Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052720\
Data File : VU038330.D
Acq On : 27 May 2020 18:52
Operator : JC/MD
Sample : L2749-15 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4X9

Quant Time: May 28 06:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	309672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148893	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	88223	3.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.40%			
7) Chloroethane-d5	1.93	69	83401	3.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.00%			
11) 1,1-Dichloroethene-d2	2.59	63	137897	2.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.20%#			
20) 2-Butanone-d5	4.66	46	344007	49.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.44%			
24) Chloroform-d	5.10	84	199044	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.74	65	117526	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	412349	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.72	67	131809	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.92	98	370413	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	8.20	79	50924	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.65	63	273741	49.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.68%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107979	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	150257	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	5136	0.250	ug/L	89
13) Acetone	2.65	43	4405	1.005	ug/L	96
16) Methylene chloride	3.08	84	2295	0.092	ug/L	83
22) cis-1,2-Dichloroethene	4.70	96	2715	0.107	ug/L	80
30) Cyclohexane	5.42	56	6110	0.150	ug/L	96
33) Benzene	5.81	78	1937521	20.154	ug/L	100
35) Methylcyclohexane	6.79	83	5652	0.145	ug/L	86
42) Toluene	7.99	91	2897697	28.553	ug/L	97
51) Chlorobenzene	9.47	112	494074	7.845	ug/L	98
52) Ethylbenzene	9.59	91	258170	2.348	ug/L	99
53) m,p-Xylene	9.71	106	279614	6.633	ug/L	99
54) o-Xylene	10.12	106	112841	2.769	ug/L	92
56) Isopropylbenzene	10.50	105	128938	1.232	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	14206	0.289	ug/L	93
65) 1,2-Dichlorobenzene	12.22	146	8154	0.175	ug/L	93

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052720\
Data File : VU038330.D
Acq On : 27 May 2020 18:52
Operator : JC/MD
Sample : L2749-15 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4X9

Quant Time: May 28 06:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
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 (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052720\
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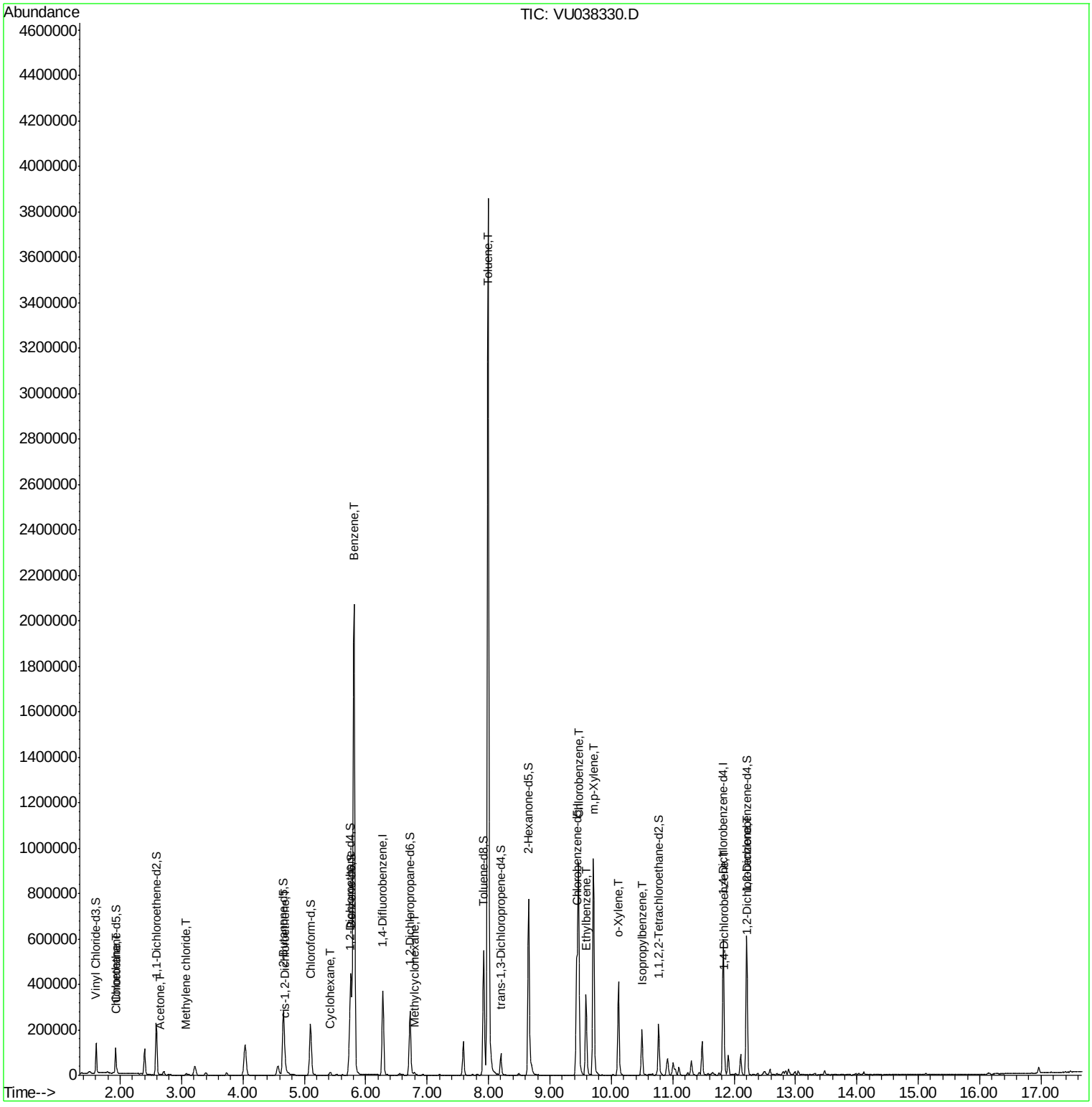
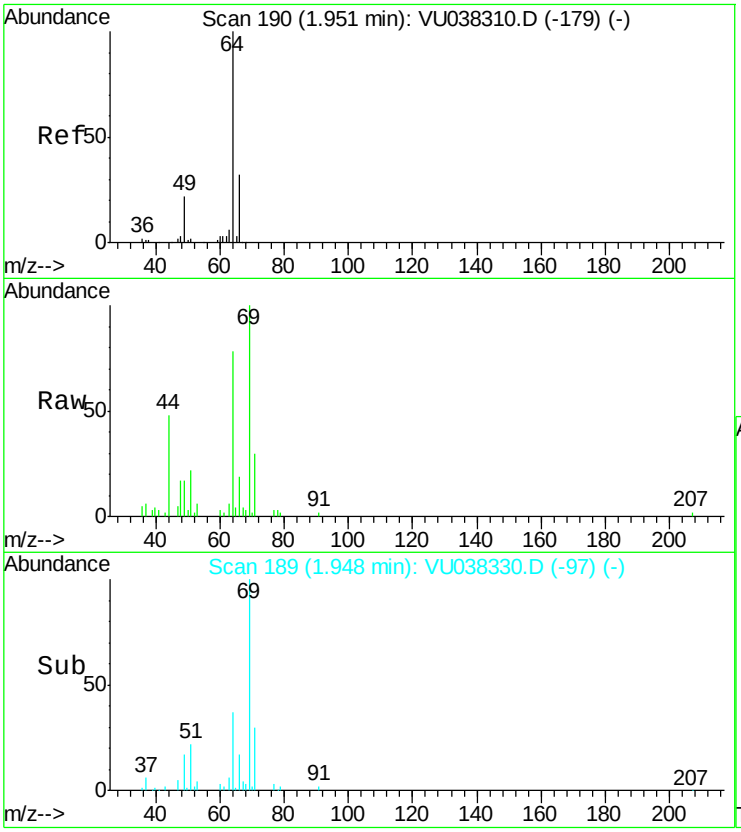


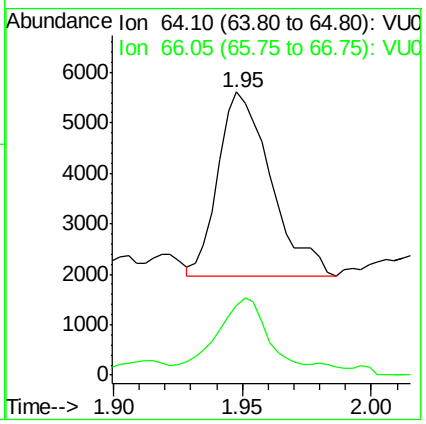


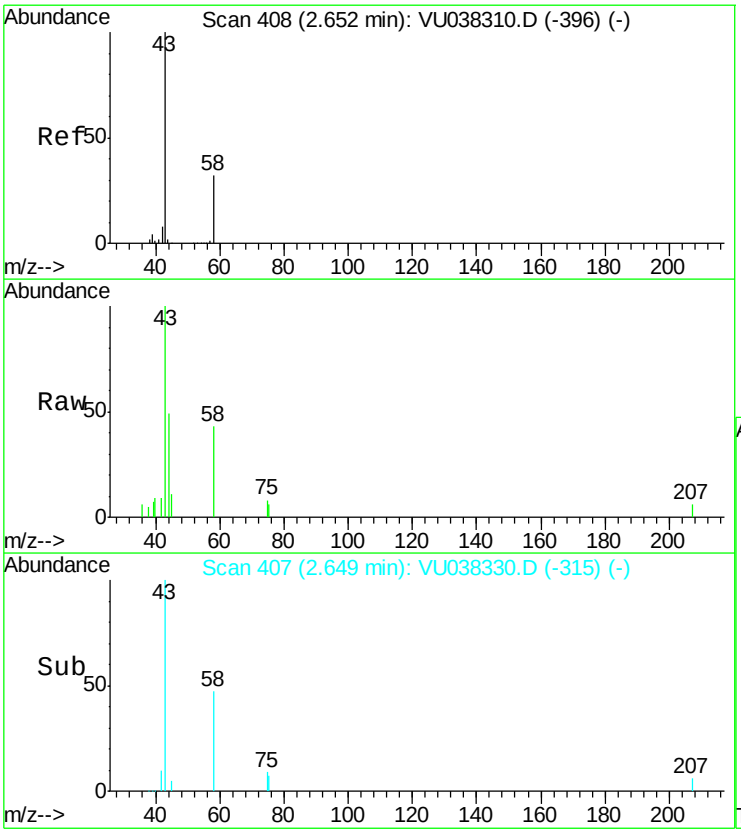
#8
Chloroethane
Concen: 0.250 ug/L
RT: 1.95 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X9

Tgt Ion: 64 Resp: 5136

Ion	Ratio	Lower	Upper
64	100		
66	24.8	21.8	40.4

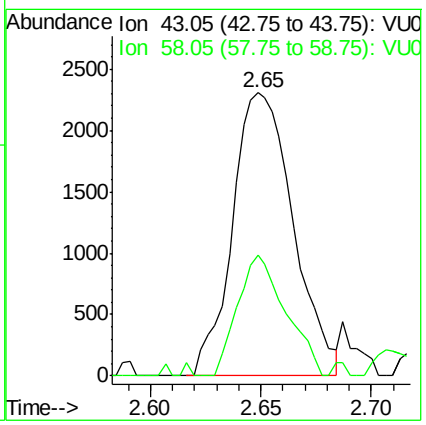


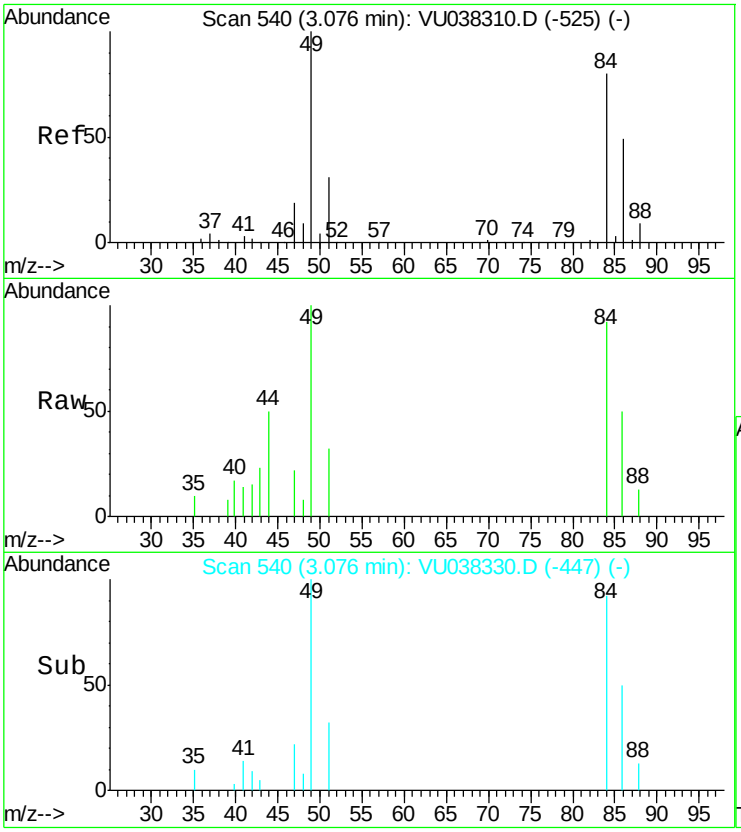


#13
Acetone
Concen: 1.005 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion: 43 Resp: 4405

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	63.6



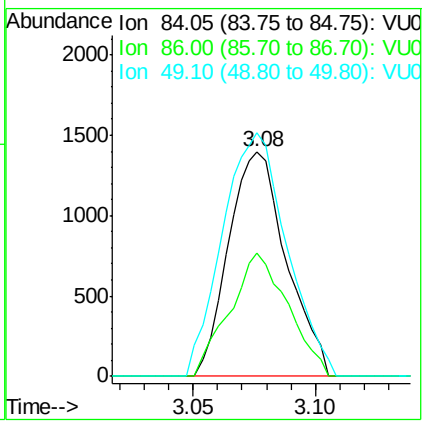


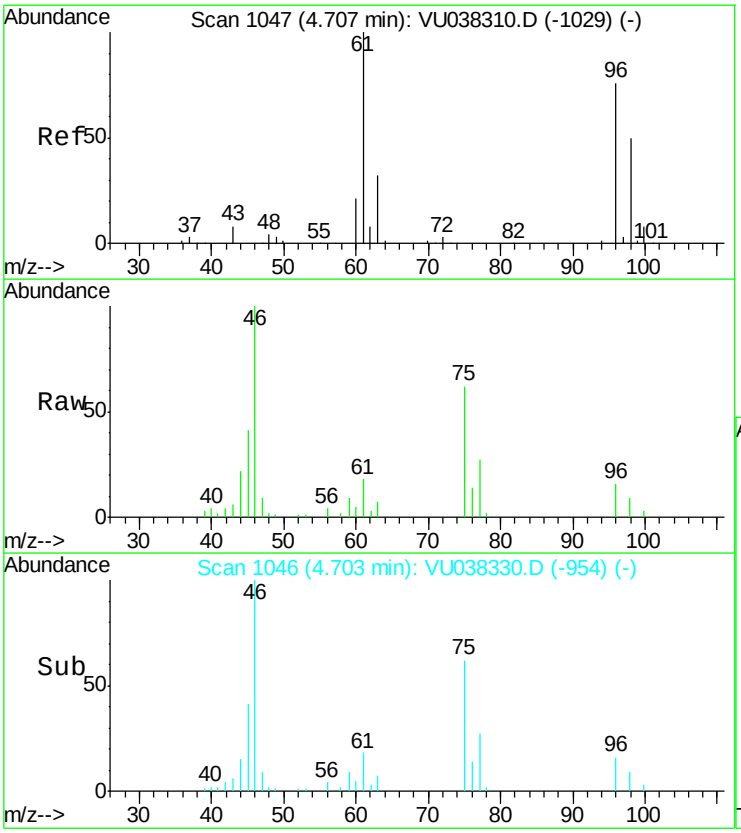
#16
Methylene chloride
Concen: 0.092 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument : MSVOA_U
ClientSampleId : BE4X9

Tgt Ion: 84 Resp: 2295

Ion	Ratio	Lower	Upper
84	100		
86	54.6	44.9	83.3
49	108.4	92.0	170.9

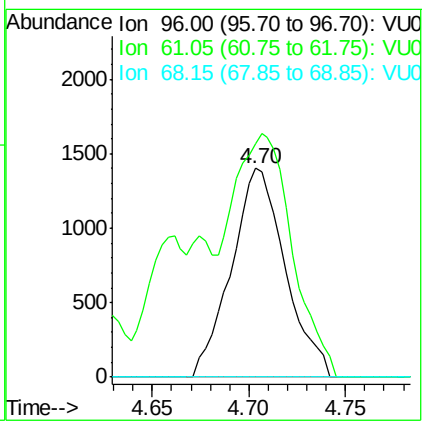


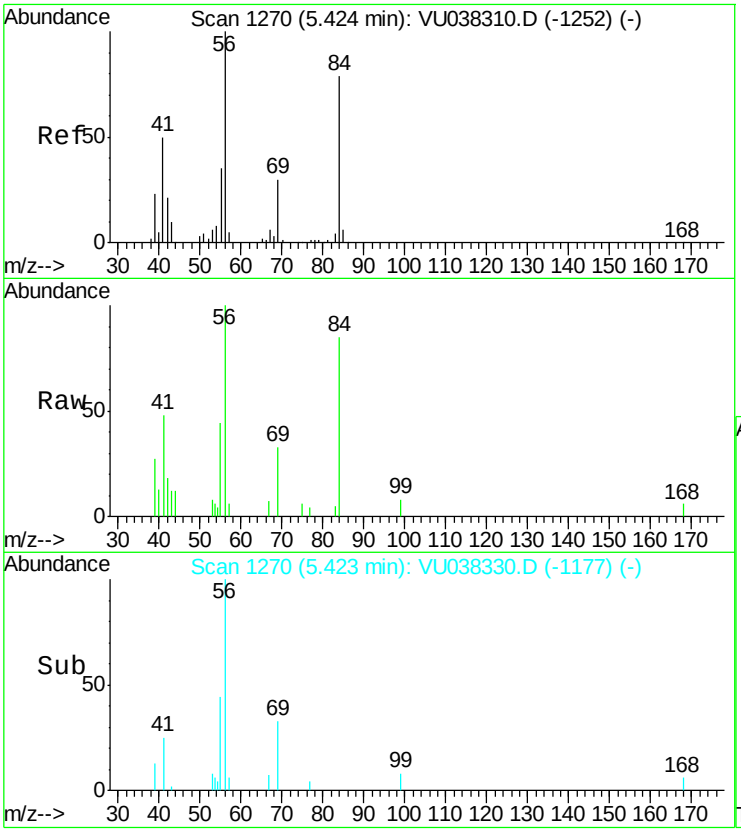


#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion: 96 Resp: 2715

Ion	Ratio	Lower	Upper
96	100		
61	111.7	95.3	176.9
68	0.0	0.0	0.0



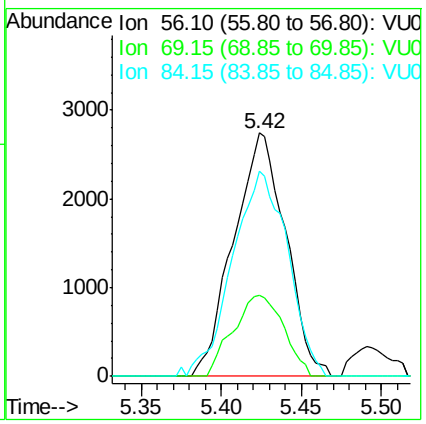


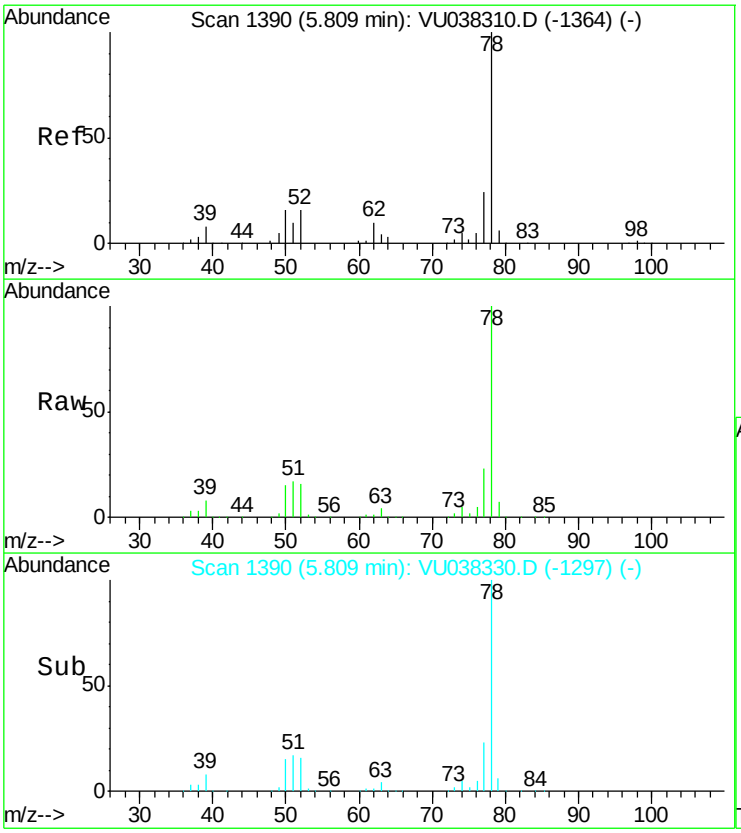
#30
Cyclohexane
Concen: 0.150 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X9

Tgt Ion: 56 Resp: 6110

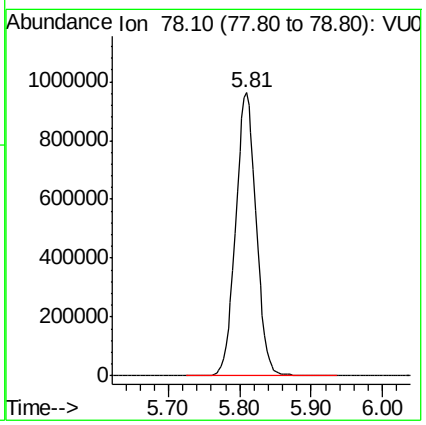
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.2	36.4
84	89.6	68.5	102.7

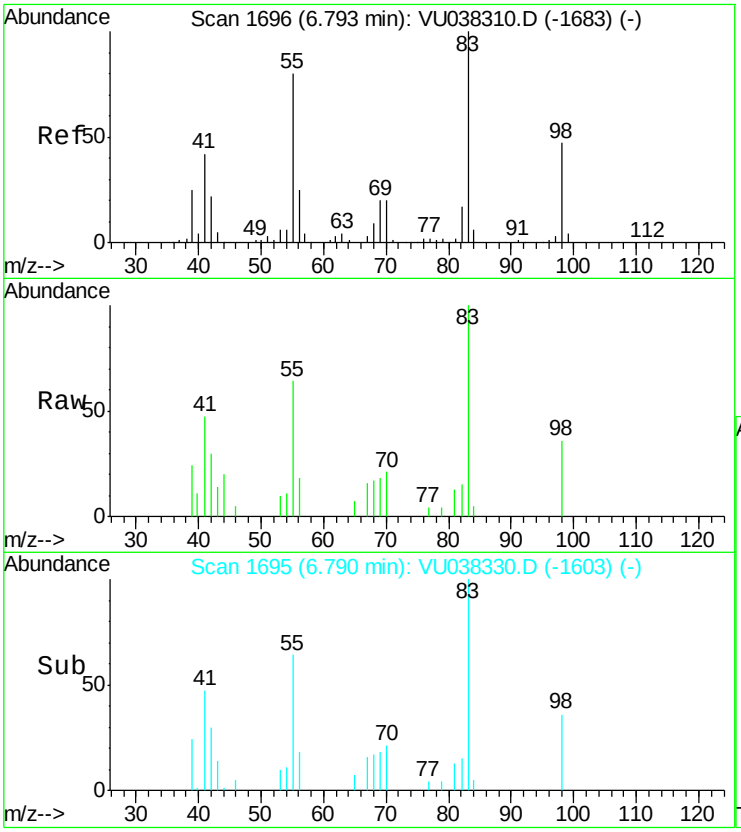




#33
Benzene
Concen: 20.154 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion: 78 Resp: 1937521



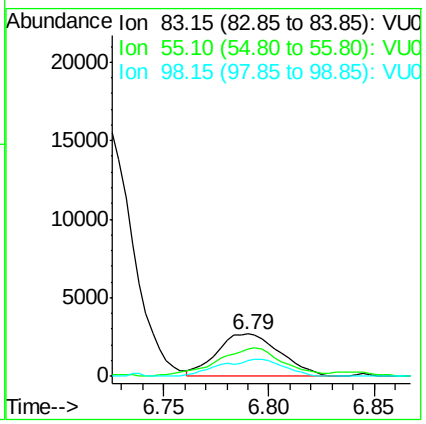


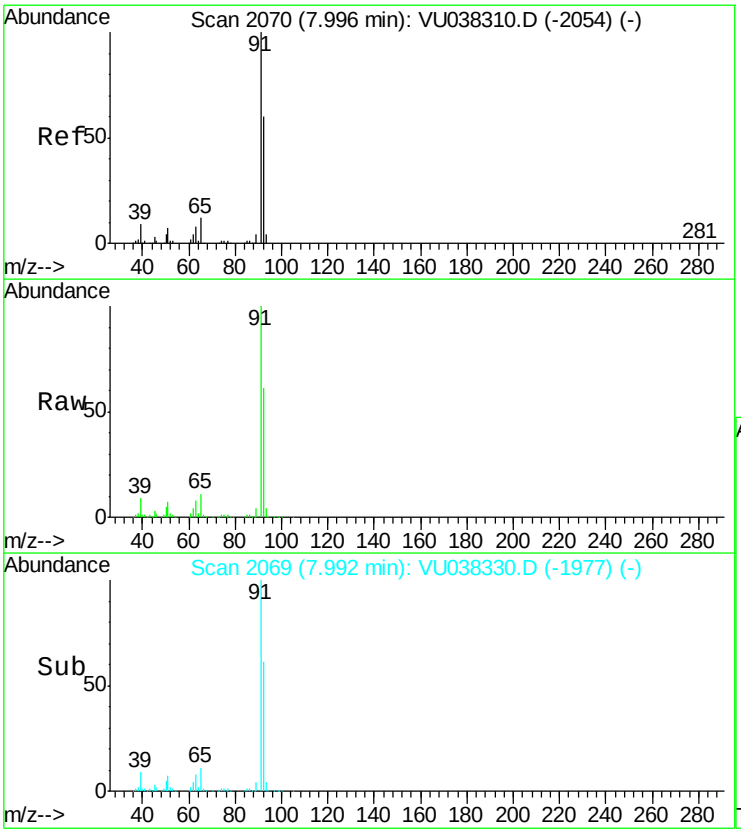
#35
Methylcyclohexane
Concen: 0.145 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument : MSVOA_U
ClientSampleId : BE4X9

Tgt Ion: 83 Resp: 5652

Ion	Ratio	Lower	Upper
83	100		
55	70.3	66.7	100.1
98	39.8	39.4	59.2

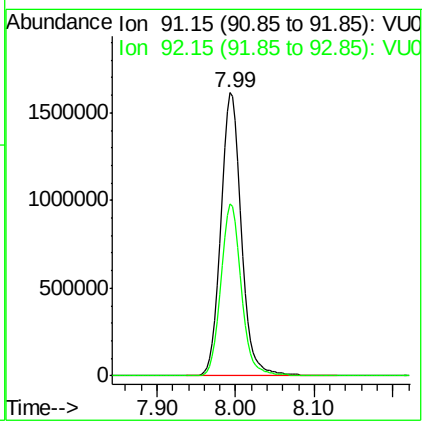


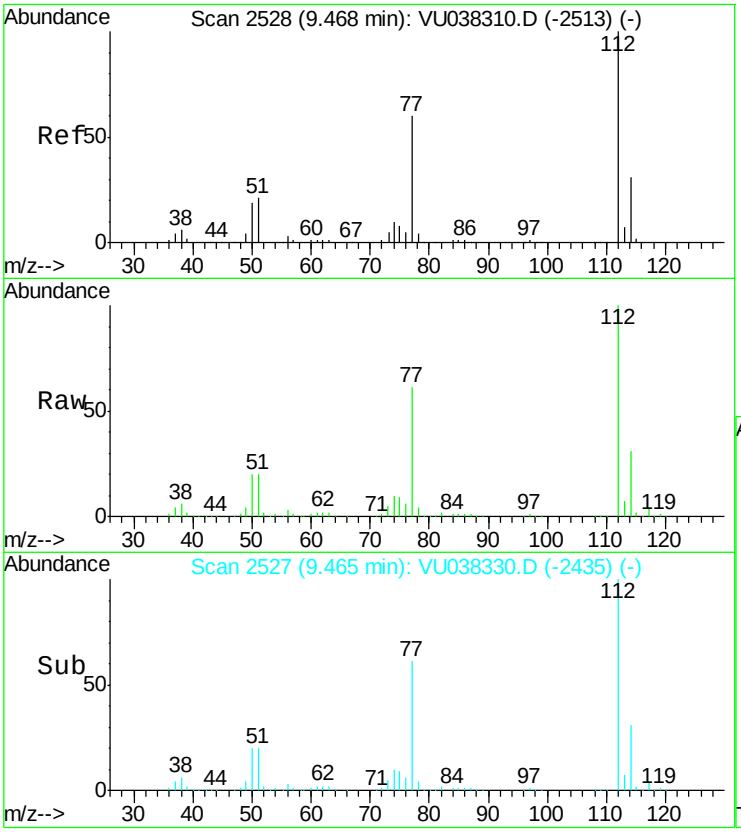


#42
Toluene
Concen: 28.553 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion: 91 Resp: 2897697

Ion	Ratio	Lower	Upper
91	100		
92	60.6	40.9	75.9



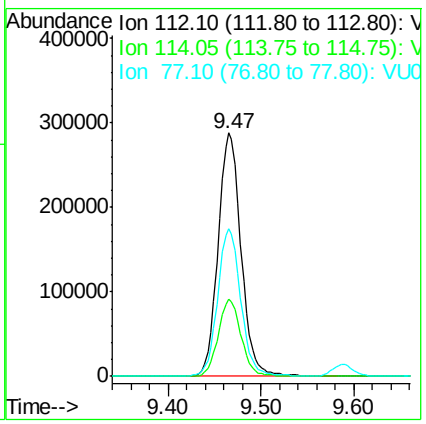


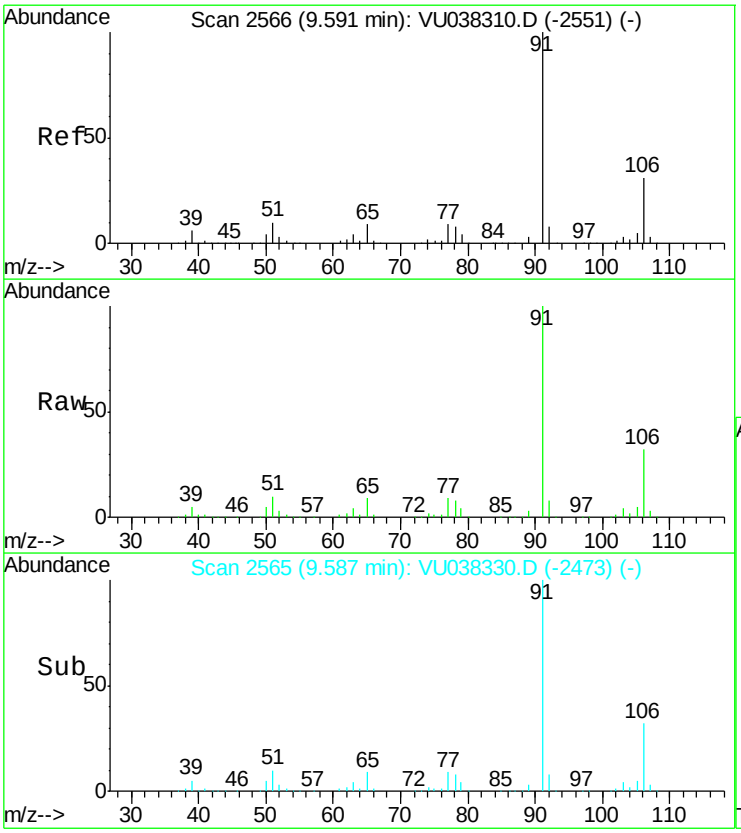
#51
Chlorobenzene
Concen: 7.845 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument : MSVOA_U
ClientSampleId : BE4X9

Tgt Ion:112 Resp: 494074

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	60.8	49.9	74.9

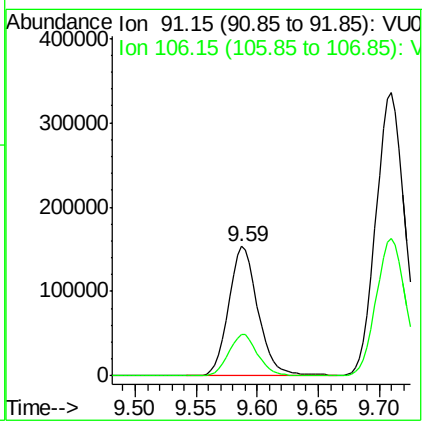


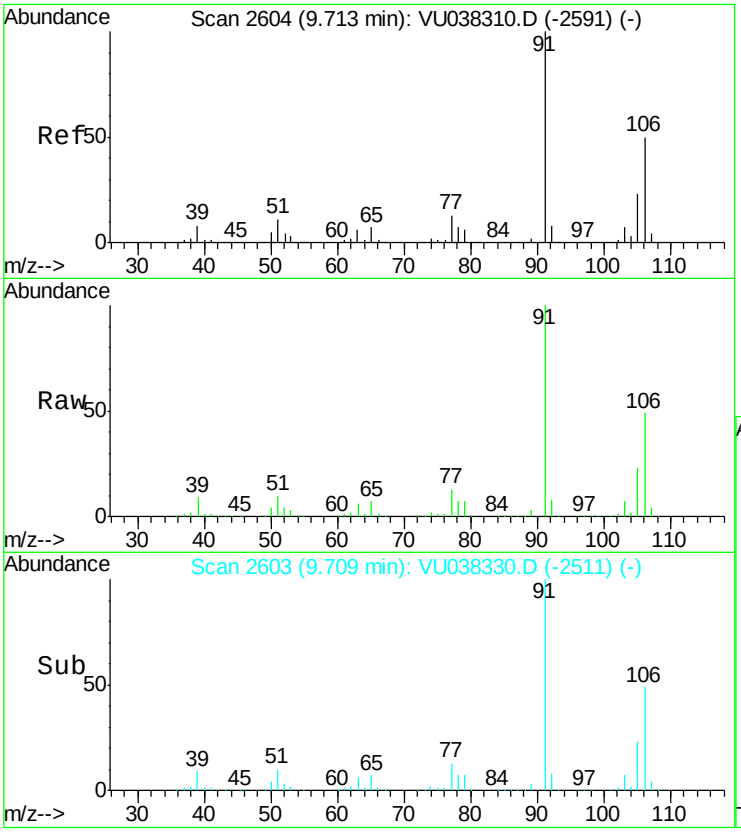


#52
Ethylbenzene
Concen: 2.348 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion: 91 Resp: 258170

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.8	40.4



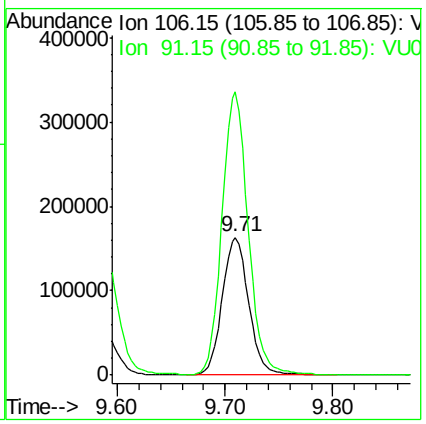


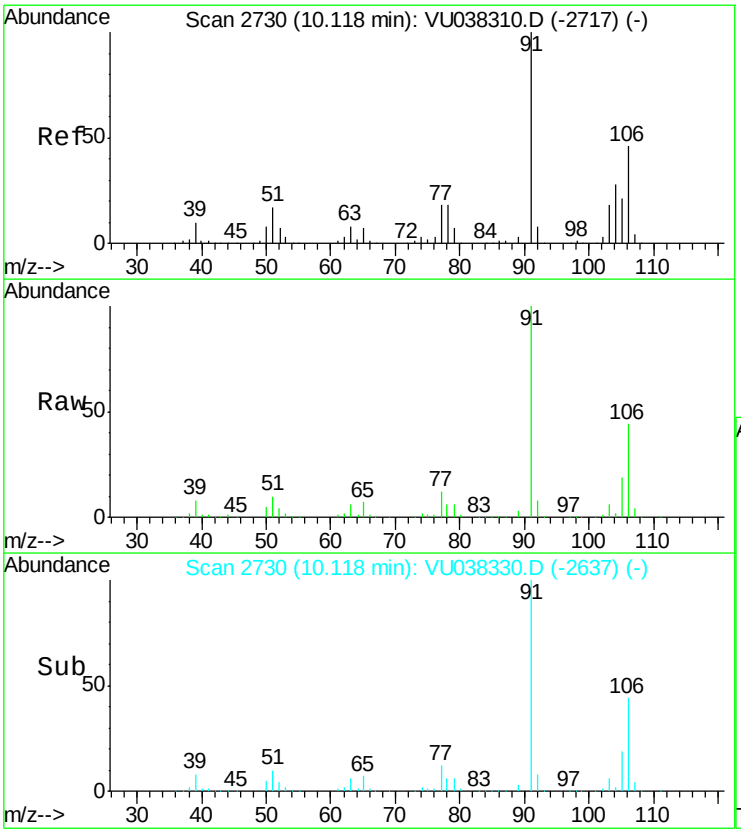
#53
m,p-Xylene
Concen: 6.633 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X9

Tgt Ion:106 Resp: 279614

Ion	Ratio	Lower	Upper
106	100		
91	205.2	142.1	263.9

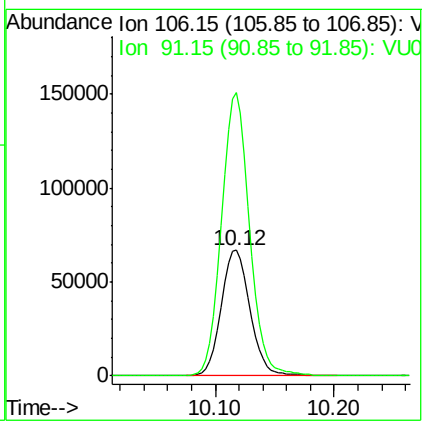


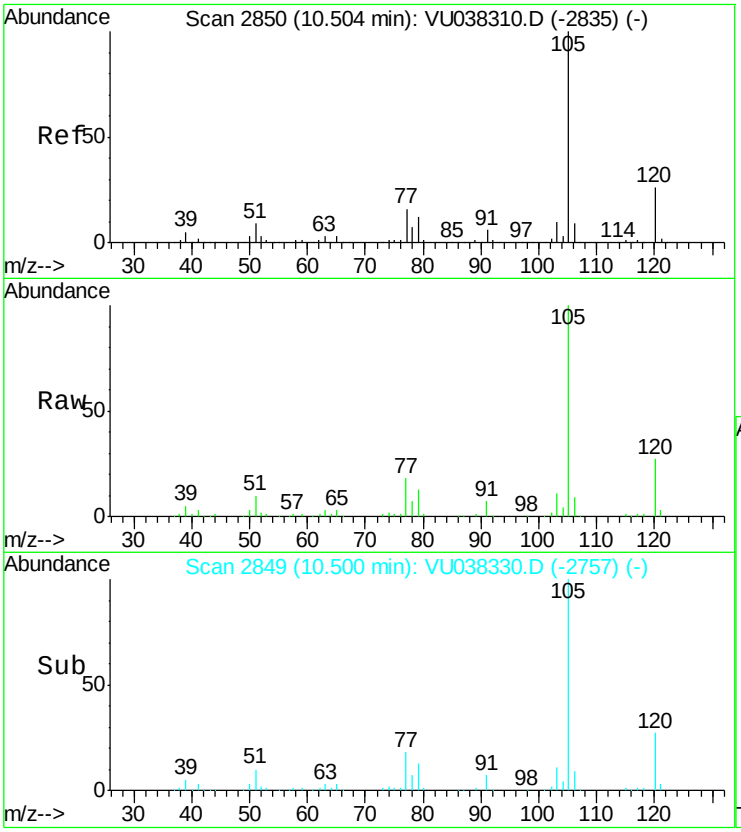


#54
o-Xylene
Concen: 2.769 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion:106 Resp: 112841

Ion	Ratio	Lower	Upper
106	100		
91	225.1	148.5	275.9



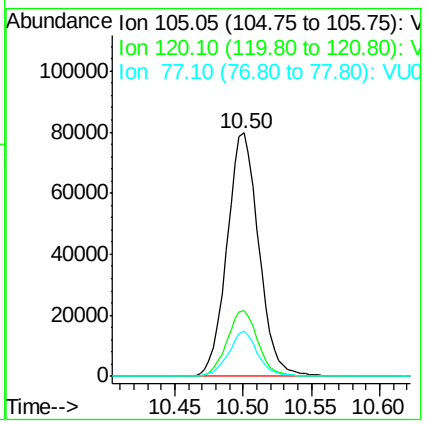


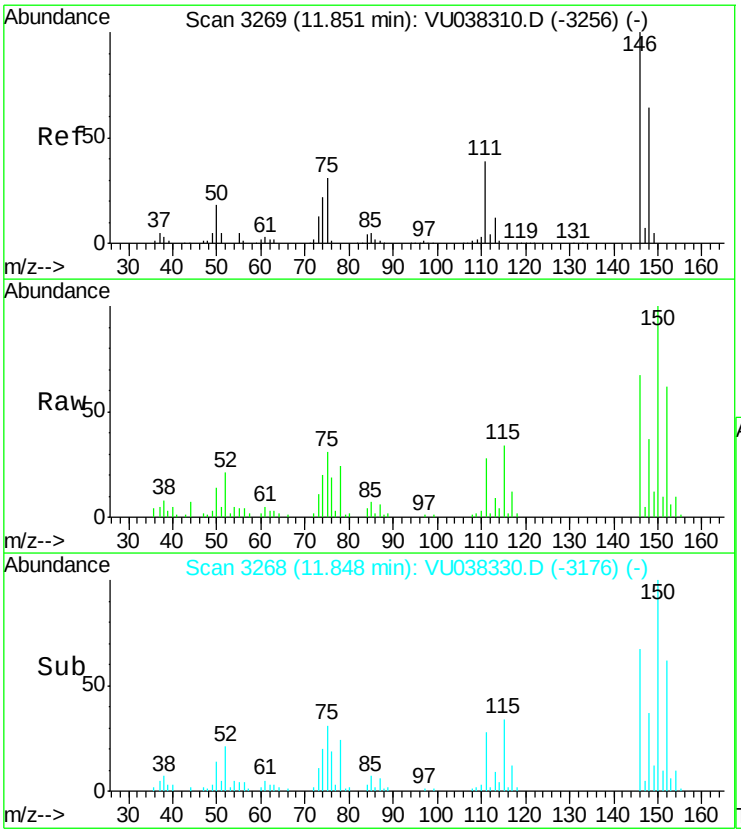
#56
Isopropylbenzene
Concen: 1.232 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X9

Tgt Ion:105 Resp: 128938

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.6
77	17.0	13.0	19.4

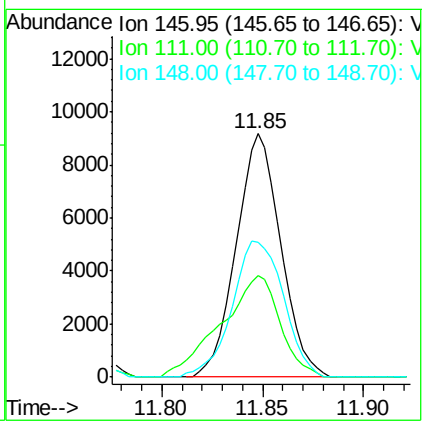


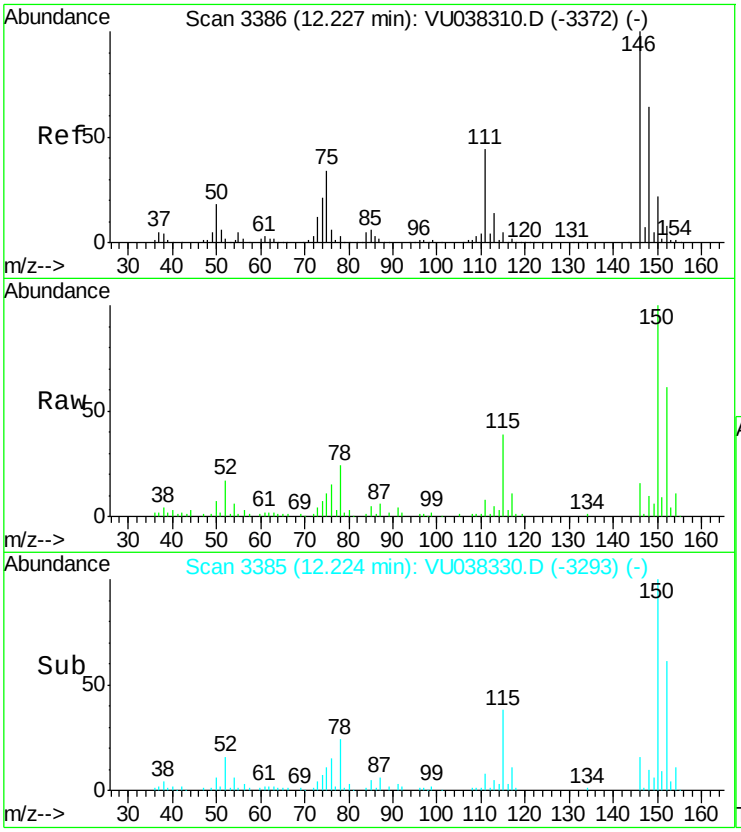


#63
1,4-Dichlorobenzene
Concen: 0.289 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Tgt Ion:146 Resp: 14206

Ion	Ratio	Lower	Upper
146	100		
111	41.5	27.2	50.6
148	55.5	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.175 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038330.D
Acq: 27 May 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X9

Tgt Ion:146 Resp: 8154

Ion	Ratio	Lower	Upper
146	100		
111	50.6	35.3	52.9
148	60.2	51.0	76.4