Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038416.D
Acq On : 30 May 2020 16:24
Operator : JC/MD
Sample : L2766-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4Z1DL

Quant Time: Jun 01 03:29:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310667	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147322	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	109662	5.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.00%			
7) Chloroethane-d5	1.93	69	88966	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.59	63	162758	4.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.20%			
20) 2-Butanone-d5	4.67	46	377964	61.88	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.76%			
24) Chloroform-d	5.10	84	212203	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%			
26) 1,2-Dichloroethane-d4	5.74	65	127891	5.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.20%			
32) Benzene-d6	5.76	84	441121	5.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.60%			
36) 1,2-Dichloropropane-d6	6.72	67	132409	5.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.80%			
41) Toluene-d8	7.92	98	370651	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
43) trans-1,3-Dichloropropene-	8.20	79	54643	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.65	63	322120	65.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.50%#			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113856	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	149220	5.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	10781	0.747	ug/L	90
30) Cyclohexane	5.42	56	4628	0.139	ug/L	96
33) Benzene	5.81	78	812205	9.693	ug/L	100
35) Methylcyclohexane	6.79	83	3924	0.117	ug/L	94
51) Chlorobenzene	9.47	112	100952	1.781	ug/L	99
52) Ethylbenzene	9.59	91	17466	0.179	ug/L	97
53) m,p-Xylene	9.71	106	46106	1.226	ug/L	99
54) o-Xylene	10.12	106	8792	0.244	ug/L	93
56) Isopropylbenzene	10.50	105	46492	0.489	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	9833	0.224	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	15524	0.378	ug/L	92

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

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Operator : JC/MD
Sample : L2766-08DL 5X
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Instrument : MSVOA_U
ClientSampleId : BE4Z1DL

Quant Time: Jun 01 03:29:15 2020
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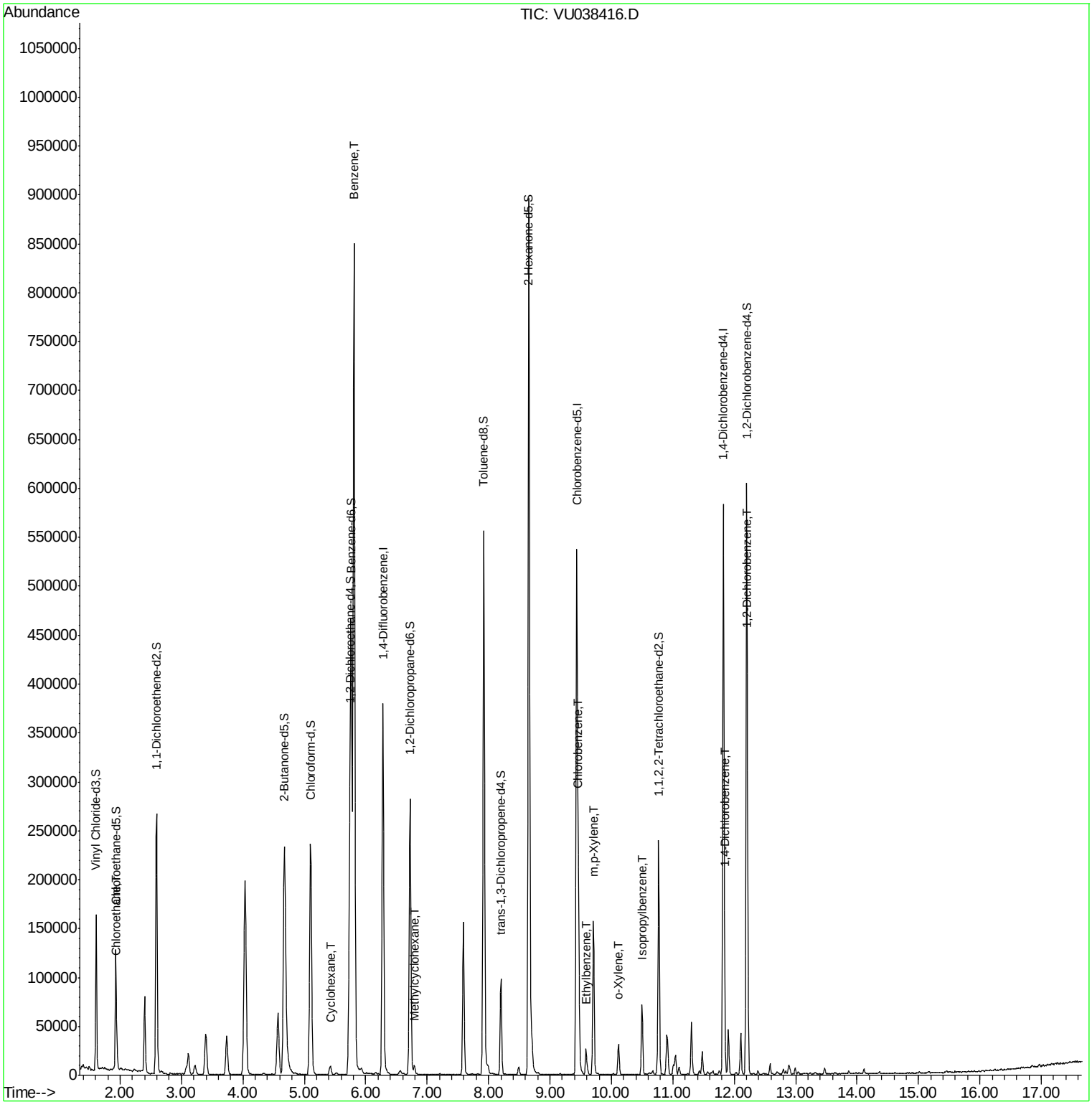
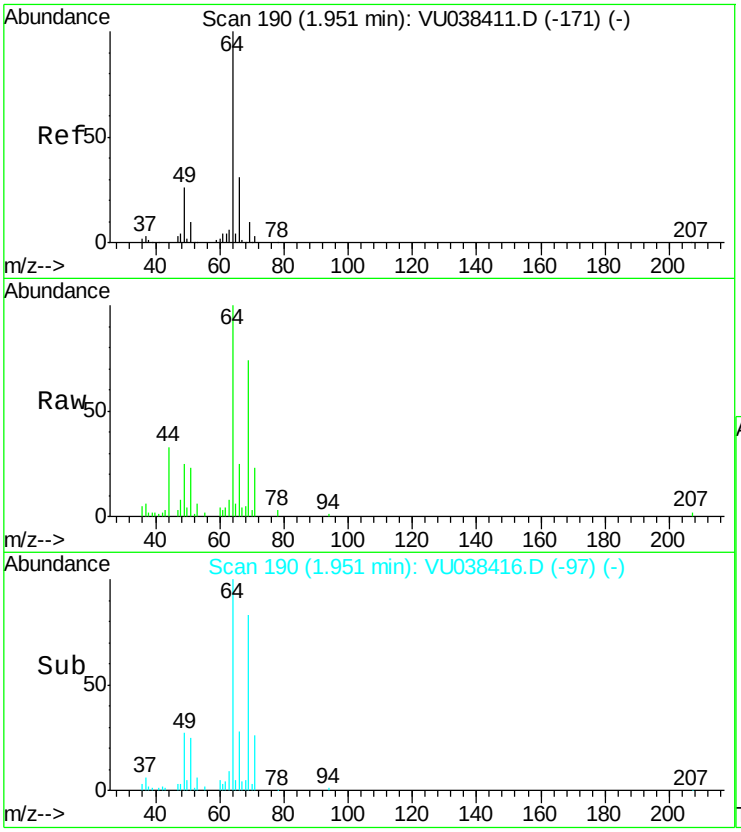
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration



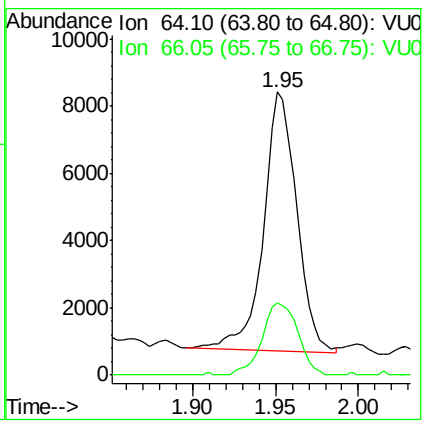


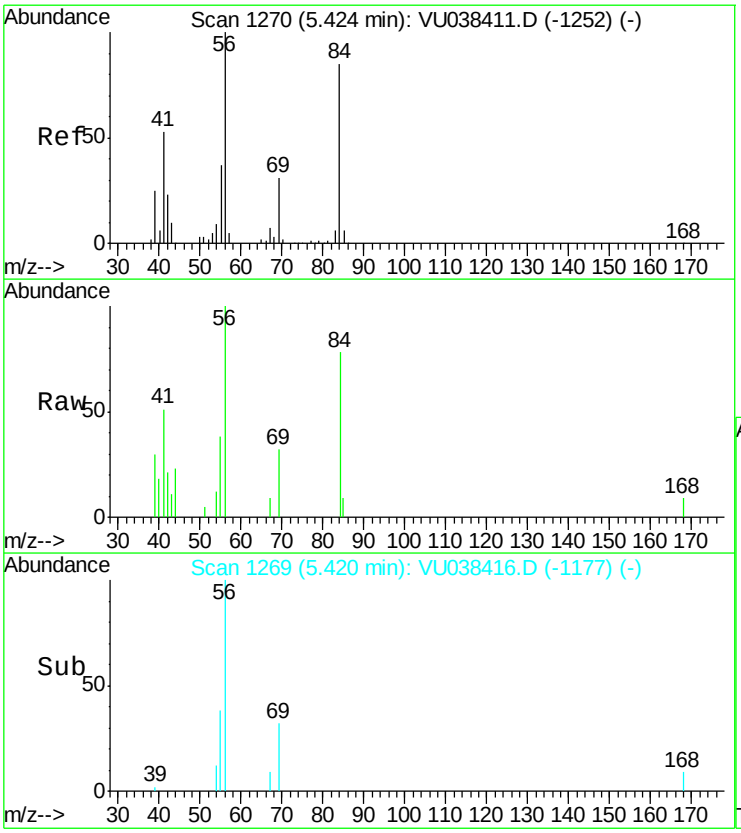
#8
Chloroethane
Concen: 0.747 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument :
MSVOA_U
ClientSampleId :
BE4Z1DL

Tgt Ion: 64 Resp: 10781

Ion	Ratio	Lower	Upper
64	100		
66	25.4	21.5	39.9

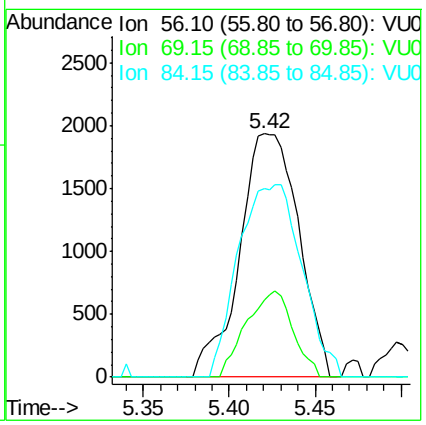


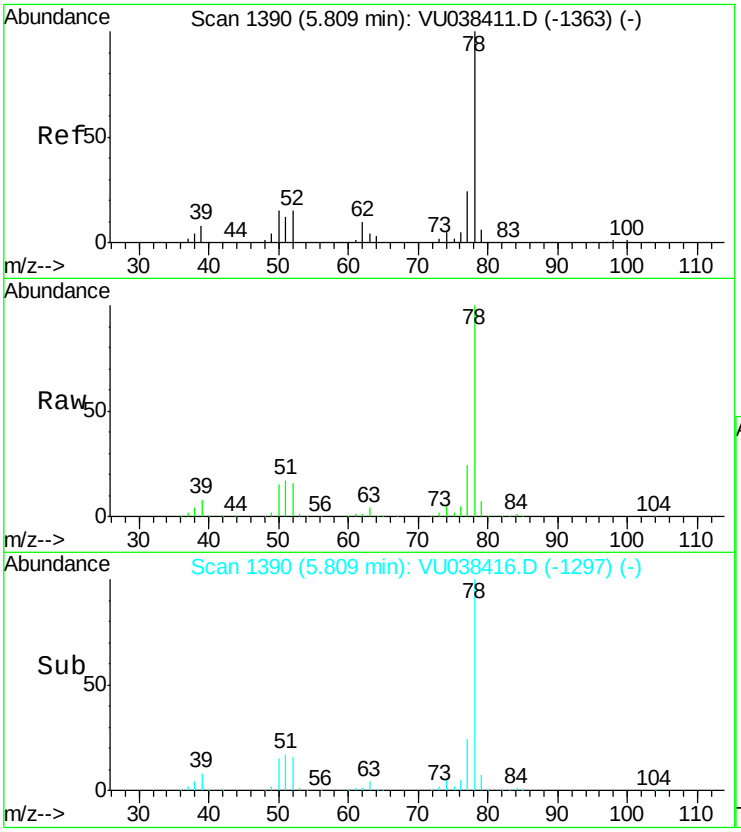


#30
Cyclohexane
Concen: 0.139 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Tgt Ion: 56 Resp: 4628

Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.2	36.4
84	85.1	70.8	106.2

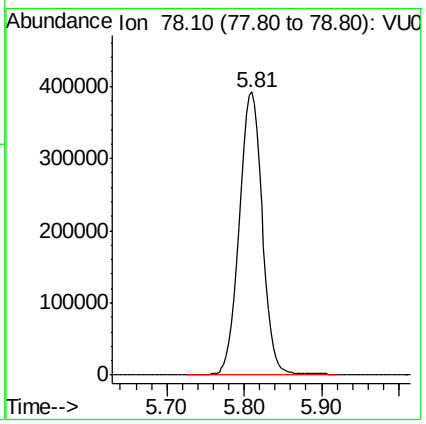


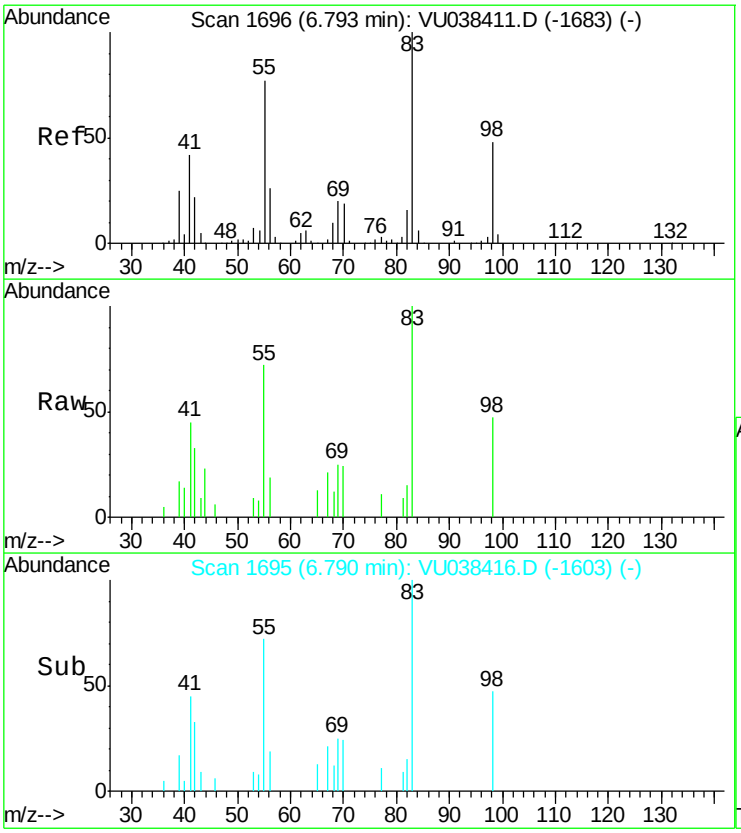


#33
Benzene
Concen: 9.693 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument :
MSVOA_U
ClientSampleId :
BE4Z1DL

Tgt Ion: 78 Resp: 812205

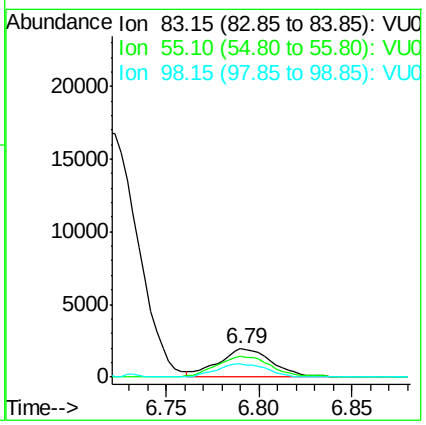


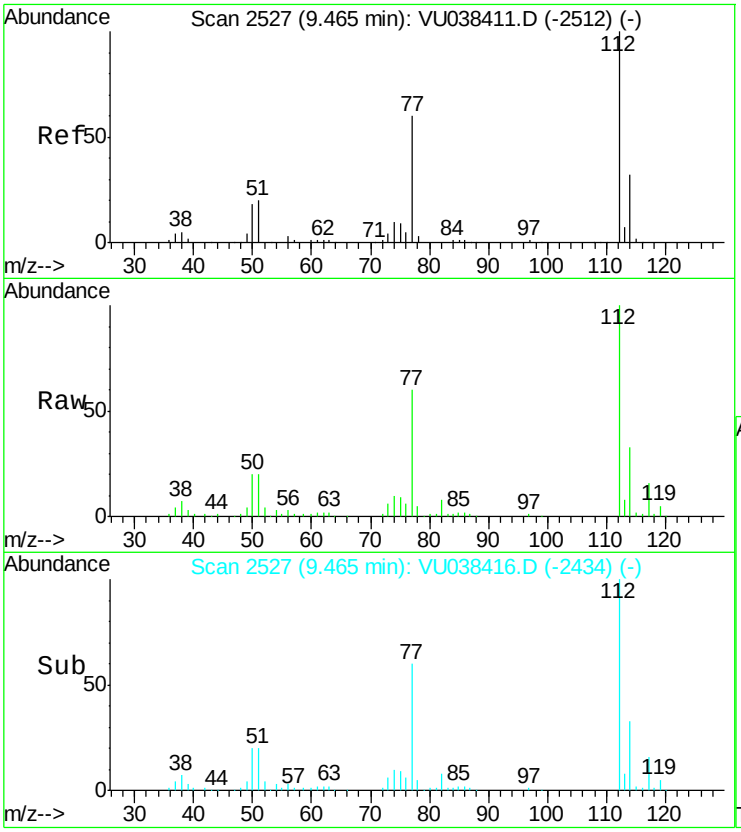


#35
Methylcyclohexane
Concen: 0.117 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Tgt Ion: 83 Resp: 3924

Ion	Ratio	Lower	Upper
83	100		
55	74.8	63.4	95.2
98	43.2	39.0	58.4



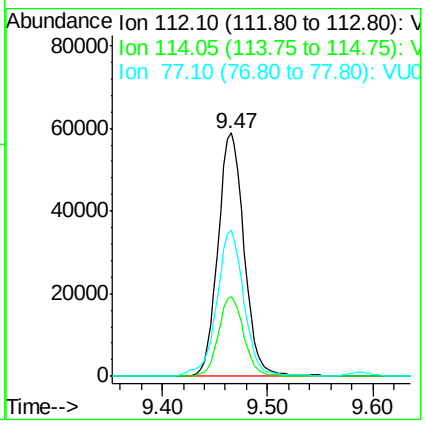


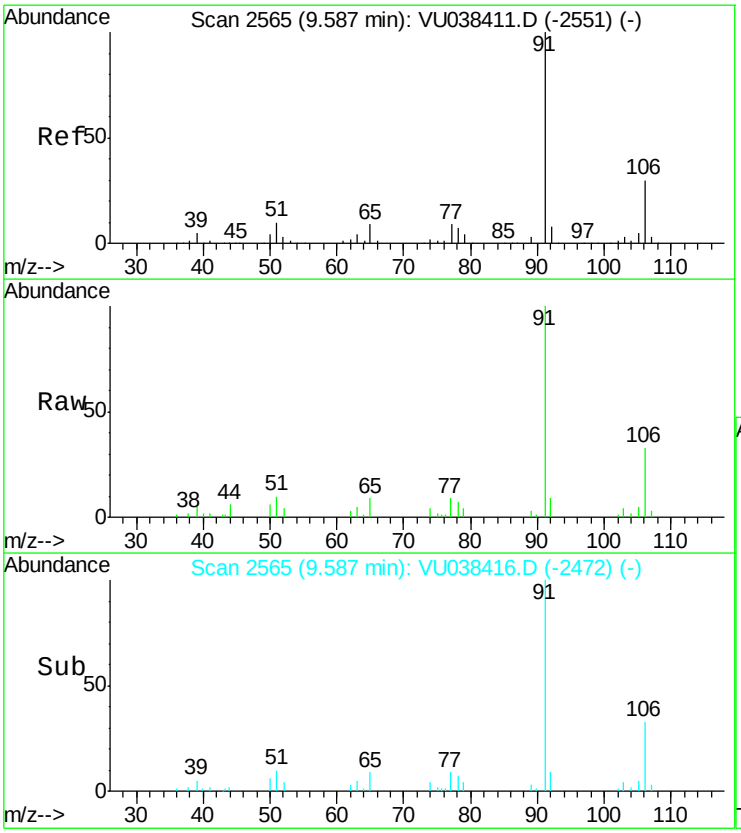
#51
Chlorobenzene
Concen: 1.781 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument : MSVOA_U
ClientSampleId : BE4Z1DL

Tgt Ion:112 Resp: 100952

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.4	41.6
77	60.0	47.1	70.7

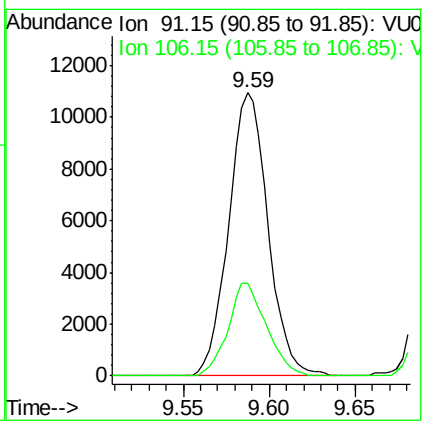


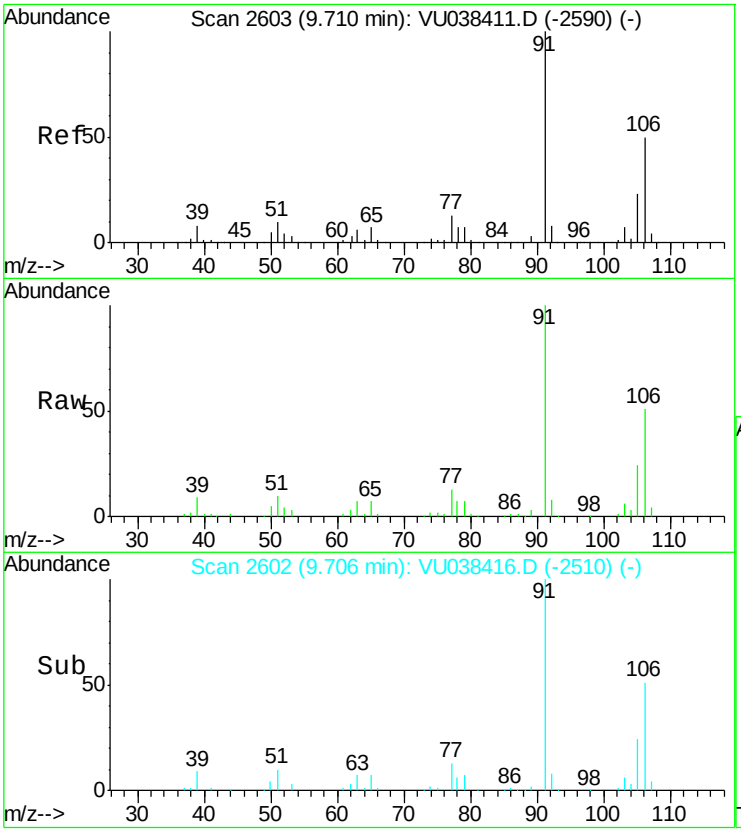


#52
Ethylbenzene
Concen: 0.179 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Tgt Ion: 91 Resp: 17466

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.7	40.3



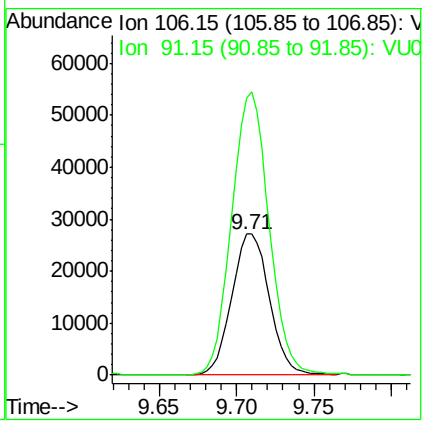


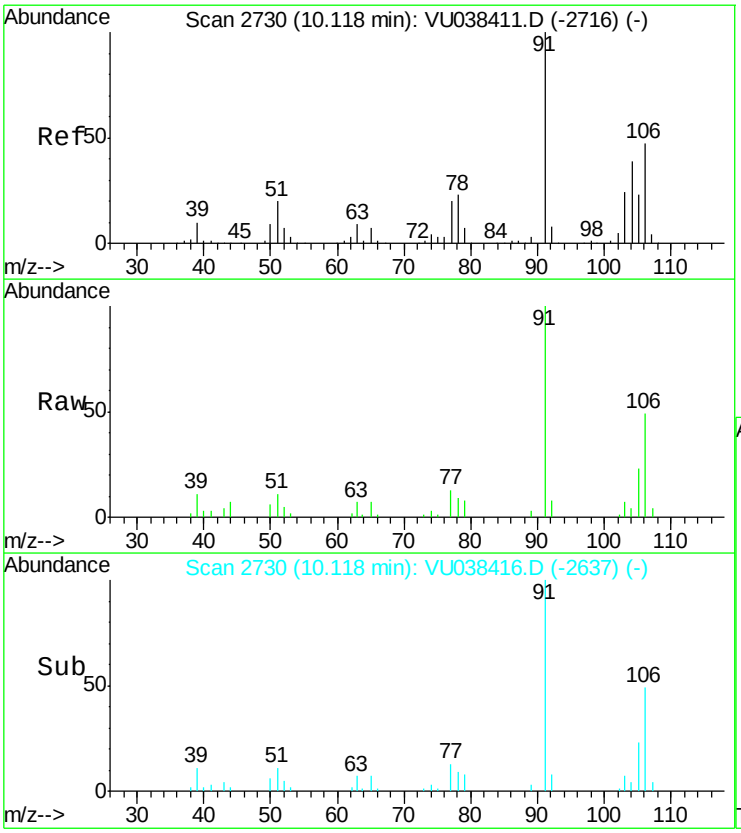
#53
m,p-Xylene
Concen: 1.226 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument : MSVOA_U
ClientSampleId : BE4Z1DL

Tgt Ion:106 Resp: 46106

Ion	Ratio	Lower	Upper
106	100		
91	196.4	138.1	256.5

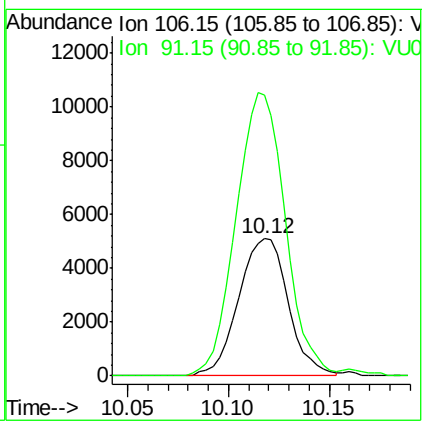


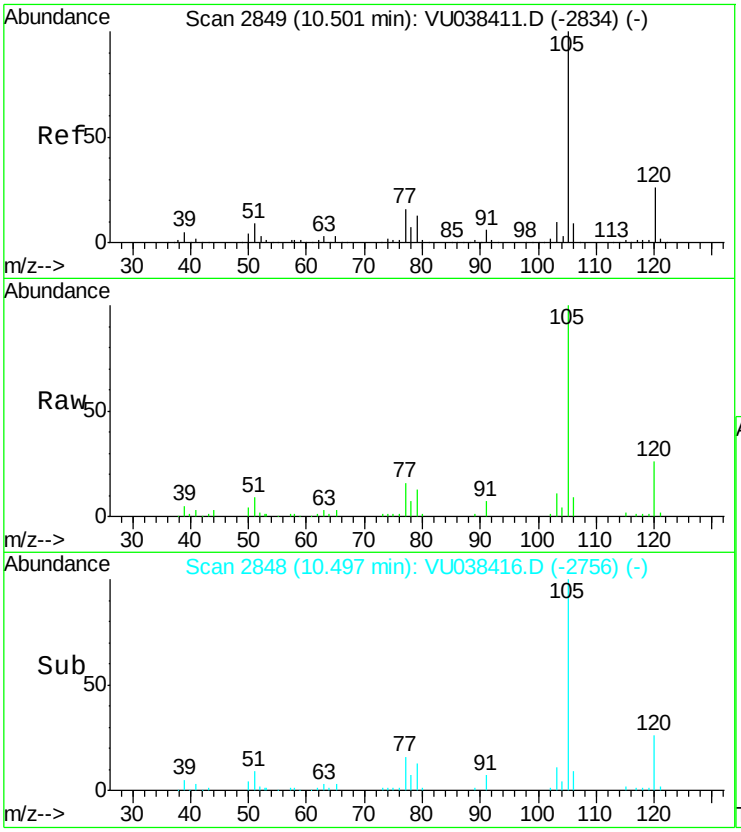


#54
o-Xylene
Concen: 0.244 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Tgt Ion:106 Resp: 8792

Ion	Ratio	Lower	Upper
106	100		
91	204.8	150.6	279.8



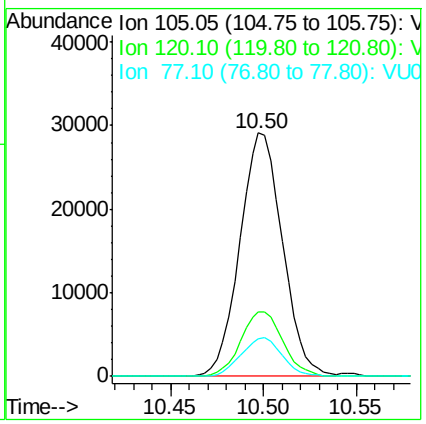


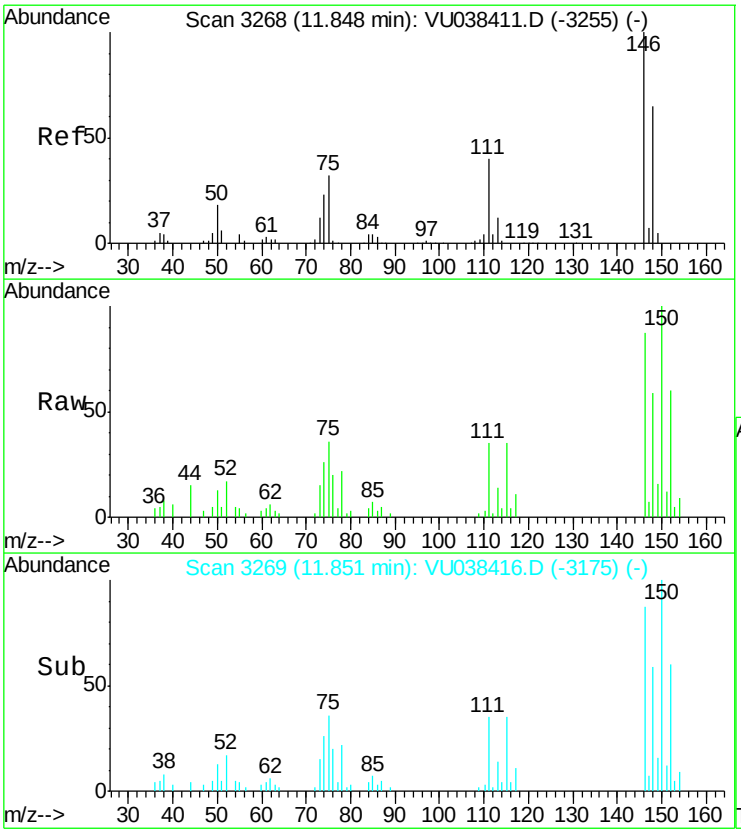
#56
Isopropylbenzene
Concen: 0.489 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument : MSVOA_U
ClientSampleId : BE4Z1DL

Tgt Ion:105 Resp: 46492

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.7	31.1
77	15.2	12.5	18.7

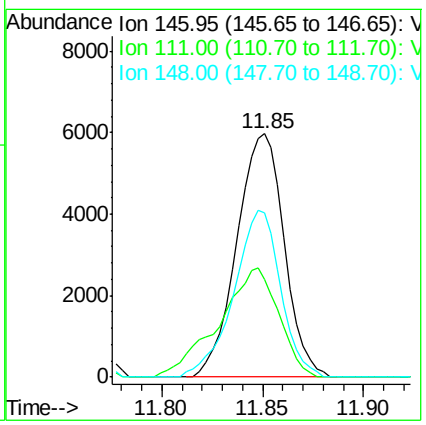


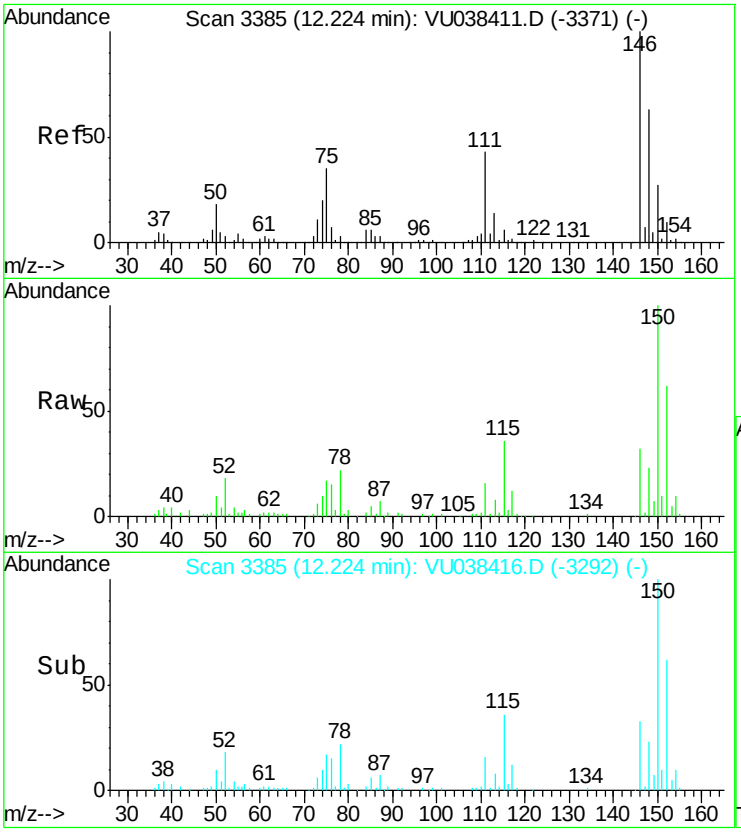


#63
1,4-Dichlorobenzene
Concen: 0.224 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Tgt Ion:146 Resp: 9833

Ion	Ratio	Lower	Upper
146	100		
111	40.0	27.6	51.2
148	67.2	44.8	83.2





#65
1,2-Dichlorobenzene
Concen: 0.378 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038416.D
Acq: 30 May 2020 16:24

Instrument :
MSVOA_U
ClientSampleId :
BE4Z1DL

Tgt Ion:146 Resp: 15524

Ion	Ratio	Lower	Upper
146	100		
111	48.4	35.1	52.7
148	70.8	50.9	76.3