Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040165.D
Acq On : 16 Sep 2020 22:41
Operator : SY/MD
Sample : L4046-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P1

Quant Time: Sep 17 03:11:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117008	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29751	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.92	69	27390	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.58	63	50247	3.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%			
20) 2-Butanone-d5	4.67	46	124946	48.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.80%			
24) Chloroform-d	5.08	84	64950	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.72	65	40195	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
32) Benzene-d6	5.75	84	122419	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	40323	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.91	98	100199	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	8.19	79	15501	3.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.00%			
46) 2-Hexanone-d5	8.64	63	86269	45.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34614	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41890	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	2.68	43	1716	0.725	ug/L	73
17) Methyl tert-butyl Ether	3.39	73	16113	0.590	ug/L #	87
33) Benzene	5.79	78	36526	0.908	ug/L	100
42) Toluene	7.98	91	1693	0.041	ug/L	97
51) Chlorobenzene	9.45	112	147203	5.726	ug/L	95
56) Isopropylbenzene	10.48	105	10232	0.235	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	22092	1.117	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	7243	0.383	ug/L	96

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

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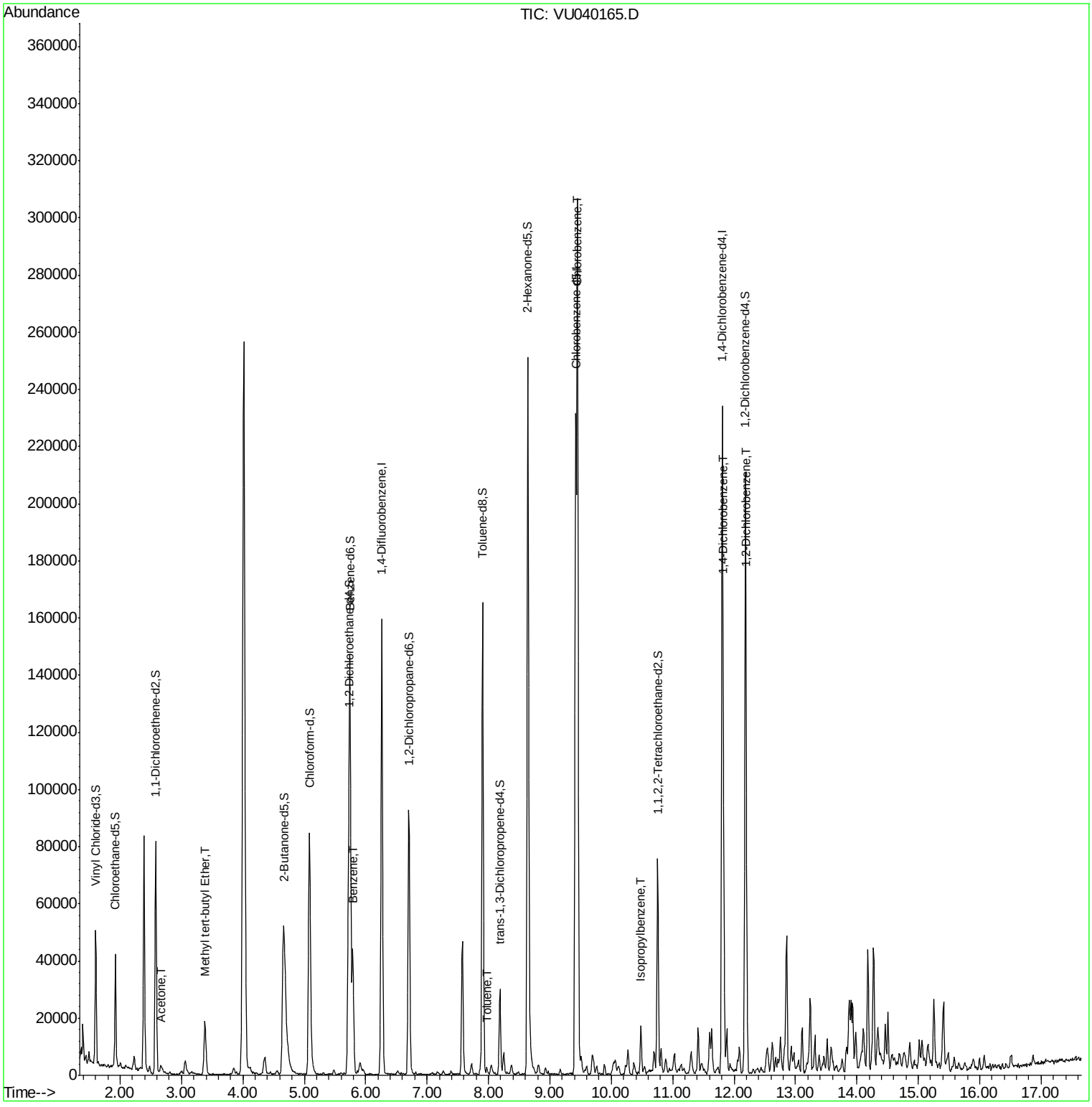
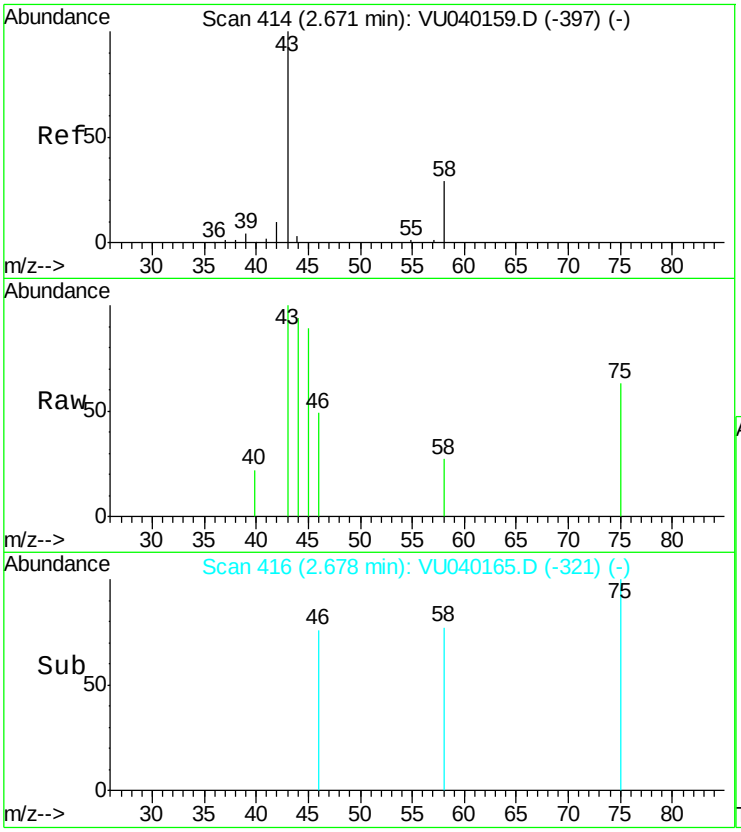
Instrument :
MSVOA_U
ClientSampleId :
BG0P1

Quant Time: Sep 17 03:11:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration



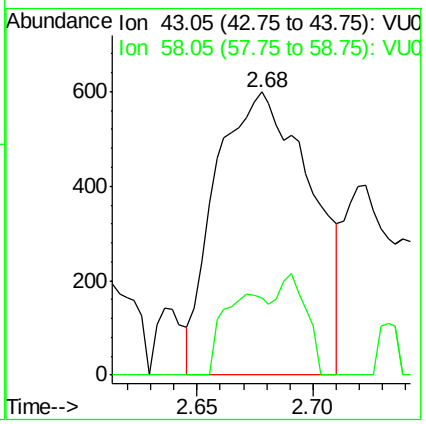


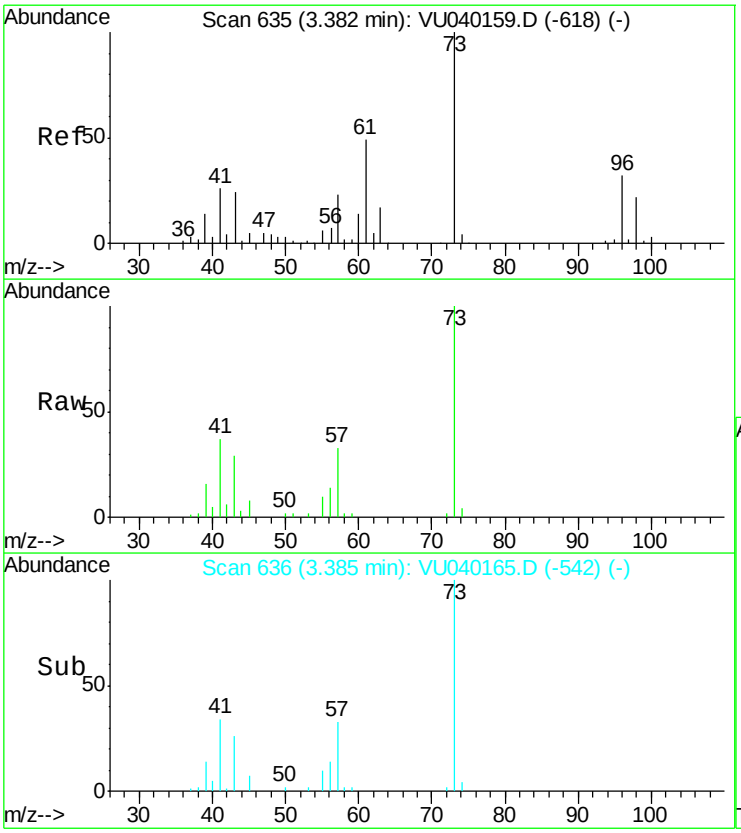
#13
Acetone
Concen: 0.725 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.01 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
BG0P1

Tgt Ion: 43 Resp: 1716

Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	55.4

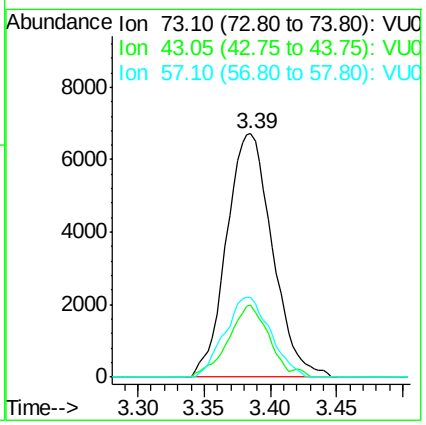


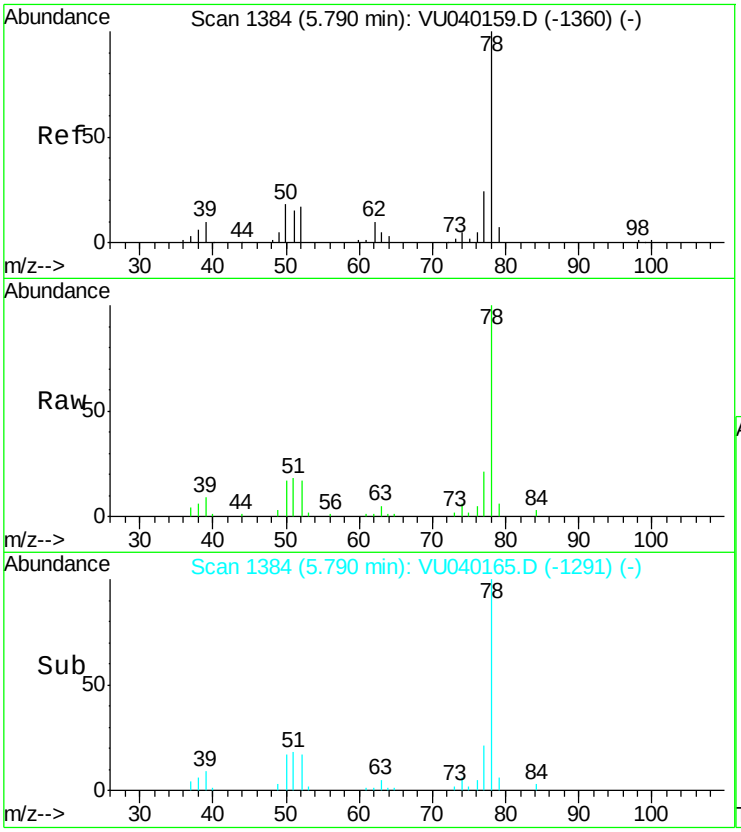


#17
Methyl tert-butyl Ether
Concen: 0.590 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Tgt Ion: 73 Resp: 16113

Ion	Ratio	Lower	Upper
73	100		
43	26.5	19.1	28.7
57	32.6	18.3	27.5#

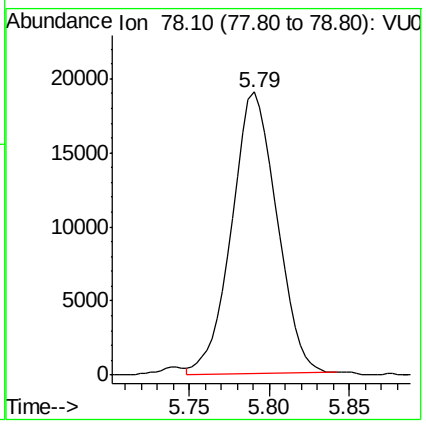


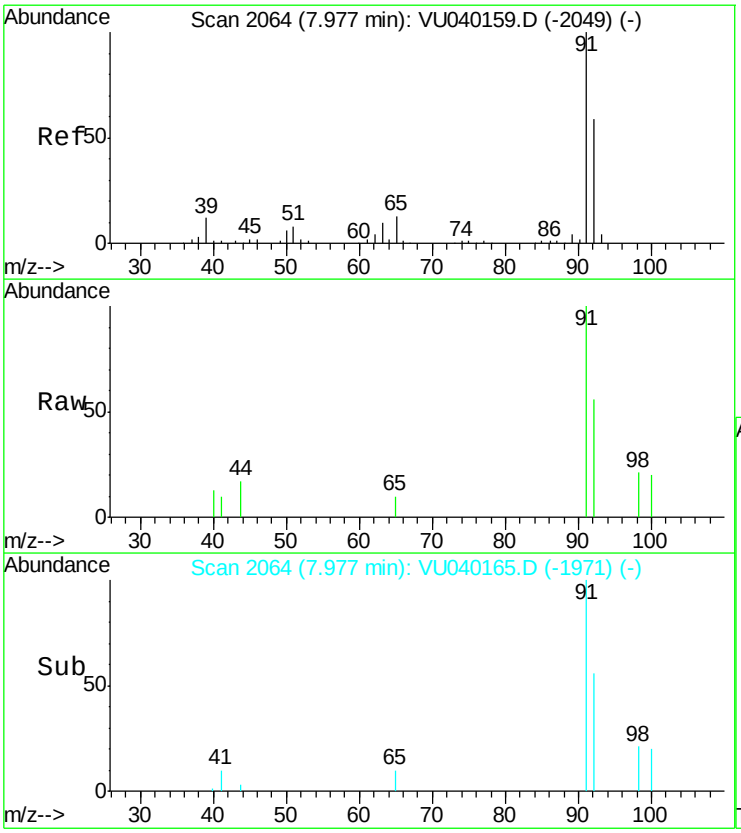


#33
Benzene
Concen: 0.908 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
BG0P1

Tgt Ion: 78 Resp: 36526

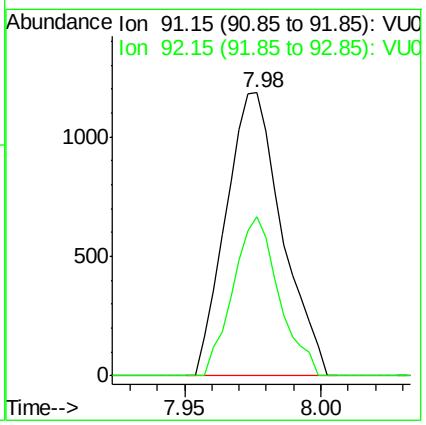


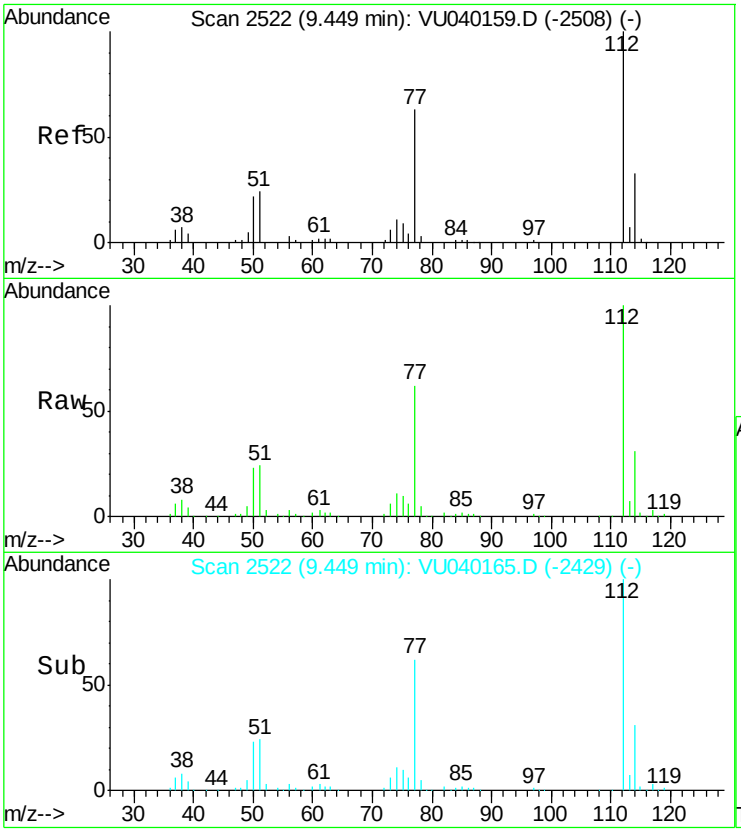


#42
Toluene
Concen: 0.041 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Tgt Ion: 91 Resp: 1693

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.7	75.5



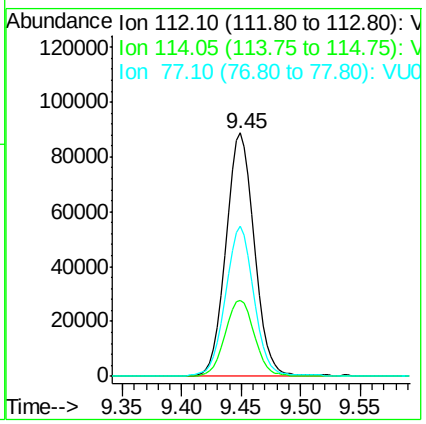


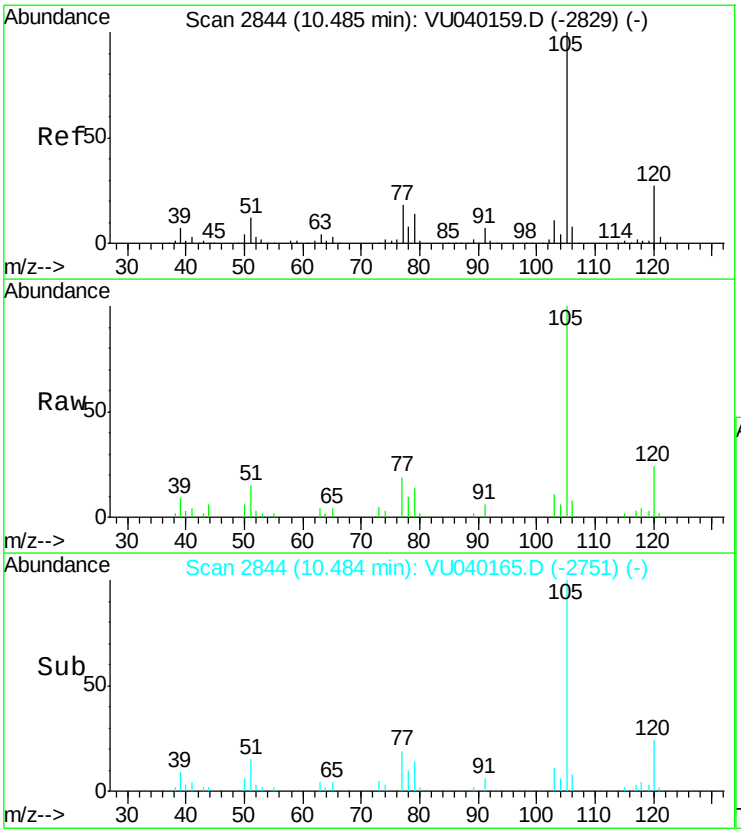
#51
Chlorobenzene
Concen: 5.726 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
BG0P1

Tgt Ion:112 Resp: 147203

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.3
77	61.8	53.2	79.8

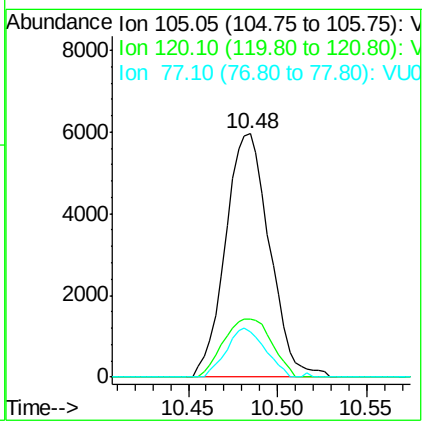


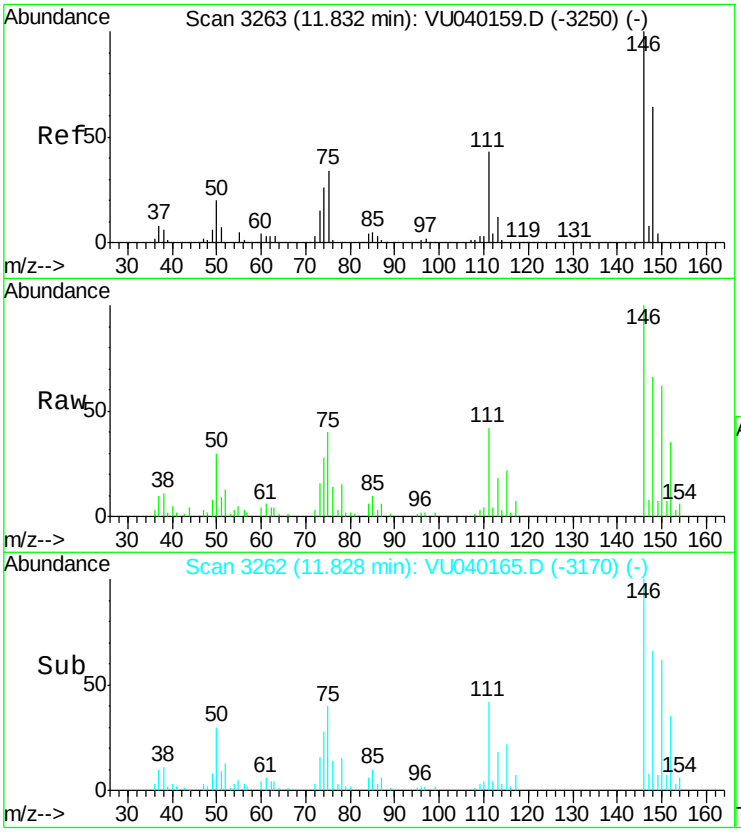


#56
Isopropylbenzene
Concen: 0.235 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Tgt Ion:105 Resp: 10232

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.1	30.1
77	17.5	14.4	21.6



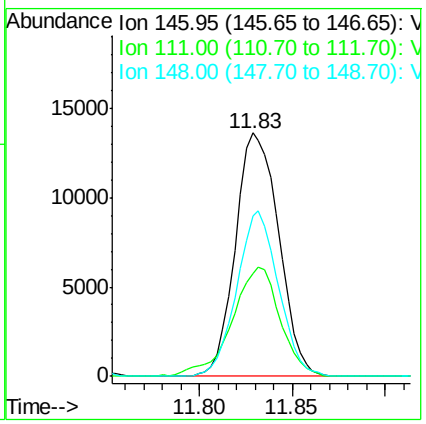


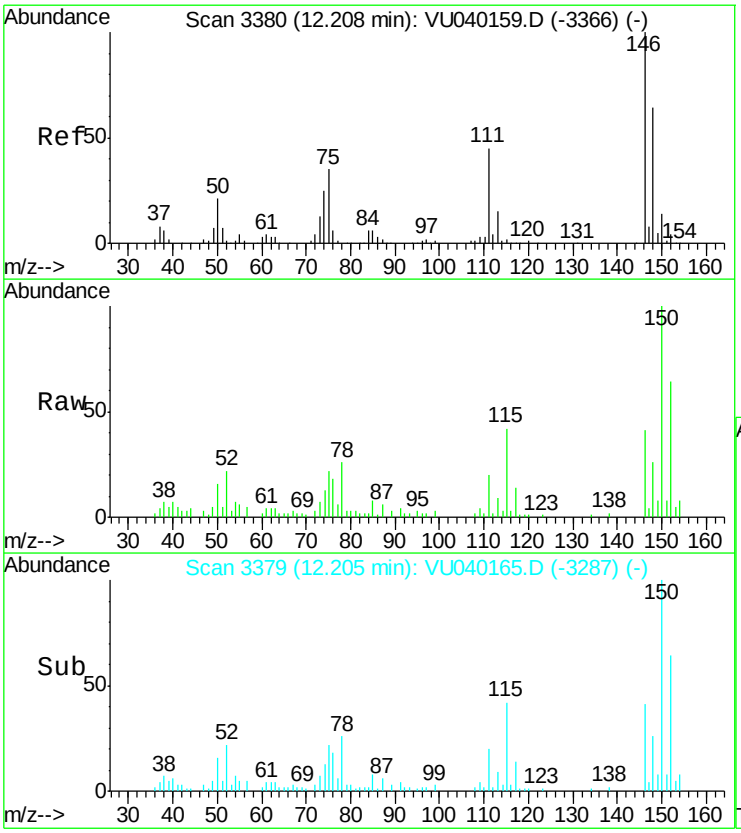
#63
1,4-Dichlorobenzene
Concen: 1.117 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Instrument : MSVOA_U
ClientSampleId : BG0P1

Tgt Ion:146 Resp: 22092

Ion	Ratio	Lower	Upper
146	100		
111	42.4	30.5	56.7
148	65.9	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 0.383 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040165.D
Acq: 16 Sep 2020 22:41

Tgt Ion:146 Resp: 7243

Ion	Ratio	Lower	Upper
146	100		
111	48.8	36.5	54.7
148	62.9	48.6	72.8