Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038613.D
Acq On : 06 Jun 2020 13:49
Operator : SY/MD
Sample : L2884-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXD8DL

Quant Time: Jun 07 05:02:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jun 07 04:01:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321078	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163140	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	65173	3.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.80%			
7) Chloroethane-d5	1.93	69	64027	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.59	63	112433	2.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.00%#			
20) 2-Butanone-d5	4.67	46	354721	56.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.38%			
24) Chloroform-d	5.10	84	179136	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.74	65	108082	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.76	84	352462	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.72	67	113164	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%			
41) Toluene-d8	7.92	98	294208	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	8.20	79	44253	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.65	63	302693	58.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.66%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103882	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	133707	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.92	63	7424	0.195	ug/L #	95
22) cis-1,2-Dichloroethene	4.71	96	11328	0.494	ug/L	95
27) 1,2-Dichloroethane	5.82	62	3638	0.133	ug/L #	92
30) Cyclohexane	5.42	56	9124	0.261	ug/L	89
33) Benzene	5.81	78	65133	0.740	ug/L	100
34) Trichloroethene	6.57	95	3234	0.142	ug/L	86
35) Methylcyclohexane	6.79	83	5048	0.143	ug/L #	78
42) Toluene	7.99	91	73456	0.796	ug/L	98
51) Chlorobenzene	9.47	112	41226	0.693	ug/L	99
52) Ethylbenzene	9.59	91	167128	1.627	ug/L	100
53) m,p-Xylene	9.71	106	332182	8.410	ug/L	96
54) o-Xylene	10.11	106	206618	5.449	ug/L	99
56) Isopropylbenzene	10.50	105	33029	0.331	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	5775	0.119	ug/L	91
65) 1,2-Dichlorobenzene	12.22	146	61464	1.350	ug/L	99

Quantitation Report (QT/LSC Reviewed)

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Data File : VU038613.D
Acq On : 06 Jun 2020 13:49
Operator : SY/MD
Sample : L2884-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXD8DL

Quant Time: Jun 07 05:02:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jun 07 04:01:21 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\VU060620\
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Acq On : 06 Jun 2020 13:49
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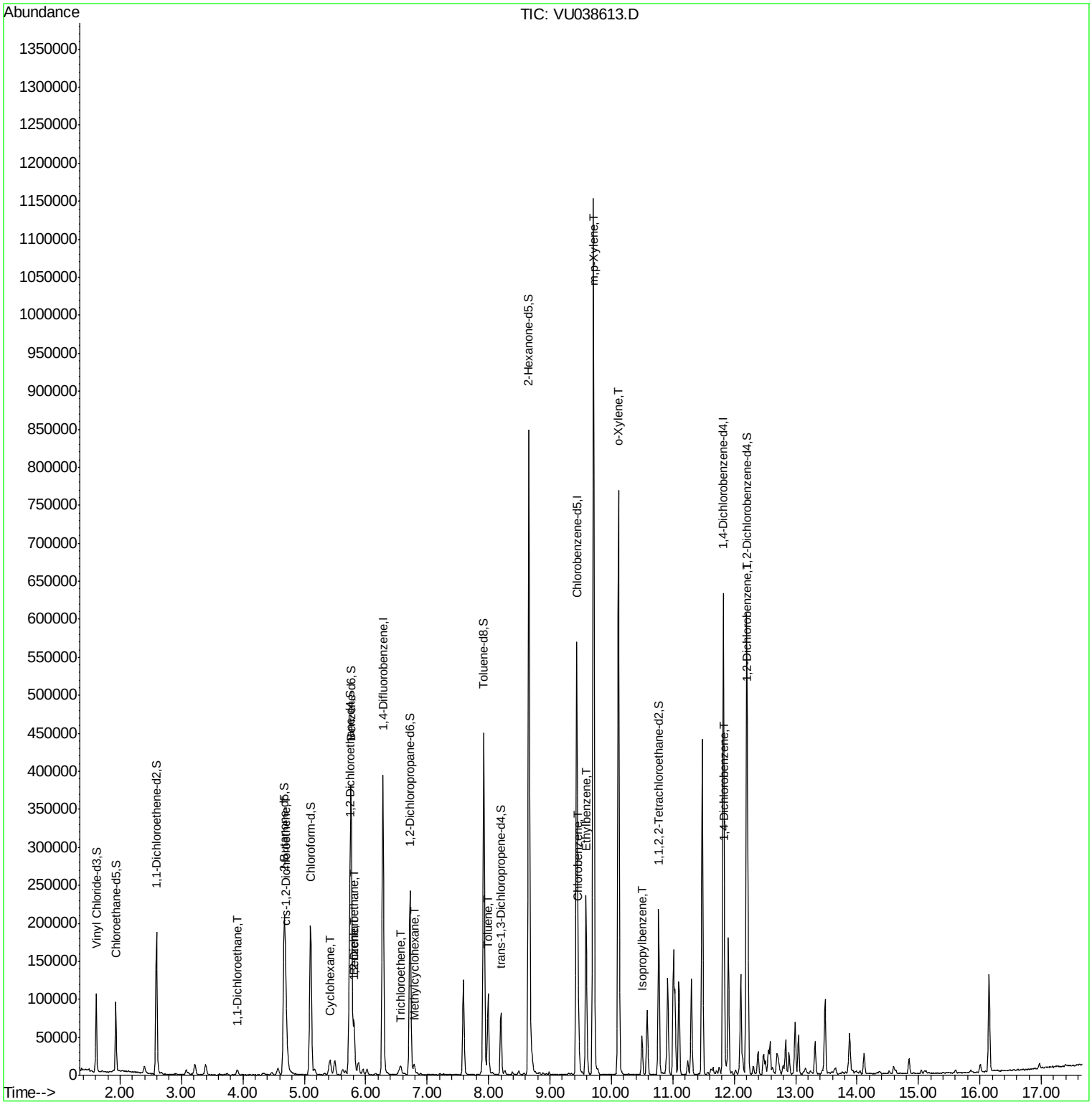
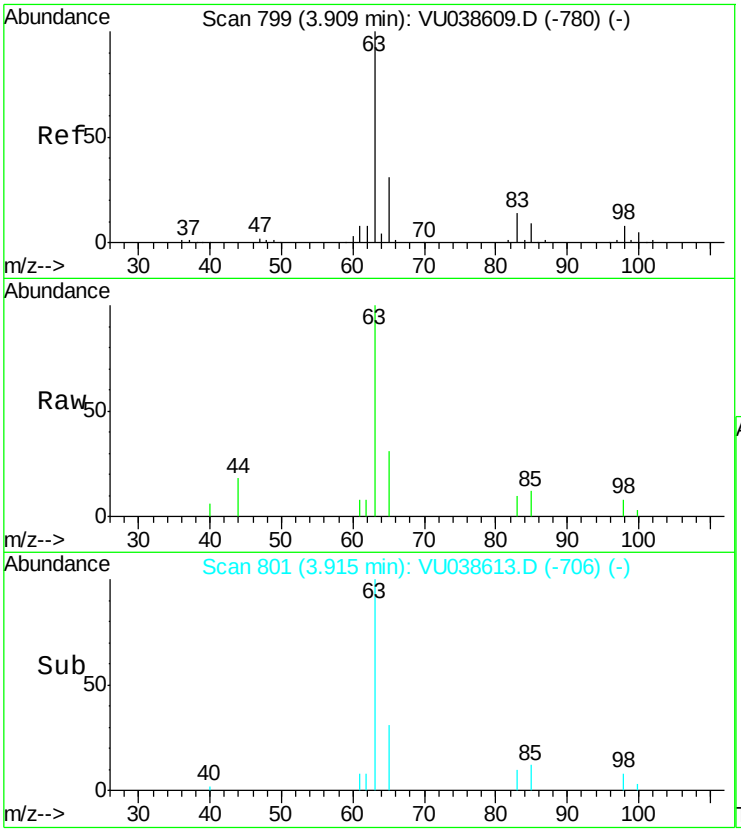
Response via : Initial Calibration



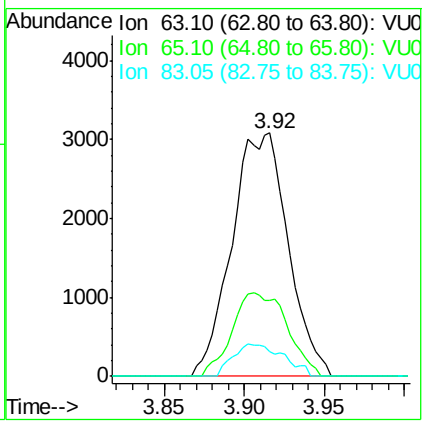


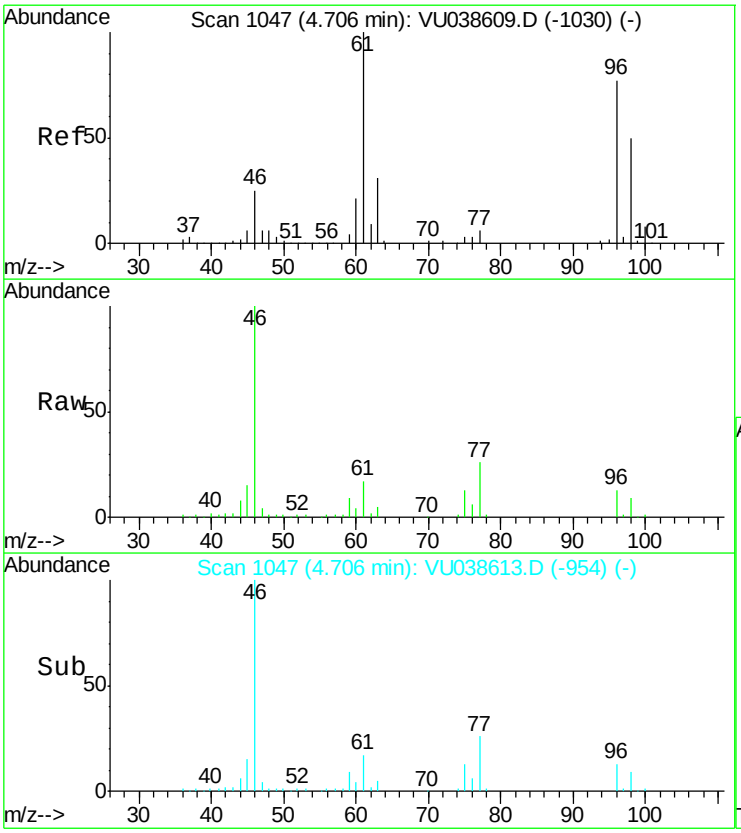
#19
1,1-Dichloroethane
Concen: 0.195 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.01 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
BFXD8DL

Tgt Ion: 63 Resp: 7424

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	10.4	10.4	19.4#

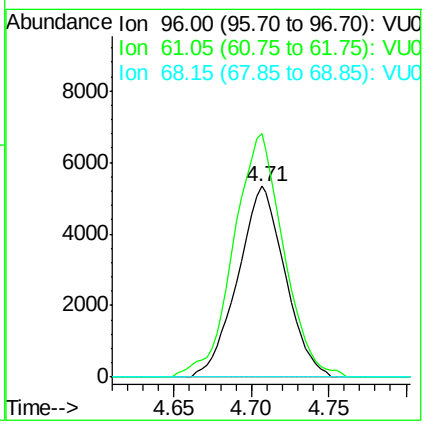


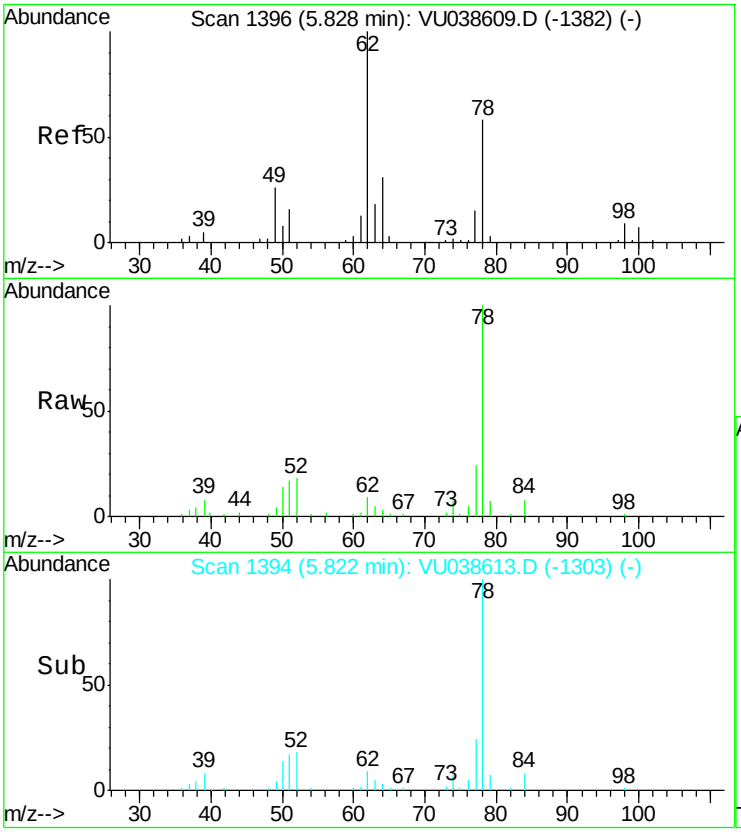


#22
cis-1,2-Dichloroethene
Concen: 0.494 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion: 96 Resp: 11328

Ion	Ratio	Lower	Upper
96	100		
61	127.8	94.0	174.6
68	0.0	0.0	0.0



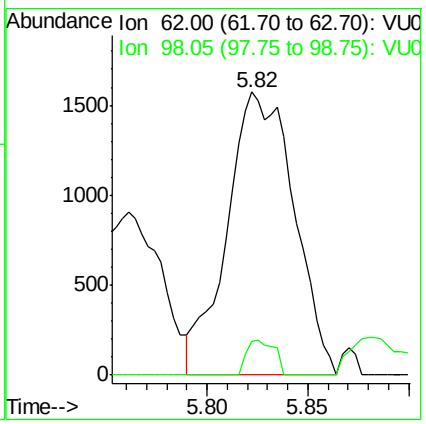


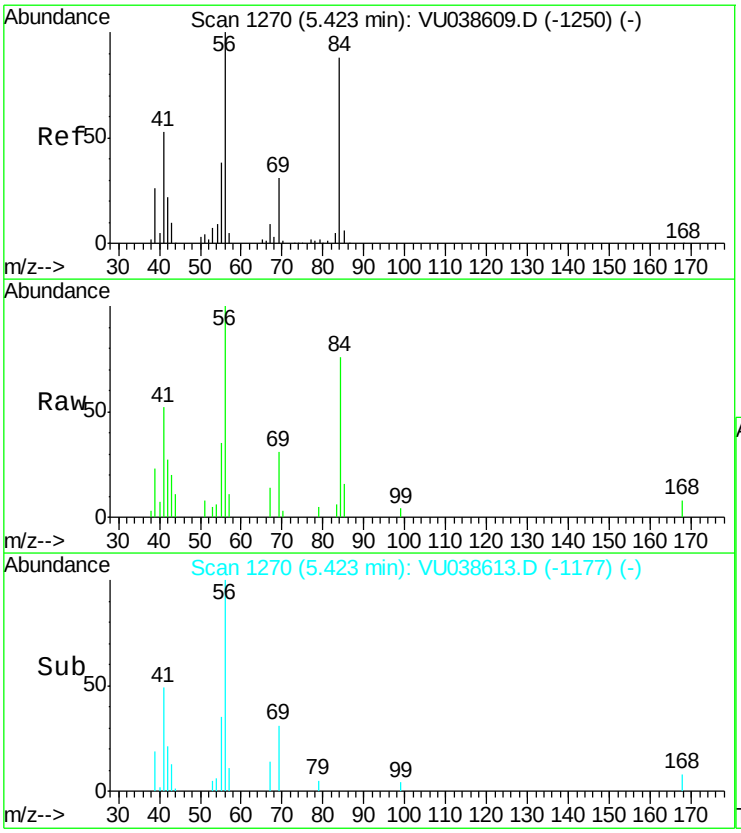
#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. -0.01 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
BFXD8DL

Tgt Ion: 62 Resp: 3638

Ion	Ratio	Lower	Upper
62	100		
98	12.1	7.4	11.2#

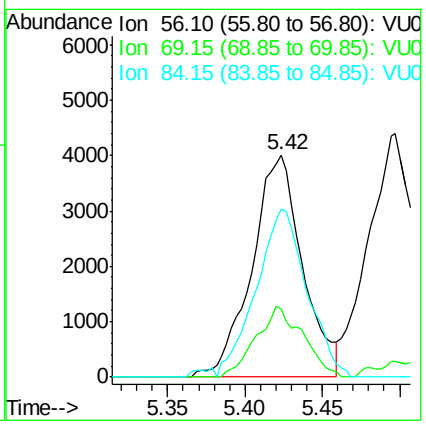


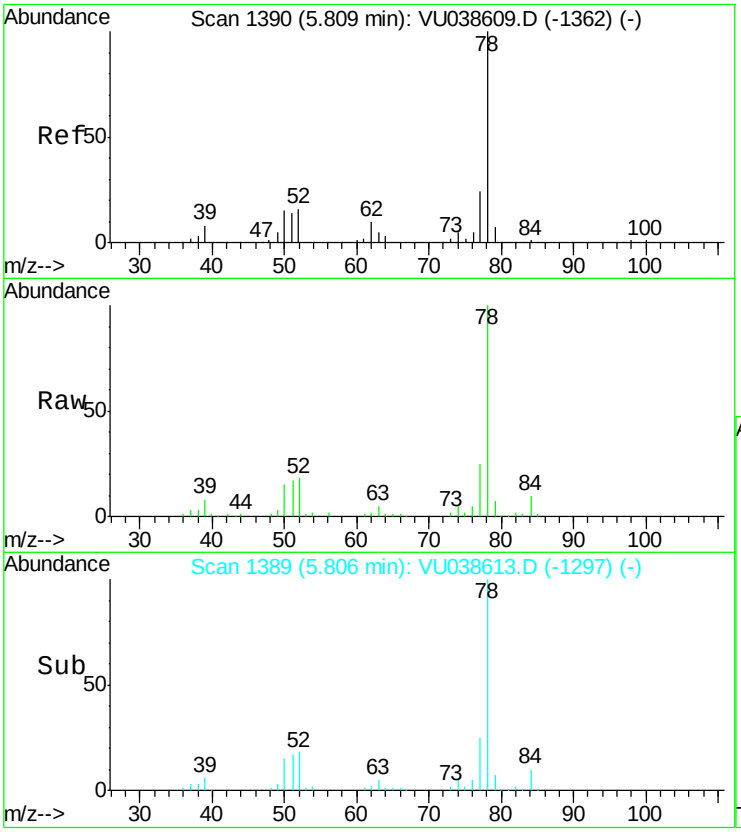


#30
Cyclohexane
Concen: 0.261 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion: 56 Resp: 9124

Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.2	36.4
84	75.4	70.8	106.2

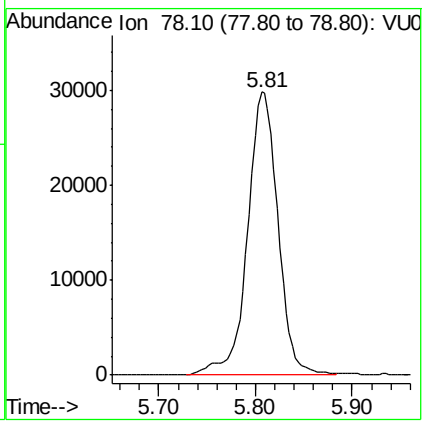


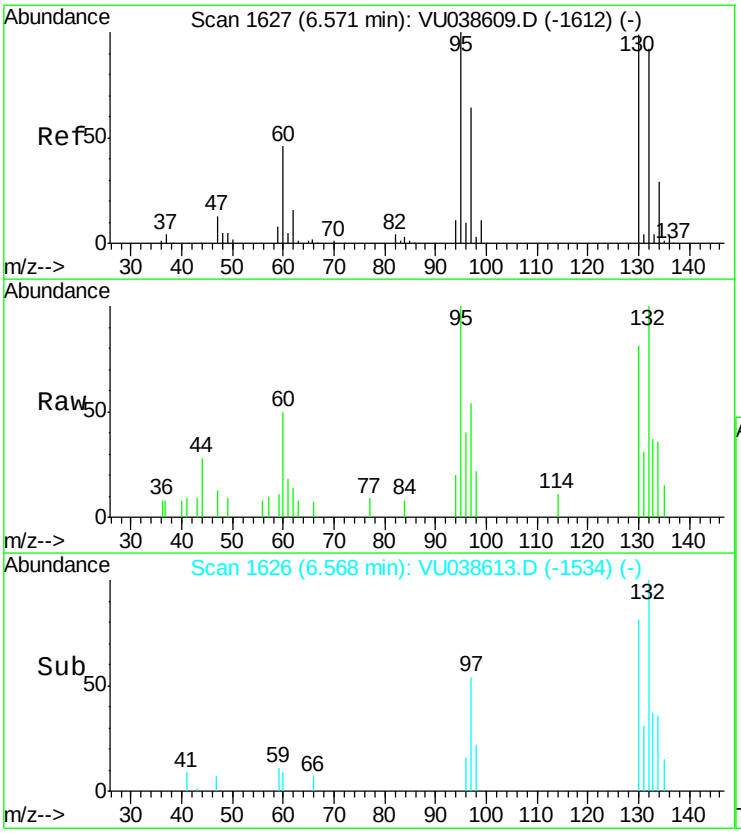


#33
Benzene
Concen: 0.740 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
BFXD8DL

Tgt Ion: 78 Resp: 65133

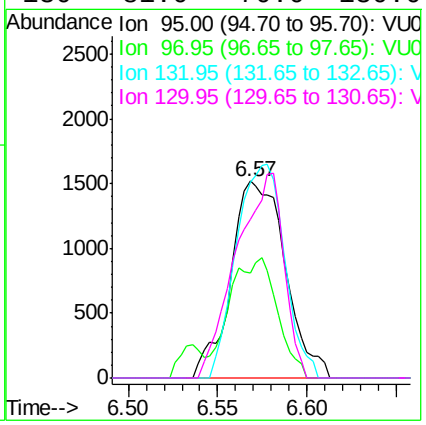


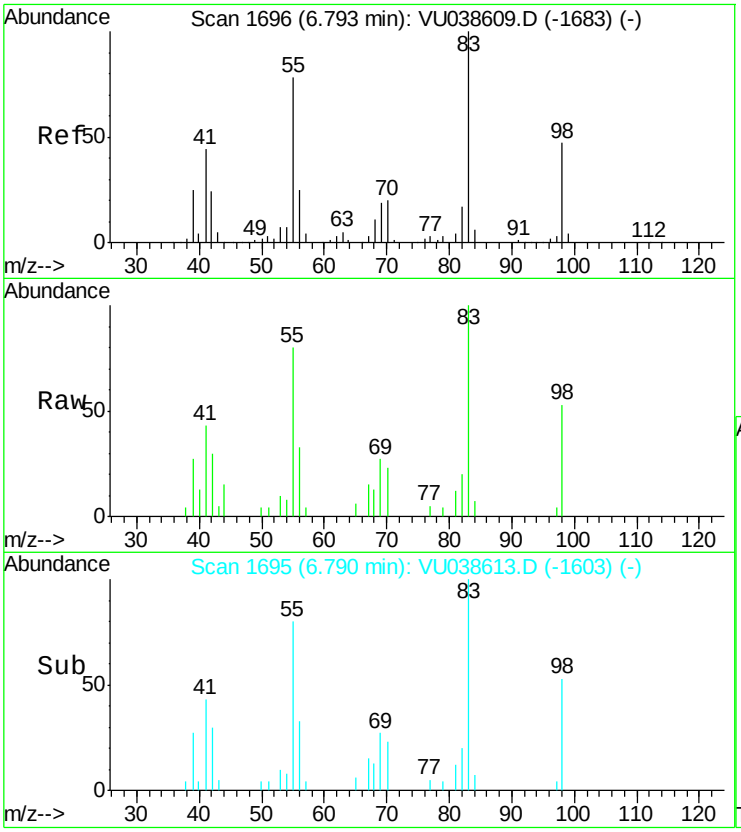


#34
Trichloroethene
Concen: 0.142 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion: 95 Resp: 3234

Ion	Ratio	Lower	Upper
95	100		
97	53.6	46.8	87.0
132	99.8	66.1	122.7
130	81.0	70.0	130.0



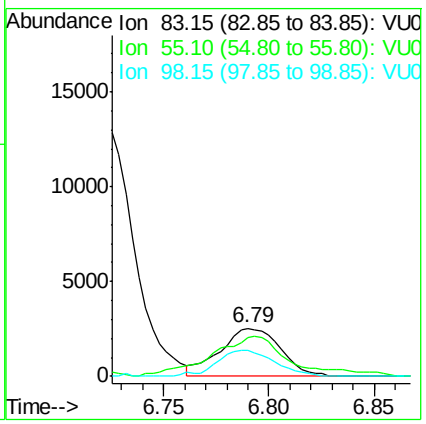


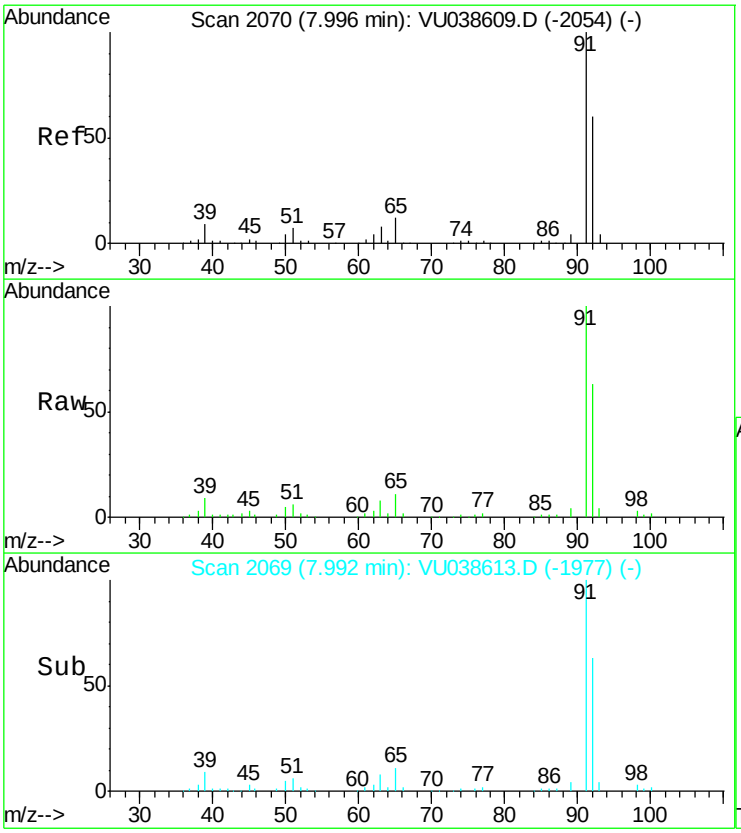
#35
Methylcyclohexane
Concen: 0.143 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument : MSVOA_U
ClientSampleId : BFXD8DL

Tgt Ion: 83 Resp: 5048

Ion	Ratio	Lower	Upper
83	100		
55	109.0	63.4	95.2#
98	51.3	39.0	58.4

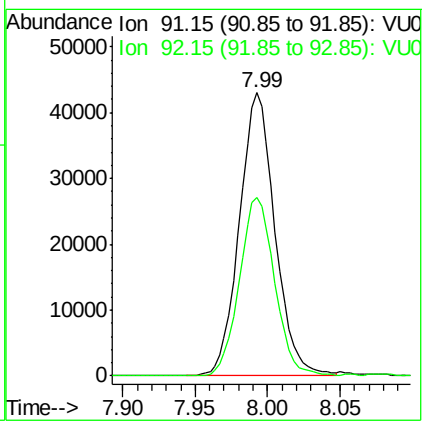


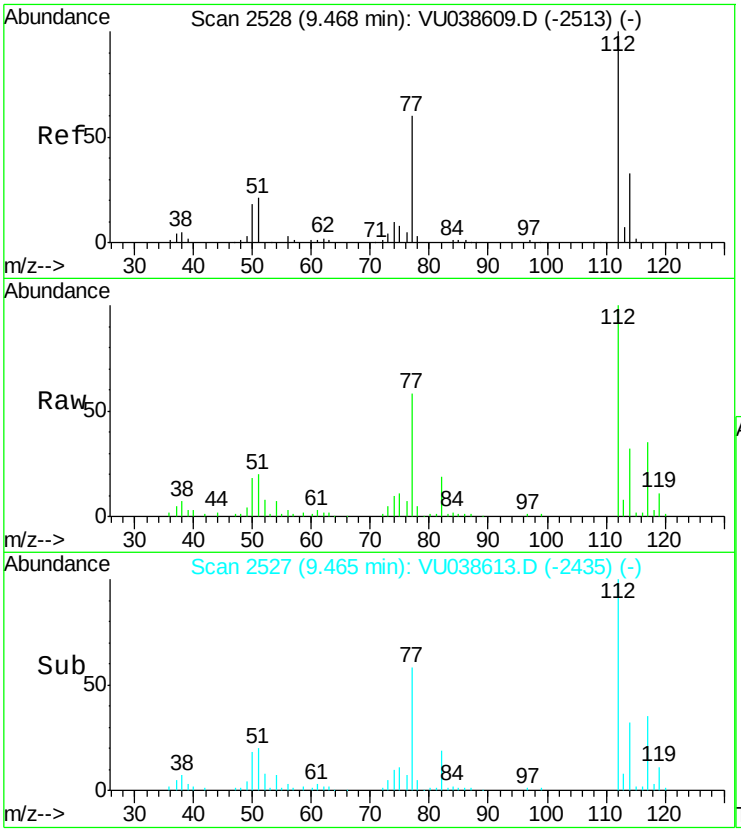


#42
Toluene
Concen: 0.796 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion: 91 Resp: 73456

Ion	Ratio	Lower	Upper
91	100		
92	62.9	43.0	79.8



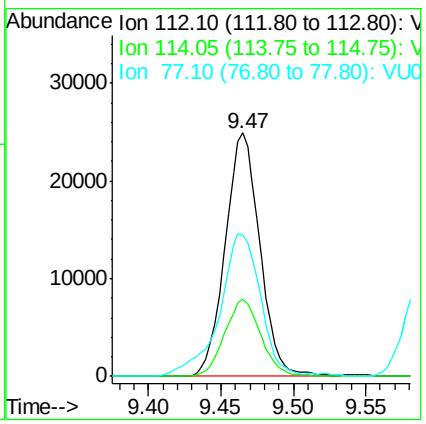


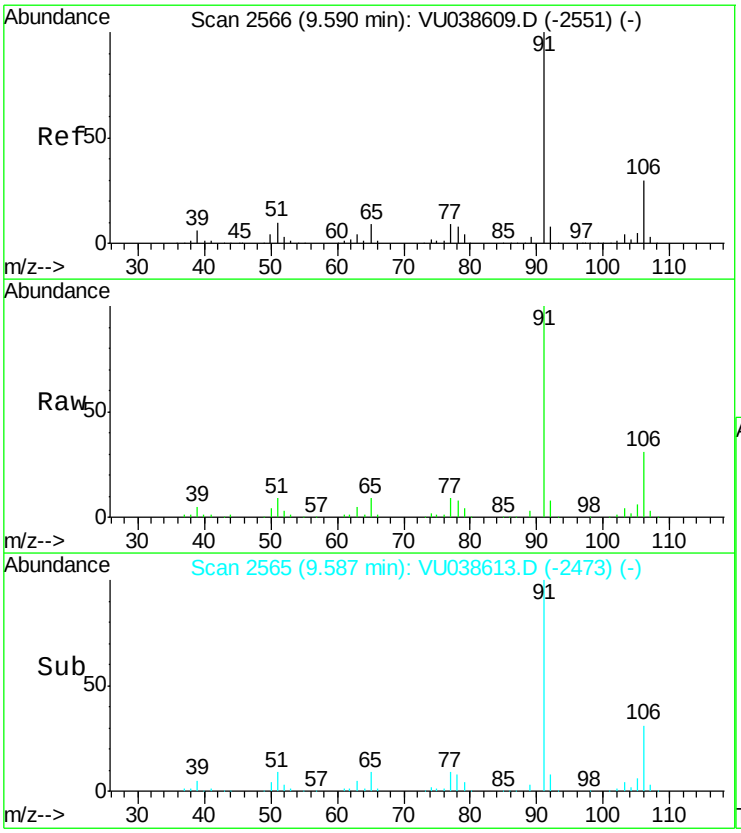
#51
Chlorobenzene
Concen: 0.693 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument : MSVOA_U
ClientSampleId : BFXD8DL

Tgt Ion:112 Resp: 41226

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	58.2	47.1	70.7

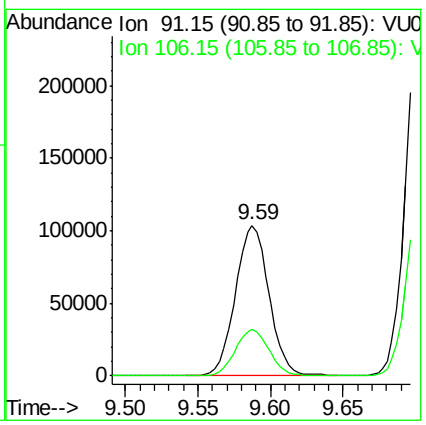


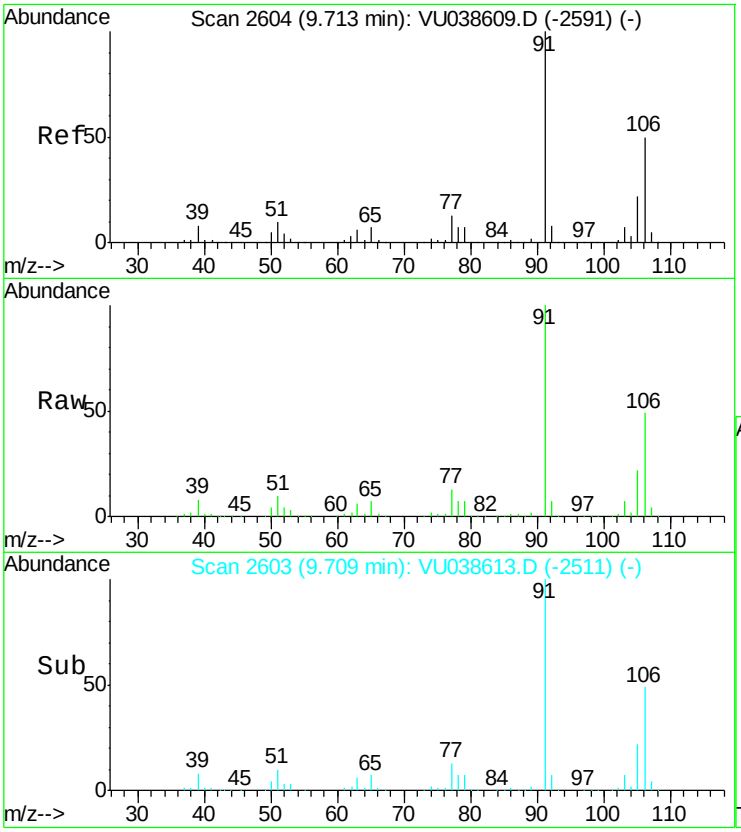


#52
Ethylbenzene
Concen: 1.627 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion: 91 Resp: 167128

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.7	40.3



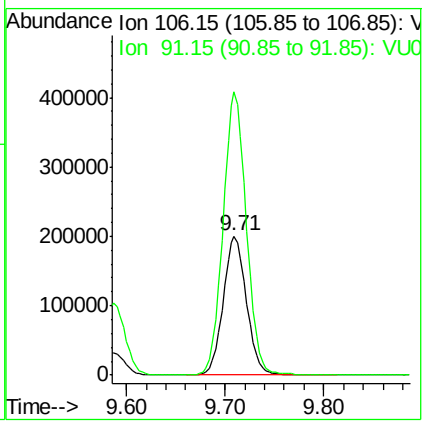


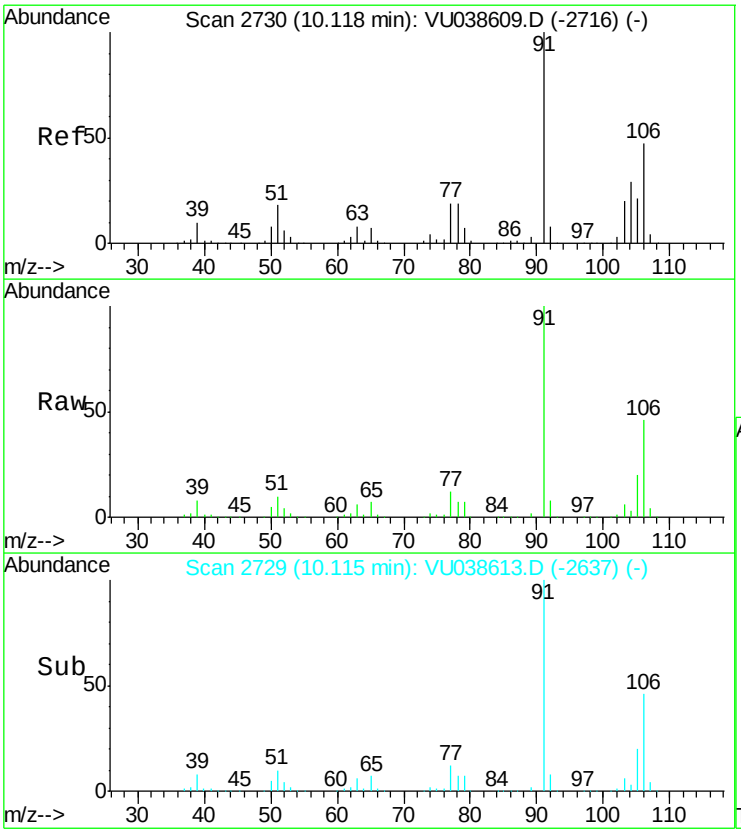
#53
m,p-Xylene
Concen: 8.410 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
BFXD8DL

Tgt Ion:106 Resp: 332182

Ion	Ratio	Lower	Upper
106	100		
91	203.7	138.1	256.5

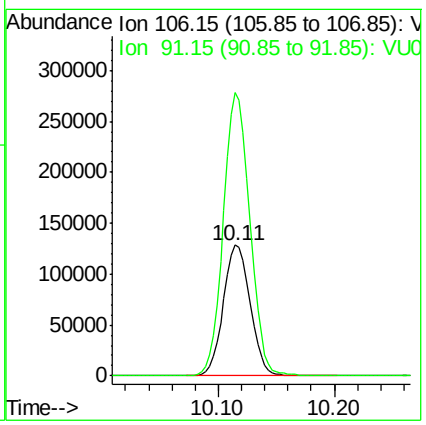


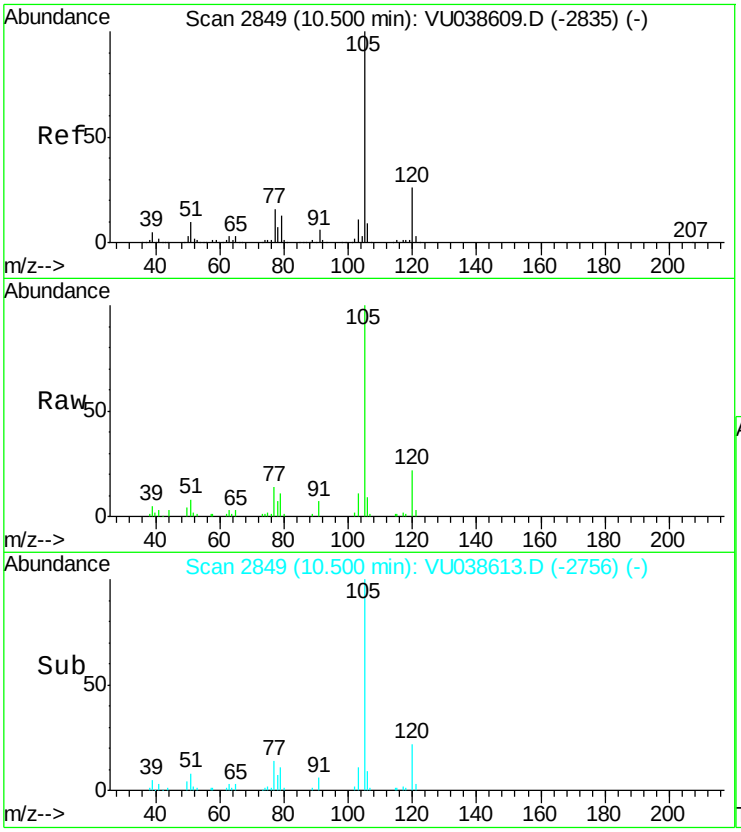


#54
o-Xylene
Concen: 5.449 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion:106 Resp: 206618

Ion	Ratio	Lower	Upper
106	100		
91	216.1	150.6	279.8



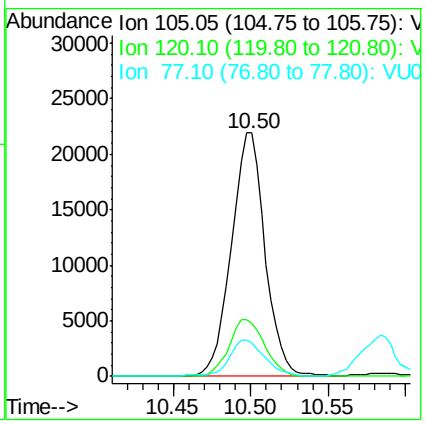


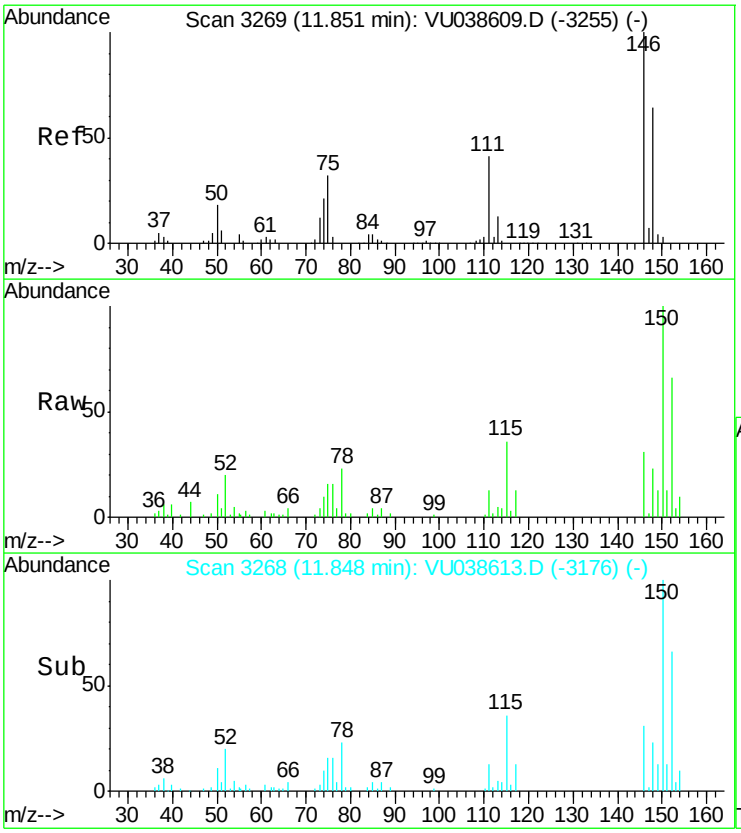
#56
Isopropylbenzene
Concen: 0.331 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument : MSVOA_U
ClientSampleId : BFXD8DL

Tgt Ion:105 Resp: 33029

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.7	31.1
77	15.6	12.5	18.7

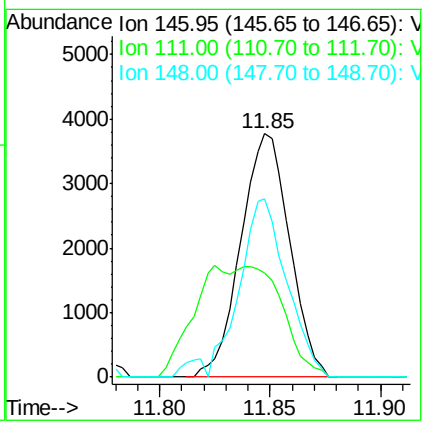


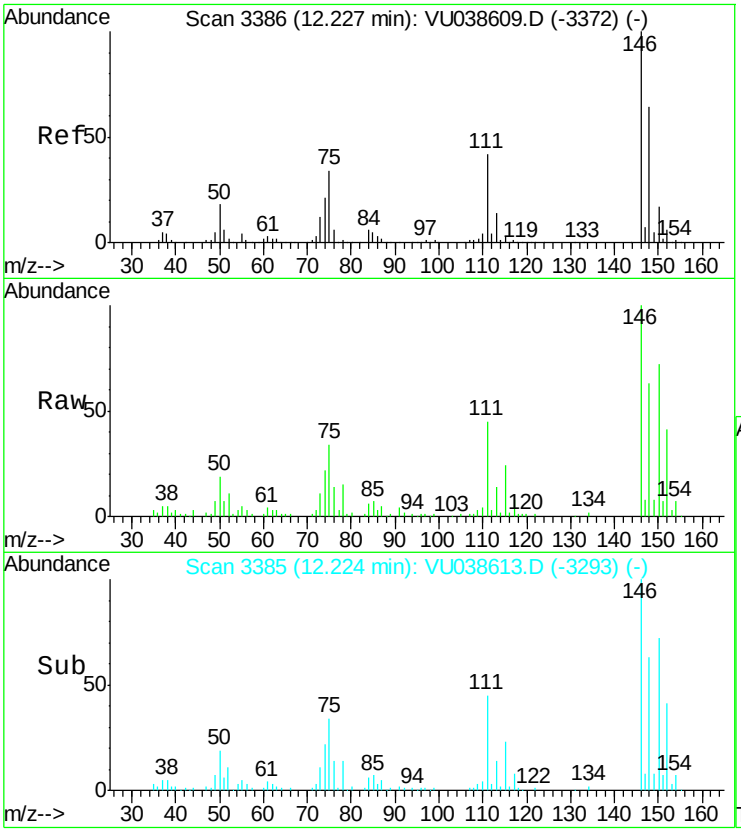


#63
1,4-Dichlorobenzene
Concen: 0.119 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Tgt Ion:146 Resp: 5775

Ion	Ratio	Lower	Upper
146	100		
111	42.7	27.6	51.2
148	73.2	44.8	83.2





#65
1,2-Dichlorobenzene
Concen: 1.350 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038613.D
Acq: 06 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
BFXD8DL

Tgt Ion:146 Resp: 61464

Ion	Ratio	Lower	Upper
146	100		
111	44.6	35.1	52.7
148	62.9	50.9	76.3