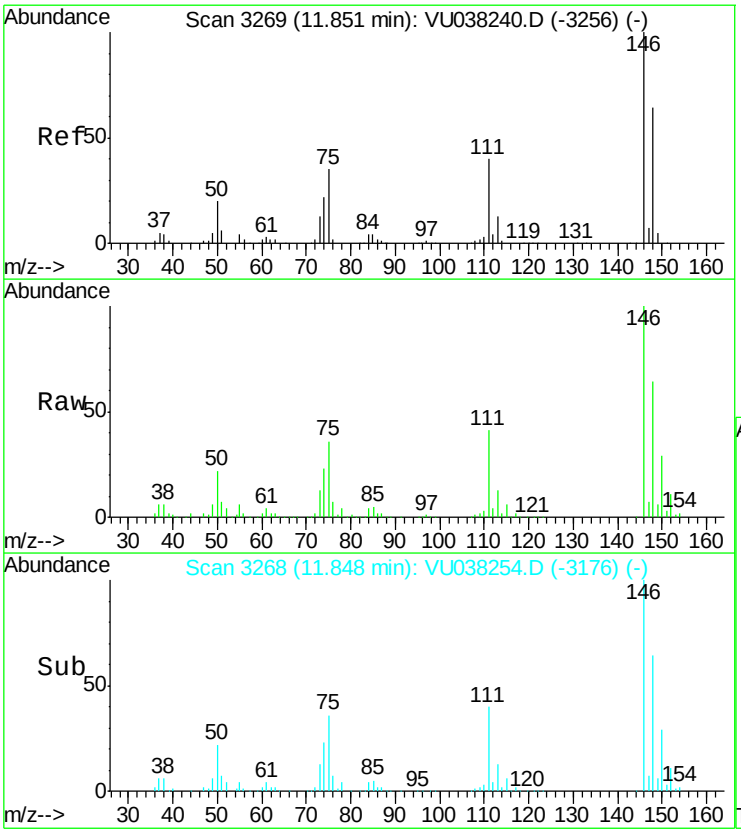
#62
1,3-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.75 min Scan# 3239
Delta R.T. -0.01 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument : MSVOA_U
ClientSampleId : BE4T4

Tgt Ion:146 Resp: 3615

Ion	Ratio	Lower	Upper
146	100		
111	61.4	28.6	53.2#
148	83.7	45.2	84.0

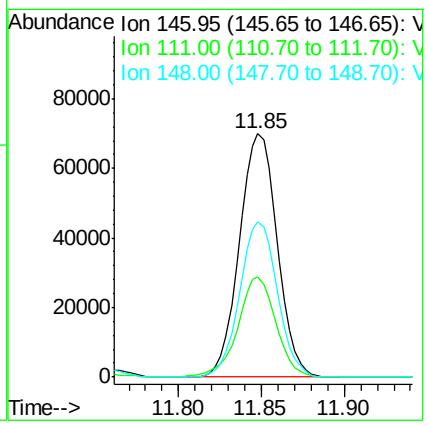


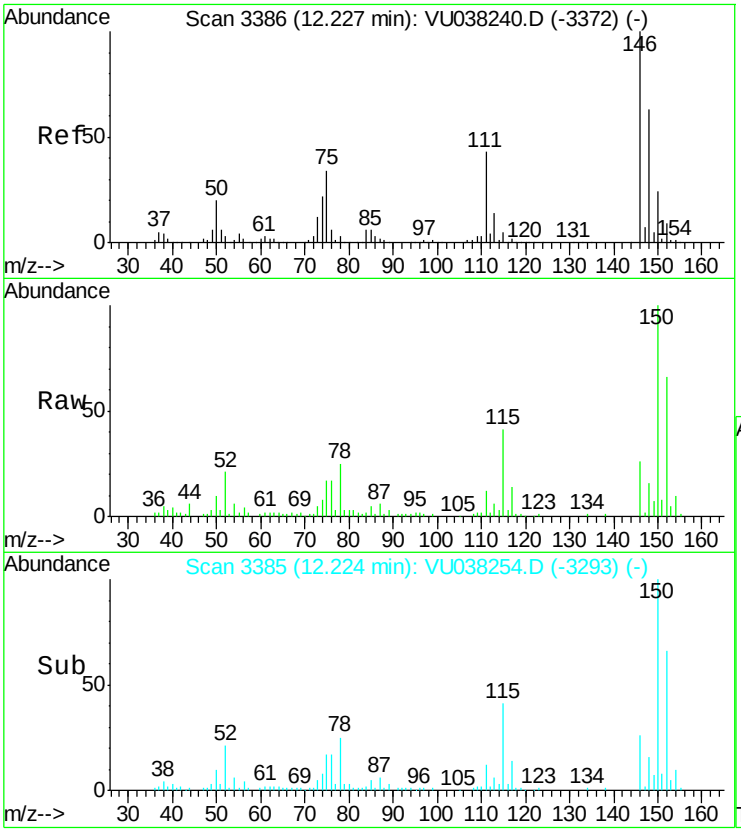


#63
1,4-Dichlorobenzene
Concen: 2.119 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion:146 Resp: 111308

Ion	Ratio	Lower	Upper
146	100		
111	41.1	27.2	50.6
148	63.6	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.244 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :
BE4T4

Tgt Ion:146 Resp: 12146

Ion	Ratio	Lower	Upper
146	100		
111	44.2	35.3	52.9
148	62.3	51.0	76.4